

Personal Systems Reference IBM ThinkPad Notebooks 1992 to 2001 - withdrawn

January 2001 - Version 214



IBM ThinkPad® 240 - withdrawn

IBM® ThinkPad®					
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM	No upgrade / processor or 128KB / onboard (full spe External 3.5" 1.44MB / cor Option: External CD-ROM	n Ball Grid A eed) / synch nnects to left I / via Portab	400MHz ¹ / 66MHz system burray (H-PBGA) ronous pipelined burst / ECC side with FDD port / include le Drive Bay and 24X-10X ⁵ C ble Drive Bay and DVD-ROM	C / write-ba es case and CD-ROM Ul	d cable traslimBay Drive
Type-model Processor Disk - size / ms Preload (see side) Avail / withdrawn date	2609-21U Celeron 300MHz 6.4GB ⁴ / 13ms read / Ultra Windows 98 ⁷ June 1999 / February 2000		2609-31U Celeron 366MHz	S< 2609-41U Celeron 400MHz 12.0GB / 12ms read / ATA-66 or PIO4 Windows 987 SE February 2000 / February 2001	
Display - size and type Display - technology	e 10.4" TFT color (264.16mn SVGA / 800x600 / 15ms re 16.7 million simultaneous	efresh (typica	l) / 50 to 110 nits		
Graphics - controller Graphics - features Memory - std / max Memory - features	2MB / SGRAM (embedded Simultaneous LCD and CR 64MB / 192MB ³³ SDRAM / non-parity / 66MB	d) / color spa RT ²⁶ / 180 de _! Hz / 3.3 volt /	gree tilt / no multiple-monitor	support / e	xt SVGA to 1024x768 with 65,536 colors
Disk controller / disk Keyboard	motherboard / socket acce EIDE / PCI 2.1 / supports disk for upgrade (by removing	essed by ren one internal ing three scre	noving three screws and key disk / customer can remove	/board	WINDOWS 98 PRELOAD ¹⁶ - Microsoft® Windows® 98 (Model 21U) or Microsoft® Windows® 98 Second Edition (Model 31U and 41U) • Online User's Guide
Pointing	• •	ect / Release	-to-Select / dragging / click pa	ace /	 ThinkPad Configuration Program ThinkPad Utilities ThinkPad on the Net
Dimensions Weight ² Case material	Approximately 2.98 lbs (1.3	35 kg) wiṫh b n™ casing / T	60mm x 202mm x 26.6mm attery and disk op: carbon-fiber reinforced pl	lastic;	Access ThinkPad IBM Update Connector RingCentral Fax IBM Registration
Battery - type Battery - life ¹⁰	Li-lon (3 cell) / intelligent / I 21U: 1.9 hrs 31U: 1.8 hrs Optional 6 cell battery 3.8 h	<i>41U:</i> 1.7	hrs 3.6 hrs (31U) or 3.4 hrs (41U))	IBM Global Network Dialer Netscape Communicator PC-Doctor
Charge time ¹⁰	3.5 hrs on / 3.0 hrs off			,	 ConfigSafe® Norton AntiVirus™ (OEM Version)
Docking station Port replicator PC Card Std slots USB / serial / parallel Other features	Intel 440DX PCIset / Intel Texas Instruments® TI1211 PCI 2.1 / 32-bit / 33MHz (E ISA (diskette, serial, paralle None None (all standard ports al 1 Type I or 1 Type II / Cardl One USB / one 9 pin; 1655 APM-aware BIOS / Ultraslir	I PCMCIA co IDE, graphic el, infrared) ready on bao Bus 32-bit / F 50A / one (IE	i, İR, I/Ó) dem)	Universal Management Services (web) Software Selections CD Lotus® SmartSuite Millennium CD Recovery CD-ROM (Windows 98) Recovery CD-ROM (Windows 95) ⁷	
Video (TV) out MPEG decoder Data/fax modem	None None (software support for 56K ³⁷ V.90 / integrated in s Lucent 1646 / not voice-ca	system / Min apable	i PCI Type IIIb /		
Audio Speaker Audio features Audio in/out jacks Infrared ports	16-bit SoundBlaster Pro™ One internal speaker (.5 w Internal microphone / Fn+l Microphone jack (mono) / Infrared port on right side /	/att) Insert and Fi headphone	n+Delete volume control with jack (stereo) / line-in jack (st	n mute tereo)	
Security Limited warranty ¹¹ Service options ¹⁵	1 year - carry-in or ThinkPa	ad EasyServ	disk password / security key (TM31 (door-to-door depot repaties) / serv up to 5 yrs from pure	ir service)	Disks are S.M.A.R.T. ²⁹ compliant
Color depth LCD	External Monitor		OPTIONS		FEATURES
Resolution TFT 60 640x480 16M 10 800x600 16M 10 1024x768* 64K 64	0Hz 70Hz 75Hz 85Hz 6M 16M 16M 6M 16M 16M 4K 64K 64K 	- 64MB SO - 128MB SO - 12GB disk - High-capa	DIMM 3.3v NP SDRAM DIMM 3.3v NP SDRAM D DIMM 3.3v NP SDRAM (, 12ms read, ATA-66 city 6-cell Li-Ion Battery	76H0294 20L0241 01K1150 05K9245 02K6580	Wired for Management 1.1a compliant DMI 2.0 compliant PC 98 compliant ACPI ready (APM enabled) Setup Guide, User's Reference, Windows
* Virtual screen mode	e on 10.4" LCD		56 watt AC Adapter (3-prong) Card Modem with XJACK ²⁴	02K6545 10L7393	OS manual, and Quick Reference Card System Status Indicators
All models: - C: drive is FAT16 of - D: drive is FAT32 of Pressing F1 during st BIOS Setup Utility	2GB remaining space tartup brings up IBM	- V.90 56K Cellular C - 10/100 Eti - 10/100 Eti - Turbo 16/- - Smart Car - IBM Porta - Zip 100ME - SuperDisk - DVD-RON - 24X-10X 0	PC Card Modem with apability ²⁴ hernet CardBus PC Card herJet plus 56K modem ³⁷ 4 Token-Ring PC Card II of Security Kit ble Drive Bay (UltraslimBay) 3 UltraslimBay Drive t LS-120 UltraslimBay Drive I UltraslimBay Drive CD-ROM UltraslimBay Drive	02K4196 08L3147 08L3167 34L1401 33L5075 37L1511 37L1507 20L1929 05K8890 05K9122	Reset switch on bottom Plug and Play 1.0a Standby, suspend, redisafe, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra [®] , ³⁵ 24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support
- ThinkPad Proven™ www.ibm.com/pc/us			Port USB Hub Pad Mobile Mouse	00N8215 28L3670	

IBM [®] ThinkPad [®]					
Processor L2 cache Diskette drive CD-ROM LS-120 and CD-RW	Celeron: 128KB / onboard (External 3.5" 1.44MB / conr Option: External via USB po	OMHz ¹ or Intel Mobile Pentium (at processor speed); Pentium nects to left side with FDD port ort or via Portable Drive Bay 20 le Drive Bay 2000 and drive on	<i>m III:</i> 256KB / onbo / includes case and 000 and 24X-10X ⁵ (oard (at processor speed) nd cable	
Type-model Processor Disk - size / ms Preload (see side) Available date	2609-51U Celeron 450MHz 6.0GB ⁴ / 13ms read / Ultra I Windows 98 ⁷ SE June 2000	2609-52U Celeron 450MHz	2609-61U Pentium III 500M	2609-62U MHz Pentium III 500MHz read / ATA-66 or PIO4	
Display - size and type Display - technology	e 10.4" TFT color (264.16mm) SVGA / 800x600 / 15ms refi 16.7 million simultaneous co) / Active Matrix resh (typical) / 50 to 110 nits plors / 150 to 1 contrast (typical)	,		
Graphics - controller	Silicon Motion® Lynx EM+ 2MB / SGRAM (embedded)	SM712G [™] / DDC2B / / color space conversion / mul	tiple monitor suppo	ort ²⁶ for Windows 98	
Graphics - features		⁻²⁶ / 180 degree tilt / external S\	/GA to 1024x768 w	with 65,536 colors	
Memory - std / max Memory - features		Hz / 3.3 volt / 64-bit C 144-pin SO DIMM / std mem ssed by removing three screws		WINDOWS 98 PRELOAD ¹⁶	
Disk controller / disk	EIDE / PCI 2.1 / supports or disk for upgrade (by removin	ne internal disk / customer can g three screws on base)	remove	- Microsoft® Windows® 98 Second Edition	
Keyboard 	18mm key pitch	ize of current standard ThinkPa		Online User's Guide ThinkPad Configuration Program	l
Pointing	sensitivity / spare caps	ct / Release-to-Select / dragging	, , 	ThinkPad Utilities Access ThinkPad	
Dimensions Weight ² Case material	51U/52U: approximately 2.9 61U/62U: approximately 3.2	inches) / 260mm x 202mm x 2 28 lbs (1.35 kg) with battery and 28 lbs (1.49 kg) with battery and 4 casing / Top: carbon-fiber reind 3 plastic	d disk d disk	IBM Update Connector PC-Doctor ConfigSafe® Norton AntiVirus™ (OEM Version) Universal Manageability Services	
Battery - type Battery - life ¹⁰	51U/52U: Li-lon (3 cell); 61	U/62U: Li-lon (6 cell); All: intel U/62U: 4.2 hrs	ligent / left side		
Charge time ¹⁰	3.5 hrs on / 3.0 hrs off			⇒ Recovery CD-ROM (Windows 95))'
Architecture Docking station Port replicator PC Card Std slots USB / serial / parallel Other features	chip / TI1211 PCMCIA contr PCI 2.1 / 32-bit / 33MHz (EI ISA (diskette, serial, paralle None None (all standard ports alre 1 Type I or 1 Type II / CardBi	•	PC-Doctor ConfigSafe		
Video (TV) out Data/fax modem Audio Speaker Audio features Audio in/out jacks Infrared ports Security Limited warranty ¹¹ Service options ¹⁵	AC97 codec One internal speaker (.5 wa Internal microphone / Fn+In Microphone jack (mono) / h Infrared port on right side / I Power-on password / setup 1 year - carry-in or ThinkPar	upport / CS4281 PCI audio / C	ntrol with mute n jack (stereo) bps curity keyhole epot repair service)	Norton AntiVirus™ (OEM Version) IBM Update Connector Universal Manageability Services ((web) D 00)
Color depth LCD	External Monitor	OPTIONS		FEATURES	
640x480 16M 1 800x600 16M 1 1024x768* 64K 6	6M 16M 16M 6M 16M 16M 6M 16M 16M 6H	32MB SO DIMM 100MHz NP 64MB SO DIMM 100MHz NP 128M SO DIMM 100MHz NP 128M SO DIMM 100MHz NP 128B disk, 12ms read, ATA-6 High capacity 6-cell Li-Ion Ba' Ultraslim 72 watt AC Adapter DC Auto Adapter V.90 56K Intern Modem with 6 10/100 EtherJet™ CardBus A IBM 16/4 Token-Ring CardBu Smart Card Security Kit IBM Portable Drive Bay 2000 IBM MultiPort USB Hub IBM 340MB microdrive IBM USB Portable CD-ROM EIBM USB Mobile Mouse IBM USB Numeric Keypad	SDRAM 20L0254 SDRAM 20L0255 66 05K9245 ttery 02K6689 02K3881 GSM 02K4280 dapter 34L5301 s Adap 34L4801 33L5075 19K4480 00N8215 00N8073	Toll-free hardware support during the warranty period Personalized web-based support Wired for Management 1.1a complist DMI 2.0-compliant PC 99-compliant ACPI ready (APM enabled) Setup Guide, User's Reference, Wildown Wildows (APM enabled) OS manual, and Quick Reference System Status Indicators Reset switch on bottom Plug and Play 1.0a Standby, suspend, redisafe, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴	iant
- ThinkPad Proven™ www.ibm.com/pc/u	solutions ¹² (visit	TOTAL TRUITIENTO NESPAU	0010220	24 hour / 7 day³o telephone, fax, electronic, and Internet (www.ibm.com/pc/us) support	

運派 ThinkPad 300, 500, 700, 700C - withdrawn

IBM [®] ThinkPad [®] :	≈ 300	≈ 500	≈ 700	× 700C
	monochrome	sub-notebook	monochrome	color TFT
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	80386 SL 25 MHz 64 KB external Yes (for 387 SL) 3.5" 1.44 MB	80486 SLC2 50/25 MHz 16 KB internal No External 3.5" 1.44 MB	80486 SLC	80486 SLC
Price (retail USD) Type - model Hard drive - size Hard drive - speed Available date Withdrawal date	\$ 1,999 2615-065 80 MB	\$ 1,999 2603-081 85 MB 15 ms June 93 Dec 93 \$ 2,499 2603-171 170 MB 15 ms June 93 Dec 93	\$ 2,750 9552-300 82 MB	\$ 4,350 9552-30B 120 MB 17 ms O Oct 92 Oct 93
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales STN LCD - Side-lit 9.5 inch 13 to 1 Yes	VGA mono 64 grey scales STN LCD - backlit 7.4 inch 18 to 1 Yes (external SVGA)	VGA mono 64 grey scales STN LCD - backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640x480 Thin film transistor Active matrix 10.4 inch 100 to 1 Yes
Memory - std / max Mem - sockets empty SIMM/ICs available	4 / 12 MB 80 ns 2 sockets (parity) 2, 8 MB SIMMs	4 / 12 MB 80 ns 1 socket (non-parity) 4, 8 MB ICs (3.3 volt)	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num/ 82 Yes (back panel) Miniature (option) Yes 12 (in any appl)	90% size alp/num/ 81 11 (in any appl) No TrackPoint II ™ No	Full size alp/num/ 84 None 8 degrees (legs) TrackPoint II Yes (with opt cable)	Full size alp/num/84 None 8 degrees (legs) TrackPoint II Yes (with opt cable)
Dimensions Cubic inches Carrying case Color Weight (with battery)	12.1 x 8.5 x 1.7" 175 inches Blk nylon (option) Charcoal grey 5.9 pounds	10.1 x 7.2 x 1.6" 116 inches Blk nylon (option) Black 3.8 pounds	11.7 x 8.3 x 1.9" 185 inches Blk nylon (option) Black 6.5 pounds	11.7 x 8.3 x 2.2" 214 inches Blk nylon (option) Black 7.6 pounds
Battery - type Batt - life (per battery) Charge time - on / off Battery - options	Nickel hydride 3 to 10 hours 10 hrs / 2 hrs None	Sealed lead acid 3 to 9 hours 2.5 hrs / 1.2 hrs Nickel hydrid (\$49)	Nickel hydride 3.8 to 7.5 hours 3 hrs / 2 hrs Yes - status indicator	Nickel hydride 2 to 4 hours 1.5 hrs / 1.4 hrs Yes - status indicator
Architecture External AT/MCA port Comm Crtrdge (1 card) Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Visible LEDs - closed Serial / parallel ports	AT bus No No (fast parallel) No Yes None Modem only Yes - batt charge Yes / Yes (EPP)	AT bus No No No No No Type I or 1 Type II Yes Yes (cable) / Yes (EPP)	Micro Channel® Yes Yes (black) Yes (3550-002) blk Yes (black) Yes None Yes Yes / Yes (DMA)	Micro Channel Yes Yes (black) Yes (3550-002) blk Yes (black) Yes None Yes Yes / Yes (DMA)
APM-aware BIOS Other features Preinstalled software Warranty	APM-aware BIOS Hrdw security loop None 1 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hibernation mode DOS 5.02, PRODIGY® 1 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)

The 700/720 family hard disks, batteries, and docking station are NOT compatible with 360, 750, 755. The 700/720 memory IS compatible with 360, 750, 755.

FEATURES OF 500

Most powerful sub-notebook with 486SLC2 Lightweight 3.8 pounds

Hibernation mode saves memory to the hard drive and shuts system off External VGA is SVGA (to 800 x 600) Std external floppy (9 oz) plugs into back Personalized nameplate in molded indentation

Coupon book with \$4,000 in savings Self charging battery with integrated wall plug and no memory effect (081, 171)

ThinkPad 500 models 081 and 171 withdrawn due to problems with the sealed lead acid battery and replaced by models 08N and 17N with a nickel hydride battery

FEATURES OF 300

Upgradeable to TFT active color; 8.4" Ethernet on planar for 10baseT,10base2 Upgradeable to 120 MB (80 MB version) External VGA is SVGA (to 1024 x 768) 2 level password security Hot key setup in any application Standby mode and rest mode Rest mode lasts up to 2 weeks

FEATURES OF 700/700C and 720/720C

3 year international warranty 700/720 mono upgradeable to TFT color 700/700C upgradeable to 486SLC2 50/25 Upgradeable to 120, 160, 240, or 340 MB Removable hard disk Pressure activated TrackPoint II

Optional battery w/ power status indicators Quick Charger holds 2 batt; discharge button Coupon book with \$4,000 in savings

FEATURES OF ALL PRODUCTS

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International warranty

IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

THE ThinkPad 310 (EMEA) - withdrawn

IBM® ThinkPad®:	× 310	× 310	≯ 310D	
	11.3" Dual Scan SVGA col			SVGA color / 10 x CD-ROM
Processor type Processor upgrade L2 cache External FDD port Diskette drive CD-ROM drive Code name	None 256 KB / write-back / direct	t mapped / 7 ns / sychronous pipe vith standard external diskette on eff side) None (upgrade available) LaCrosse	elined burst CD-ROM-based m External 3.5" 1.44	y nodel; or use if upgrade to CD-ROM) · MB (connect to rear) notable(left side) / CAV
Disk - size / ms Disk controller		/ supports one internal disk	2600-200	
. ,	11.3" Dual Scan SVGA colo		11.3" Dual Scan	
Display - techology	11.3" SVGA color / 640x48	30 or 800x600 Dual Scan / 30 to 1 contrast ratio		/ 640x480 or 800x600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external Memory - std / max	C&T™ 65550 HiQV32™ / 64 PCI 2.1 / interpolation / cold Simultaneous LCD and CR External SVGA to 1024x76	bit SVGA accelerator / 1 MB EDC or space conversion T / 180 degree tilt / Zoomed Video	DRAM / 70 ns	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16)
Memory - features Memory - upgrade	60 ns / non-parity / 3.3 volt 1 socket available for two	/ EDO / memory installed from bot JEDEC 144 pin EDO SO-DIMM o	tom of system	Notebook Manager PhoenixCard Manager (no diskette factory)
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag lo	remains flat (no sloop) / no liftup k		1. IBM Anti-Virus 2. IntelliQuest Registration Mailer 3. ThinkPad Customization Icon - Lotus SmartSuite CD-ROM
Dimensions Weight	11.7 x 8.9 x 1.9" (198 cubic 6.6 pounds (3.0 kg)	6.6 pounds (3.0 kg)	7.0 lbs (3.2 kg)	Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)
Battery - type Battery - life Charge time - on / off	2.5 hours 3.5 to 10 hrs / 2.8 hrs / no n	ery unique to 310 / insert from righ on-disruptive battery exchange		
Architecture Docking Station Port replicator PCMCIA™ slots	PCI 2.1 / 32-bit / 33MHz (E NS PC87336VJG (diskette None None 2 Type I or 2 Type II or 1 Ty	e, serial, parallel) / TI PCI1131 Car pe III / PCMCIA 2.1 compatible / PC	rdBus (PCI)	
Serial / parallel ports Other features	One 9 pin; 16550A / one (IE Universal AC Adapter 3 pro	ned Video support in lower slot EEE P1284-A, EPP, ECP, bidirecti ong (45 watts) with barrel connector 2 / Selectable boot / Acer BIOS		
Video in/out MPEG decoder Data/fax modem Audio support Audio jacks Telephone	Internal stereo speakers / .! Input jack (3.5 mm) / stereo	e MIDI FM synthesis / Yamaha Y 5 watt / Fn key volume control output jack (3.5 mm) / stereo mic ja		
Infrared ports	None None			
Security	Diskette and disk write prot	password (for Notebook Manage ect and disable / back (Kensington™ cable lock)	er and BIOS Utility)/	Disk is not removable, but it can be upgraded via a dealer or service center
Preinstalled software Warranty	Windows 95 with applicatio 1 year - carry-in	ns (listed on right)		(not customer installable). System does not have non-disruptive
BIOS Utility is entered by holding F2 while the ThinkPad logo is displayed after power on. Fn +F1 = Hot key help Fn +F2 = Brightness/contrast Fn + arrows = Adjust brightness/contrast Fn +F3 = LCD/CRT/Simultaneous Fn +F4 = Fuel gauge Fn +F5 = Audio volume Fn + arrows = Adjust volume Fn + F6 = Power mgmt and system info Fn +F7 = Standby Fn +F8 = Hibernation Fn + Esc = Close Hot key icon		ompatible in ThinkPad 310 family: 2.1GB HDD 13/14 ms (user upgr NiMH Battery AC Adapter, 3 prong w/o power of AC Adapter, 3 prong with US pow 8MB SO DIMM 3.3v NP EDO 64-bit 16MB SO DIMM 3.3v NP EDO 64-bit 32MB SO DIMM 3.3v NP EDO 64-bit 10 x CD-ROM w/ external FDD/of (dealer installable only) PCMCIA 28.8Kbps International	11J8639 cord 11J8699 wer cord 11J8702 t, gold 11J8635 bit, gold 11J8636 bit, gold 11J8637	báttery exchange. Battery can be changed while system is off, in hibernation, or under AC power. FEATURES OF 310 MODELS Plug and Play 1.0a Standby and hibernation modes Color LED indicator US EPA Energy Star compliant Personalized nameplate indention

ThinkPad® 310E and 310ED (EMEA) - withdrawn

IBM® ThinkPad®:	310E 12.1" Dual Scan SVGA co	310E olor 11.3" TFT SVGA color	310ED 12.1" Dual Scan S	SVGA color / 10X CD-ROM
Processor type		MHz ¹ Pentium MMX 150/60MHz		
Processor upgrade Processor features	None MMX technology / P55CL	.M / 64-bit to transfers to L2 cache	and memory	55/00HH12
L2 cache External FDD port	256KB / Write-back / direct	ct mapped / 7ns / sychronous pipe	ilined burst n CD-ROM-hased m	odel; or use if upgrade to CD-ROM)
Diskette drive	Internal 3.5" 1.44MB (on I			4MB (connect to rear)
CD-ROM drive	None (upgrade available)	,		pootable (left side) / ĆAV
Code name	LaCrosse-2		LaCrosse-2	
Price Type - model	2600-400	2600-600	2600-500	
Preload (see side)	Windows 95 OSR2	12000-000	12000-300	
Avail / withdrawn date	November 1997 / July 199			
Disk - size / ms Disk controller		s write / PIO Mode 4 / SMART .1 / supports one internal disk		
		color 11.3" TFT SVGA color	12.1" Dual Scan	SVGA color
Display - size and type Display - techology	12.1" SVGA color / 640 x			/ 640 x 480 or 800 x 600 / 65,536 sim colors
Display - lechology		/ Dual Scan / 30 to 1 contrast ratio		active matrix / 100 to 1 contrast ratio
Graphics - controller	C&T™ 65550 HiQV32™ / 6	64-bit SVGA accelerator / 1MB EDC	DRAM / 70ns	
	PCI 2.1 / interpolation / co			
Gaphics - features Graphics - external	Simultaneous LCD and C External SVGA to 1024x7	RT / 180 degree tilt / Zoomed Vide	o support	
Memory - std / max		B SO-DIMM is installed in one of tw	vo sockots	
Memory - features	60ns / non-parity / 3.3 volt	/ EDO / memory installed from bo	tom of system	WINDOWS 95 PRELOAD ¹⁶
Memory - upgrade		JEDEC 144 pin EDO SO-DIMM		- Microsoft Windows 95 OSR2 (FAT16)
Keyboard / # of keys	Full size alp/num / 85 keys	s (9 Fn key functions)		- Notebook Manager - (no diskette factory)
Keyboard slope		d remains flat (no sloop) / no liftup	keyboard	1. ÌBM Anti-Virus
Pointing device Palm rest	TrackPoint® III / no drag to Integrated palm rest / exte	rnal keyboard support (no optional	cable)	2. IntelliQuest Registration Mailer
Dimensions		ic inches) / 298 mm x 227 mm x 4		3. ThinkPad Customization Icon CD-ROMs included in shipping carton:
Weight ²	6.6 pounds (3.0 kg)	6.6 pounds (3.0 kg)	7.1 lbs (3.2 kg)	- Application CD-ROM (includes
Battery - life	3.0 hours	3.5 hours	3.0 hours	W95/W31/DOS device drivers,
Charge time - on / off		non-disruptive battery exchange	المائمة المائمة	preloaded applications) - Windows 95 CD-ROM (no installation;
Battery - type	<u> </u>	ttery unique to 310 / insert from rig		includes Setup Boot Diskette)
Architecture	PCI2.1/32-bit/33MHz(EID	al, parallel) / ALI [®] Aladdin III M152 E. graphics, PCMCIA)	1/W11523 chipset	
		te, serial, parallel) / TI PCI1131 Ca	rdBus (PCI)	
Docking Station	None			
Port replicator PCMCIA™ slots	None 2 Type Lor 2 Type II or 1 Type	ype III / PCMCIA 2.1 compatible / F	C Card Standard 95	
. 01010171 01010	CardBus 32-bit PCI / Zoo	med Video support in lower slot		
Serial / parallel ports		EEE P1284-A, EPP, ECP, bidirec		
Other features		rong (45 watts) with barrel connect 1.2 / Selectable boot / Acer® BIOS		
Video in/out	None	1.2 / Gelegiable Boot/ / Gel Bloc	,	-
MPEG decoder	None			
Data/fax modem	None	as MIDI EM aunthoris (Vamaka)	/NAC74 C	
Audio support		ce MIDI FM synthesis / Yamaha .5 watt / Fn key volume control	TIVIF/15	
Audio jacks	Input jack (3.5 mm) / stere	o output jack (3.5 mm) / stereo mic	jack (3.5 mm)	
Telephone	None			
Infrared ports	None Rower on password / Setu	up password (for Notebook Manag	or and BIOS Litility A/	
Security	diskette and disk write pro	op password (for Notebook Manag otect and disable / security keyhole	/ and bios utility)/	
	electronic personalization			System does not have non-disruptive
Preinstalled software		vith applications (listed on right)		battery exchange. Battery can be
Limited warranty ¹¹	1 year - carry-in			changed while system is off, in
PIOS Litility is ontores	hy holding E2 while the	OPTIONS		hibernation, or under AC power.
ThinkPad logo is disp	d by holding F2 while the layed after power on.	OPTIONS		No suspend mode; has standby and
0 1	· -	2.1GB disk, 13/14ms (user upgr		hibernation mode
Fn + F1 = Hot key I Fn + F2 = Brightne	se/contrast -	3.2GB disk, 13/14ms (user upgr NiMH Battery	11J8639	FEATURES
Fn + arrows = Adjust	00/001111401	AC Adapter, 3 prong without por	wer cord 11J8699	Plug and Play 1.0a
$Fn + F3 = LCD/CR^2$	T/Simultaneous -	16MB SO DIMM 3.3v NP EDO 64- 32MB SO DIMM 3.3v NP EDO 64-		Standby and hibernation modes
Fn + F4 = Fuel gau Fn + F5 = Audio vo		10X CD-ROM w/ external FDD/	cable 11J8676	Color LÉD indicator
Fn + arrows = Adjust	volume	(dealer installable only)		ENERGY STAR compliant Personalized nameplate indention
Fn + F6 = Powerm	ngmt and system info	20X-8X Portable CD-ROM	1969010 M 1969011	International Warranty Service ¹⁴
Fn + F7 = Standby Fn + F8 = Hibernat		20X-8X Portable Stereo CD-RO PCMCIA 33.6Kbps International		IBM SystemXtra™
Fn + Esc = Close Ho		PCMCIA 33.6Kbps Modem w/ X		24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet
	,			(www.ibm.com/pc/us) support
				IBM and dealer warranty/service
			All tradem	

TEM ThinkPad® 310E and 310ED (EMEA) - Spring 1998 - withdrawn

IBM [®] ThinkPad [®] :	310E 12.1" Dual Scan SVGA co	310E lor 12.1" TFT SVGA color	310ED 12.1" Dual Scan S	SVGA color / CD-ROM
Processor type Processor upgrade	Pentium® MMX™ 166/66N None		12.1 Duai Staff S	OV ON COIDE / OD-NOIVI
Processor features L2 cache External FDD port Diskette drive CD-ROM drive	MMX technology / P55CL 256KB / write-back / direction	eft side)	ined burst CD-ROM-based m External 3.5" 1.44	odel; or use if upgrade to CD-ROM) 4MB (connect to rear) DM / bootable (left side) / CAV
Disk - size / ms	2600-A00 Windows 95 OSR2 March 1998 / September 1 2.1GB ⁴ / 13ms read; 14ms	2600-C00 998 s write / PIO Mode 4 / SMART	2600-B00	
Disk controller Display - size and type		1 / supports one internal disk olor 12.1" TFT SVGA color	12.1" Dual Scan	SVGA color
Display - techology	12.1" SVGA color / 640 x		12.1" SVGA color /	640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio
Graphics - controller Graphics - memory Graph - arch/data path Gaphics - features Graphics - external	C&T TM 65550 HiQV32 TM /6. 1MB EDO DRAM / 70ns PCI 2.1 / interpolation / col Simultaneous LCD and CF External SVGA to 1024 x 7	or space conversion RT / 180 degree tilt / Zoomed Video	support	
Memory - std / max Memory - implement Memory - features Memory - upgrade	60ns / non-parity / 3.3 volt	stalled in one of two sockets / EDO / memory installed from bott JEDEC 144 pin EDO SO-DIMM o		WINDOWS 95 PRELOAD ¹⁶ - Microsoft Windows 95 OSR2 (FAT16) - Internet Explorer 4.0
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint® III / no drag lo	l remains flat (no sloop) / no liftup k	•	Notebook Manager (no diskette factory) I. IBM Anti-Virus IntelliQuest Registration Mailer ThinkPad Customization Icon
Dimensions Weight ²	11.7 x 8.9 x 2.0" (208 cub 6.6 pounds (3.0 kg)	ic inches) / 298 mm x 227 mm x 50 6.6 pounds (3.0 kg)	mm 6.9 lbs (3.1 kg)	CD-ROMs included in shipping carton: - Application CD-ROM (includes
Battery - life	3.0 hours 3.5 to 10 hrs / 2.0 hrs / no r	2.8 hours non-disruptive battery exchange tery unique to 310 / insert from righ	3.0 hours	W95/W31/DOS device drivers, preloaded applications) - Windows 95 CD-ROM (no installation; includes Setup Boot Diskette)
Architecture Docking Station Port replicator PCMCIA™ slots Serial / parallel ports Other features	PCI 2.1 / 32-bit / 33 Mhz (NS PC87336VJG (diskett None None 2 Type I or 2 Type II or 1 Ty CardBus 32-bit PCI / Zooi One 9 pin; 16550A / one (I Universal AC Adapter 3 pr	I, parallel) / ALI® Aladdin III M1521 EIDE, graphics, PCMCIA) e, serial, parallel) / TI PCI1131 Car /pe III / PCMCIA 2.1 compatible / PC med Video support in lower slot EEE P1284-A, EPP, ECP, bidirecti ong (45 watts) with barrel connects .2 / Selectable boot / Acer® BIOS	rdBus (PCI) C Card Standard 95 onal) or (slim) /	
Video in/out MPEG decoder Data/fax modem Audio support Audio jacks Telephone Infrared ports	Internal stereo speakers /	ce MIDI FM synthesis / Yamaha Y 5 watt / Fn key volume control o output jack (3.5 mm) / stereo mic ja		
Security	Power-on password / Setu	p password (for Notebook Manage tect and disable / security keyhole	er and BIOS Utility)/	System does not have non-disruptive
Preinstalled software Limited warranty ¹¹	Microsoft® Windows® 95 w 1 year - carry-in	ith applications (listed on right)		battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.
BIOS Utility is entered ThinkPad logo is displ	by holding F2 while the ayed after power on.	OPTIONS 2.1GB disk 13/14ms (user upgrad	deable) 11J8643	No suspend mode; has standby and hibernation mode
Fn + F1 = Hot key help Fn + F2 = Brightness/contrast Fn + arrows = Adjust brightness/contrast Fn + F3 = LCD/CRT/Simultaneous Fn + F4 = Fuel gauge Fn + F5 = Audio volume Fn + arrows = Adjust volume Fn + F6 = Power mgmt and system info Fn + F7 = Standby Fn + F8 = Hibernation Fn + Esc = Close Hot key icon		2.1GB disk 13/14ms (user upgrad 3.2GB disk 13/14ms (user upgrad NiMH Battery AC Adapter, 3 prong without pow 16MB SO DIMM 3.3v NP EDO 64-b 32MB SO DIMM 3.3v NP EDO 64-b 10X CD-ROM w/ external FDD/c (dealer installable only) 20X-8X CD-ROM w/ external FD (dealer installable only) 20X-8X Portable CD-ROM 20X-8X Portable Stereo CD-ROM PCMCIA 33.6Kbps International PCMCIA 33.6Kbps Modem w/ X.	deable) 05K8864 11J8639 ver cord 11J8699 iit, gold 11J8636 iit, gold 11J8637 able 11J8676 D/cable 05K8867 1969010 1 1969011 Data/Fax 42H4319	FEATURES Plug and Play 1.0a Standby and hibernation modes Color LED indicator ENERGY STAR compliant Personalized nameplate indention International Warranty Service¹⁴ IBM SystemXtra™ 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service
	-	PCMCIA 33.6Kbps Modem w/ X.	JACK 55H6759	

運知 ThinkPad® 310ED (Retail models) - withdrawn

Pentium® MMX™ 133/6	6MHz ¹	Pentium MMX 166/66MHz			
256KB / write-back / dir External FDD port (worl External 3.5" 1.44MB (c	ect mapped / 7ns / ks with standard ex connect to rear)	sychronous pipelined burst ternal diskette on CD-ROM-based m	,		
2600-50U 087944375975 Windows 95 OSR2 November 1997 / May 1 1.6GB ⁴ / 13ms/14ms / F	PIO 4 / SMART 2.1GB / 13ms read; 14ms write / PIO Mode 4 / SMART				
12.1" Dual Scan SVGA	color				
C&T™ 65550 HiQV32™, PCI 2.1 / interpolation / o Simultaneous LCD and	/ 64-bit SVGA accel color space convers CRT / 180 degree t	erator / 1MB EDO DRAM / 70ns sion ilt / Zoomed Video support			
60ns / non-parity / 3.3 vo	olt / EDO / memory	installed from bottom of system	WINDOWS 95 PRELOAD ¹⁶ - Microsoft Windows 95 OSR2 (FAT16)		
Full size alp/num / 85 ke Large palm rest / keyboo TrackPoint® III / no drag	ys (9 Fn key function ard remains flat (no lock keys	ons) sloop) / no liftup keyboard	 Internet Explorer 4.0 AOL, AT&T WorldNet, CompuServ Media Player ActiveMovie (MPEG-1, AVI) Video for Windows 		
11.7 x 8.9 x 2.0" (208 ci	ubic inches) / 298 n	nm x 227 mm x 50 mm	- CD Audio Player		
3.0 hours 3.5 to 10 hrs / 2.0 hrs / n	o non-disruptive ba	ittery exchange	- MIDI Sequencer 1. Lotus® SmartSuite 97 - WordPro Work Processor - 1-2-3 Spreadsheet - Freelance Graphics		
PCI 2.1 / 32-bit / 33MHz NS PC87336VJG (diske None None 2 Type I or 2 Type II or 1 CardBus 32-bit PCI/Zc One 9 pin; 16550A / one Universal AC Adapter 3	z (EIDE, graphics, I ette, serial, parallel Type III / PCMCIA 2 comed Video supp (IEEE P1284-A, E prong (45 watts) wi	- Approach Database - Organizer Scheduler - ScreenCam 2. IBM Anti-Virus 3. PointCast (with ThinkPad Channel) 4. ThinkPad Customization Icon 5. Notebook Manager 6. Ergonomics 7. IntelliQuest Registration Mailer 8. Password Protected Marketing Demo			
Internal stereo speakers	s / .5 watt / Fn key v	olume control	9. PhoenixCard Manager - (no diskette factory) CD-ROMs included in shipping carton: - Application CD-ROM (includes Lotus SmartSuite 97, W95/W31/DOS device drivers, preloaded applications)		
None None			 Windows 95 CD-ROM (no installation; includes Setup Boot Diskette) 		
Power-on password / Se diskette and disk write p	rotect and disable /	Notebook Manager and BIOS Utility)/ security keyhole /	Contain describer		
Microsoft® Windows® 95 1 year - carry-in	with applications (isted on right)	System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.		
	- 2.1GB disk 13/	OPTIONS 14ms (user upgradeable) 11.18643	No suspend mode; has standby and		
Fn + F1 = Hot key help Fn + F2 = Brightness/contrast Fn + arrows = Adjust brightness/contrast Fn + F3 = LCD/CRT/Simultaneous Fn + F4 = Fuel gauge Fn + F5 = Audio volume Fn + arrows = Adjust volume Fn + F6 = Power mgmt and system info Fn + F7 = Standby Fn + F8 = Hibernation Fn + Esc = Close Hot key icon		ns (user upgradeable) 05K8864 11J8639 orong, US pwr cord, 45 wa 11J8702 4 3.3v NP EDO 64-bit, gold 11J8637 bps International Data/Fax 42H4319 bps Modem w/ XJACK 55H6759	FEATURES Plug and Play 1.0a Standby and hibernation modes Color LED indicator ENERGY STAR compliant Personalized nameplate indention Year 2000 ready International Warranty Service ¹⁴ 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service		
	Pentium® MMX™ 133/6 None MMX technology / P550 256KB / write-back / dir External FDD port (worl External FDD port (worl External 3.5" 1.44MB (c 10x° CD-ROM / bootabl 2600-50U 087944375975 Windows 95 OSR2 November 1997 / May 1 1.6GB⁴ / 13ms/14ms / FEIDE / busmaster / PCI 12.1" Dual Scan SVGA 12.1" SVGA color / 640 256 simultaneous color C&T™ 65550 HiQV32™ PCI 2.1 / interpolation / c Simultaneous LCD and External SVGA to 1024 16MB / 64MB / one SO- 60ns / non-parity / 3.3 vc 1 socket available for J Full size alp/num / 85 ke Large palm rest / keyboo TrackPoint® III / no drag Integrated palm rest / ex 11.7 x 8.9 x 2.0" (208 ci 7.1 lbs (3.2 kg) 3.0 hours 3.5 to 10 hrs / 2.0 hrs / n NiMH / non-intelligent / ki ISA (audio, diskette, set PCI 2.1 / 32-bit / 33MHz NS PC87336VJG (disket None None 2 Type I or 2 Type II or 1 CardBus 32-bit PCI/Zc One 9 pin; 16550A / one Universal AC Adapter 3 APM-aware BIOS / APM None None Power-on password / Se diskette and disk write p electronic personalizatio Microsoft® Windows® 95 1 year - carry-in 1 by holding F2 while the layed after power on. nelp ss/contrast brightness/contrast T/Simultaneous ge lume volume gmt and system info ion	Pentium® MMX™ 133/66MHz¹ None MMX technology / P55CLM / 64-bit to tran: 256KB / write-back / direct mapped / 7ns / External FDD port (works with standard ex External 3.5" 1.44MB (connect to rear) 10x° CD-ROM / bootable (left side) / CAV 2600-50U 087944375975 Windows 95 OSR2 November 1997 / May 1998 1.6GB⁴ / 13ms/14ms / PIO 4 / SMART EIDE / busmaster / PCI 2.1 / supports one 12.1" Dual Scan SVGA color 12.1" SVGA color / 640 x 480 or 800 x 600 2566 simultaneous colors / Dual Scan / 30t 256 simultaneous LCD and CRT / 180 degree texternal SVGA to 1024 x 768 with 256 color 12.1" SVGA color / 640 x 480 or 800 x 600 256 simultaneous LCD and CRT / 180 degree texternal SVGA to 1024 x 768 with 256 color 16MB / 64MB / one SO-DIMM used 60ns / non-parity / 3.3 volt / EDO / memory 1 socket available for JEDEC 144 pin EDC Full size alp/num / 85 keys (9 Fn key functic Large palm rest / keyboard remains flat (no TrackPoint® III / no drag lock keys Integrated palm rest / external keyboard sup 11.7 x 8.9 x 2.0" (208 cubic inches) / 298 n 7.1 lbs (3.2 kg) 3.0 hours 3.5 to 10 hrs / 2.0 hrs / no non-disruptive ba NiMH / non-intelligent / battery unique to 31 ISA (audio, diskette, serial, parallel) / ALI® PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, I NS PC87336VJG (diskette, serial, parallel) None None 2 Type I or 2 Type II or 1 Type III / PCMCIA: CardBus 32-bit PCI / Zoomed Video supp Dne 9 pin; 16550A / one (IEEE P1284-A, E Universal AC Adapter 3 prong (45 watts) wi APM-aware BIOS / APM 1.2 / Selectable b None None Power-on password / Setup password (for I diskette and disk write protect and disable / electronic personalization Microsoft® Windows® 95 with applications (i 1 year - carry-in 1 by holding F2 while the ayed after power on. 1 elp Sorightness/contrast T/Simultaneous 2 - 2.1GB disk 13/ 3.2GB disk 12/ 3.2GB disk 13/ 3.2GB disk 12/ 3.2GB disk 12/ 3.2GB disk 12/ 3.2GB disk 13/ 3.2GB disk 12/ 3.2GB di	Pentium® MMX*** 133/66MHz** None MMX technology / P55CLM / 64-bit to transfers to L2 cache and memory 256KB / write-back / direct mapped / 7ns / sychronous pipelined burst External FDD port (works with standard external diskette on CD-ROM-based m External 3.5*1 d.4MM (connect to rear) 10x° CD-ROM / bootable (left side) / CAV 20X-8X° CD-ROM / bootable (left side) 2600-50U 2600-50U 2600-50Y Windows 95 OSR2 November 1997 / May 1998 1.6G8*/ 13ms/14ms / PIO 4 / SMART 13GB / 13ms read; 14ms write / PIC 11DE / busmaster / PCI 2.1 / supports one internal disk 12.1** Dual Scan SVGA color 12.1** SVGA color / 640 x 490 or 800 x 600 256 simultaneous colors / Dual Scan / 30 to 1 contrast ratio 12.1** SVGA color / 640 x 490 or 800 x 600 256 simultaneous LCD and CRT / 180 degree tilt / Zoomed Video support External SVGA to 1024 x 766 with 256 colors 16MB / 64MB / one SO-DIMM used 60ns / non-parity / 3.3 volt / EDO / memory installed from bottom of system 1 socket available for JEDEC 144 pin EDO SO-DIMM of 8, 16, or 32MB 11 size alphymum / 55 keys (9 Fn key functions) Large palm rest / keyboard remains flat (no sloop) / no liftup keyboard 17rackPoint** III / no drag lock keys 11.1** 8.9 x 2.0** (208 cubic inches) / 298 mm x 227 mm x 50 mm 15.4 (audio, diskette, serial, parallel) / ALI** Aladdin III M1521/M1523 chipset PCI 2.1** 1732-bit / 33MHz (EIDE, graphics, PCMCIA) NS PCB736VJG (diskette, serial, parallel) / TTP CI1131 CardBus (PCI) None None None 16-bit audio chip / 18 voice MIDI FM synthesis / Yamaha YMF715 Internal stereo speakers / .5 watt / Fn key volume control Input jack (3.5 mm) / stereo output jack (3.5 mm) / stereo original of the syctomic of the syctomic of the syctomic original of the syctomic original of the syctomic original origin		

IBM ThinkPad 345 (non-US) - withdrawn

IBM [®] ThinkPad [®] :	→ 345CS dual scan color	≈ 345C TFT color			ad 345 is a fast, lightweight, full function, dual scan color notebook at a very
Processor type Processor speed Memory cache Coprocessor socket Processor / L2 upgrade Diskette drive Removable CD-ROM	IntelDX4 75/25 MHz / 3.3 volt 16 KB internal (no L2 cac Integrated in DX4 None 3.5" 1.44 MB (not removal None	,	8 c c c c c c c c c	attractiv ⇒ Entry ⇒ Larg ⇒ Fast ⇒ Ligh	ve price point y priced ThinkPad e color 10.4" dual scan or TFT display IntelDX4 75/25 MHz tweight (5.2 or 5.5 pounds) kPoint III
Price Type - model IDE disk - size Hard drive - speed Avail / withdrawn date	\$ 2610-EYF 2610-EYG 540 MB 13 ms 13 ms Sep 1995 / Jan 1996	360 MB	\$ 2610-FYG 540 MB 13 ms 1996		
Display - type Display - colors Display - techology Display - diagonal size Display - contrast ratio 180 degree display tilt	VGA color / 640 x 480 256 simultaneous colors Dual Scan - passive matri 10.4 inch 20 to 1 Yes	VGA color / 640 256 simultaneou Black Matrix TF 10.4 inch 100 to 1 Yes			
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A Rev C with 1 Western Digital / External VL-Bus local bus / 32 bit /	SVGA to 1024 x 768 v		to 60 Hz))
Memory - std / max Mem - sockets empty Mem - options available	4 MB / 20 MB 70 ns / nor 1 socket 4, 8, 16 MB IC DRAM	n-parity / 5 volt	Memory upgraded 1 open socket for I memory card for 20	IC DRAN	
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 keys 7 (in any appl) None TrackPoint III™ (no drag I Yes (with optional cable)				PREINSTALLED APPLICATIONS - IBM PC DOS 7.0
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 1.9" 184 inches Black 5.2 pounds	11.7 x 8.3 x 2.0" 194 inches Black 5.5 pounds			- Windows 3.11 - IBM PC Card Director for PCMCIA - IBM ThinkPad Demo - ThinkPad features; Diskette Factory 1. Lotus® cc:Mail, for the IBM Global®
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) / no 2.5 to 5 hours 2 hrs / 1.5 hr	n-intelligent	Fn key functions: - Fuel guage (batte - Standby mode	ery)	network, 2. Lotus Organizer 1.12 3. Lotus ScreenCam 1.0,
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) None None 1 Type I or 1 Type II or 1 Tyes (one 9 pin) 16550A/		- Suspend mode - Audio volume - LCD or CRT or b - Power managem - Hibernation mode	nent mod	4. Triton CoSession™ Host, 5. PRODIGY®, 6. SofNet FaxWorks™ 3.0 7. AlphaNet™ FollowFax™ 8. Sedona REPRINT™ 9. Video for Windows™ 1.1 Runtime
Other features Audio support Security	APM-aware BIOS / Selectable boot AC adapter, 35 watts, worldwide, 3 pin, not wallmount Audio beep only Power-on password Locking device keyhole (Kensington™ MicroSaver™ cablelock)				5. VIGOTOL WINGOWS T. I RUIRING
Preinstalled software Warranty Warranty options	IBM DOS 7.0, Windows™ 1 year - ThinkPad EasySe None		ed to right:		
The ThinkPad 345 fam	nily has the same	Options for 345:			FEATURES OF 345 FAMILY

The ThinkPad 345 family has the same
physical design as the ThinkPad 340

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards;
- ability to automatically launch an appl (e.g. async emulation) when card inserted;
- status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

Hard disk and diskette drive are not removable. Keyboard does not lift up.

- 4 MB IC DRAM 70 ns Parity 8 MB IC DRAM 70 ns Parity 92G7232 92G7233
- 6 MB IC DRAM 70 ns Parity 92G7233 4 MB IC DRAM 70 ns non-Parity 92G7236 8 MB IC DRAM 70 ns non-Parity 92G7237 16 MB IC DRAM 70 ns non-Parity 92G7424
- NiMH Battery Pack (Worldwide) 85G7637 NIMH Battery Pack (Worldwide) 85G7637 NiMH Battery Pack (Japan) 95G7638 NiMH Battery Pack (EMEA) 85G7605 35 watt AC Adapter (Worldwide) 85G6680 35 watt AC Adapter (Japan) 85G6682 35 watt AC Adapter (EMEA) 85G6683

IC DRAM parity memory from the above options will work but without parity

FEATURES OF 345 FAMILY

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

HELPWARE

International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-565-3344 in Canada, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). \square = Upgradeable; \bigcirc = Removable; \Rightarrow = Withdrawn from marketing

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (345) Compiled by Roger Dodson, IBM. May 1996

III ThinkPad 350, 350C, 500, 510Cs - withdrawn

IBM® ThinkPad®:	≈350	≈350C	≈500	≈510Cs	
	monochrome	passive color	sub-notebook	color sub-notebook	
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	All: 25 MHz All: 8 KB internal (no L2) All: No		80486 SLC2 50/25 MHz 16 KB internal (no L2) No External 3.5" 1.44 MB	Blue Lightning 486BL2-50 50/25 MHz 16 KB internal (no L2 cache) No External 3.5" 1.44 MB (9 oz.)	
Price (retail USD) Type - model Hard drive - size Hard drive - speed Avail / withdrawal date	\$1,499 2618-J0A 125 MB 15 ms June 93 / withd Sep 94	\$1,599 \(\) \$1,999 \(\) 2618-N0A 2618-P0A 250 MB 15 ms 12 ms June 93 / withd Sep 94	\$ 799 \(\) \$ 999 \(\) 2603-08N 2603-17N 85 MB 170 MB 15 ms Dec 93 / withd Jan 95	\$1,799 \(\) Fn+F2 = Fuelguage 2604-C2U Fn+F3 = Setup 200 MB Fn+F4 = Suspend 17 ms Fn+F5 = Speaker June 94 / w May 95 Fn+F6 = Sysrequest	
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales STN LCD - Backlit 9.5 inch 18 to 1 Yes (external SVGA)	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.2 inch 13 to 1; Single scan Yes (external SVGA)	VGA mono 64 grey scales STN LCD - backlit 7.24 inch 18 to 1 Yes (external SVGA)	VGA color $Fn+F7 = CRT/LCD$ 256 colors 640 x 480 $Fn+F8 = Rev$ video STN - passive matrix $Fn+F9 = Num Lock$ LCD - backlit $Fn+F10 = Scroll Lock$ 7.7 inch $Fn+F11 = Print Scro$ 14 to 1; Single scan $Fn+F12 = Hibernation$ Yes (external SVGA)	
Graphics - controller Graphics - vendor Graphics - arch/data path	ntroller All: 65530 / External VGA is ISO capable (75Hz)		WD90C26 Western Digital ISA 16 bit	WD90C24A2 / 1 MB video mem Western Digital VL-Bus / VESA 32 bit local bus	
Memory - std / max Mem - sockets empty Mem - options available	All: 4 / 20 MB 80 ns All: 1 socket (non-parity) All: 4, 8, 16 MB SIMMs Suspend/resume buttn		4 / 12 MB 80 ns 1 socket (non-parity) 4, 8 MB ICs (3.3 volt)	4 / 20 MB 80 ns 1 socket (non-parity) 4, 8, 16 MB ICs (3.3 volt)	
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/8 All: 2 (in any appl) All: Yes (back panel) All: TrackPoint IITM All: Yes (with opt cable	Fn+F1= Configuration Utility Fn+F2= Reverse video	90% size alp/num/ 81 11 (in any appl) No TrackPoint II No	90% size alp/num/ 81 15 (in any appl) No TrackPoint II Yes (on MultiPort)	
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.9" 184 inches Many options Black 5.2 pounds	11.7 x 8.3 x 2.0" 194 inches Many options Black 5.8 pounds	10.1 x 7.2 x 1.6" 116 inches Many options Black 3.4 pounds / 3.7 (170M)	10.1 x 7.2 x 1.7" 124 inches Many options Black 4.0 pounds $Fn+Q = Inc \ brightness$ $Fn+A = Dec \ brightness$ $Fn+W = Inc \ contrast$ $Fn+S = Dec \ contrast$	
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) 2.7 to 9 hours 2 hrs / 1 hr	Nickel hydride (NiMH) 2 to 7.5 hours 2 hrs / 1 hr	Nickel hydride (NiMH) 3.5 to 9 hours 3 hrs / 1.5 hrs	Nickel hydride (NiMH) 2.5 to 8 hours 2.5 hrs / 1.5 hrs Enter Setup by CTRL+ALT+F3 from DOS prompt	
Architecture Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Visible LEDs - closed Serial / parallel ports	All: AT bus (ISA) All: No All: No All: Modemonly All: 1 Type I or 1 Type II All: Yes All: Yes / Yes		AT bus (ISA) No (withdrawn 500 No had sealed lead No acid battery) 1 Type I or 1 Type II Yes Yes (cable) / Yes (EPP)	AT bus (ISA) No Yes (MultiPort ships standard) No 1 Type I or 1 Type II Yes Yes (MultiPort) / Yes (EPP)	
APM-aware BIOS Other features	All: APM-aware BIOS	oter	APM-aware BIOS	APM-aware BIOS Microsaver™ security connector	
Preinstalled software	All: Wallmount AC adapter All: Personalized nameplate in indentation All: Coupon book with \$4,000 in savings All: IBM DOS 5.02, PRODIGY®		Hibernation mode Personalized nameplate Coupon book w/ sav IBM DOS 6.1,PRODIGY After July 1 only on 17N: see below	Hibernation mode Personalized nameplate in indentation Personal greeting screen at startup IBM DOS 6.3, Windows 3.1, Demo, and 8 appls listed below	
Warranty	All: 1 year - carry in or	EasyServ (opt onsite)	1 year - carry in or EasyServ (opt onsite)	1 year - carry in or EasyServ (optional onsite for \$40 a year)	

FEATURES OF 500 and 510Cs

500: External cable has 2 connectors for serial port and external diskette drive510: External cable has 1 connector for external diskette drive (serial port on

MultiPort).

MultiPort: A port replicate

MultiPort: A port replicator with connectors for diskette drive, external display, mouse/ keyboard, and serial device (ships with 510Cs). Plugs into 160 pin connector on back.

3 power saving modes: doze, suspend, hibernation

Batteries in 500 and 510Cs are NOT compatible

SOFTWARE PREINSTALLED ON 500-17N (after July 1, 1994) and 510Cs

IBM DOS 6.3, Windows 3.1, Demo, and 8 appls:

① Lotus cc:Mail, ② Lotus Organizer 1.12, ③ Lotus ScreenCam 1.0, ④ Official Airline Guide Flight Disk 1.0, ⑤ Triton CoSession Host, ⑥ PRODIGY, ⑦ America Online.

® SofNet FaxWorks 3.0

EasyPlaying (PC Card Director™) is preloaded and on the utility diskette for DOS, Windows and OS/2; it provides status and info on PCMCIA cards installed. In Windows and OS/2, it can register an appl for PCMCIA cards and execute them automatically. Auto Configurator and Memory Device Driver enables supported PCMCIA cards by sensing them automatically (so do not need to install their device drivers).

FEATURES OF ALL PRODUCTS

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International travelers warranty IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

ThinkPad 500 memory (4, 8 MB IC 3.3 volt) is compatible with ThinkPad 510Cs.

ThinkPad 510Cs MultiPort is NOT compatible with ThinkPad 500.

運 ThinkPad 355 - withdrawn

IBM [®] ThinkPad [®] :	355 monochrome	355Cs dual scan co	olor	355C TFT cold	or	
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	All: 80486 SX (no math co All: 33MHz 3.3 volt (SL E All: 8KB internal (no L2 ca All: No All: 3.5" 1.44MB O	processor) nhanced)	501	11 1 6016	,,	ALL 355 MODELS Liftable (pop-up) keyboards
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date	\$1,899 2619-115 125MB 1 15ms 1 June 94	\$2,599 2619-K20 170MB 15ms O June 94	\$2,849 2619-K25 250MB 14ms O June 94	\$3,399 2619-L50 125MB 15ms July 94	250MB □	and remove: ① diskette drive ② disk ③ battery ④ memory
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt Graphics - controller	VGA mono 64 grey scales 640 x 480 STN LCD - Backlit 9.5 inch 18 to 1 Yes All: WD90C24A2 with 1ME	VGA color 256 colors 6 STN - passi LCD - Backl 9.5 inch Du 20 to 1 Yes	ve matrix lit ual scan	TFT - ac LCD - Ba 8.4 inch 100 to 1 Yes	rs 640 x 480 tive matrix acklit	
Graphics - vendor Graph - arch/data path Memory - std / max Mem - sockets empty	All: Western Digital / Exter All: VL-Bus / 32-bit VESA I All: 4 / 20MB 70ns All: 1 socket (non-parity) All: 4, 8, 16MB ICs (5.0 vo	nal SVGA to 1024 local bus / Simulta	Ix768 with 256 color aneous LCD and CR	rs RT	reduce weight, @ (CDPD), @ (3550 (on screen TV/VC other third party o	n be removed ⊕ to to to insert cellular modem Conly) to insert TV Tuner CR playback), or ⊕ to adoptions.
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 85 All: 10 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with optional cabl	,	Fn + F3 = Fn + F4 = Fn + F5 = Fn + F6 =	Fuel guage Standby Suspend Audio off/ Audio on/	Fn + F8 = Fn + F9 = down Fn + F11 = up Fn + F12 =	Ext display/LCD Reverse video (mono) Hi-intensity text (mono) Power mgmt Hibernation mode
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Many options Black 5.6 pounds	11.7 x 8.3 x 194 inches Many option Black 6.2 pounds		11.7 x 8. 185 inch Many op Black 6.1 poun	es tions	
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride 4.6 to 10 hours 2 hrs / 1.5 hr	Nickel hydrid 3 to 7 hours 2 hrs / 1.5 h		Nickel hy 3.5 to 7 h 2 hrs / 1.	/dride nours	
Architecture Docking Station Port replicator Data/fax modem PCMCIA 2.01 slots Serial / parallel ports	All: AT bus (ISA) All: No All: No All: 2400 data / 4800 recei All: 1 Type I or 1 Type II o All: Yes (one 9 pin) / Yes		d fax	: : :	and 755) is optional. T is lower cost, easy to o switch control is requi	standard in ThinkPad 75 The ThinkPad 355 batter use because no storage- ired, and shows % of pared to hours of remainin
Other features Security	All: APM-aware BIOS / Se All: Wallmount AC adapter All: Hibernation mode sa All: Power-on password / h	without powercon ves memory to dis	sk and shuts off syst	tem		otional Security Base
Preinstalled software	All: MS DOS 6.21, Window ① Works for Windows, ③ ThinkPad Index, ④ C	② ThinkPad Fitne Official Airline Guid	ess, de Flight Disk® 1.0,			,
Warranty	⑤ Triton CoSessions™All: 1 year - carry in to reta				ofNet FaxWorks™ 3.0)
755. EasyPlaying (PC Card preinstalled and on the Windows and OS/2; it on PCMCIA cards insta	ThinkPad 360, 750, and Director™) is utility diskette for DOS, provides status and info alled. In Windows and	amily: - Hard disks (170, - 1.44MB diskette - CDPD Mobile Co - Keyboard/mouse - 355 battery does	ommunications Mod	MB) lule ad 750/	3 power saving mode and hibernation Personalized namep External VGA is ISO Upgradeable disks: 1 540MB, 810MB (al Battery life indicator	170MB, 250MB, 340MB, I 2.5 inch)
and execute them auto Configurator and Mem- enables supported PCI them automatically (so their device drivers). T ThinkPads 355, 360, 5 Easy-Setup is entered	matically. Auto ory Device Driver MCIA cards by sensing do not need to install his utility ships with 10Cs, and 755 family. by holding F1 when	AC Adapter Memory from Thin s NOT compatible C Memory from T and 755 will work I ThinkPad 750 and compatible ONLY	hinkPad 700, 720, 7 but without parity.		Non-disruptive batte US EPA Energy Star IBM or retailer warr 30 day money back 24 hour / 7 day fax 24 hour / 7 day bull 24 hour / 7 day tele 1-800-772-2227	r compliant anty/service guarantee support etin board support
	o, BIOS, and diagnostics	TV tuner	in rimin ad ooce.			

IBM® ThinkPad®:	≈ 360	≫360Cs	×360C	×360P	★ Traveling Multimedia
	monochrome	dual scan color	TFT color	color pen	preconfigured system
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	All: 80486 SX (no math All: 33 MHz 3.3 volt (\$ All: 8 KB internal (no L All: No All: 3.5" 1.44 MB ①	SL Ėnhanced) 2 cache) <i>The remove</i> optional 'FD	d diskette drive can be u D External Kit' (includes Port Replicator Model I	cable and enclosure;	A preconfigured, multimedia 360Cs ; Available June 94; Withdrawn May 1995 Part #2337290
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date	\$1,899 \$2,299 2620-00D 2620-00F 170 MB 340 MB 1 15 ms 14 ms May 94 / withd May 95	\$2,349 \$2,749 2620-20D 2620-20F 170 MB 340 MB 1 15 ms 14 ms 0	\$2,299 \ \$2,599 \ 2620-30F 170 MB \ 340 MB \ 15 ms \ 14 ms \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\$2,899 \$3,399 2620-50D 2620-50F 170 MB 340 MB 1 15 ms 14 ms 3 June 94 / withd Dec 95	\$5,299 Included with the IBM Traveling Multimedia: Hardware:
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 64 grey scales 640 x 480 STN LCD - Backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.5 inch Dual scan 20 to 1 Yes	VGA color 256 colors 640 x 480 TFT - active matrix LCD - Backlit 8.4 inch 100 to 1 Yes	VGA color 256 colors 640 x 480 STN - passive matrix LCD - Backlit 9.5 inch Dual scan 18 to 1 Yes	- 360Cs (all features listed on left) - 16 bit Mwave® audio chip on adapter card - Stereo in/out jacks - 340 MB removable hard disk - 8 MB memory (4 MB
Graphics - controller Graphics - vendor Graph - arch/data path		1 MB DRAM / Graphics \ xternal SVGA to 1024 x SA local bus / Simultane	768 with 256 colors	Incudes untethered stylus to write on pen-enabled screen	std + 4 MB IC DRAM) - 14.4 Data/Fax modem (PCMCIA)
Memory - std / max Mem - sockets empty Mem - options available	All: 4 / 20 MB 70 ns All: 1 socket (non-par All: 4, 8, 16 MB ICs (5.0	ity) cellular modem 0 volts) screen TV/VCR		to insert TV Tuner (on the third party options.	- Dock I (Docking Station) - CD-ROM/XA - double
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/8 All: 10 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with optional of	Fn + F3 = Star Fn + F4 = Sus Fn + F5 = Aud	ndby Fn + F8 = pend Fn + F9 = io off/down Fn + F11 =	Ext display/LCD Reverse video (mono) Hi-intensity text (mono) Power mgmt Hibernation mode	speed and Kodak Photo CD multisession - Dock I Carrying Case - Interlink® ProPoint™
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Many options Black 5.6 pounds	11.7 x 8.3 x 2.0" 194 inches Many options Black 6.2 pounds	11.7 x 8.3 x 1.9" 185 inches Many options Black 6.1 pounds	11.7 x 8.3 x 2.1" 204 inches Many options Black 6.8 pounds	- Asymetrix® COMPEL™ (on screen multimedia presentations) - Asymetrix MediaBlitz!™ (library of media clips)
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride 4.6 to 10 hours 2 hrs / 1.5 hr	Nickel hydride 3 to 7 hours 2 hrs / 1.5 hr	Nickel hydride 3.5 to 7 hours 2 hrs / 1.5 hr	Nickel hydride 3.3 to 7 hours 2 hrs / 1.5 hr	- LapLink® V - Picture Factory™ - TalkWorks™
Architecture Docking Station Port replicator Modem/serial slot PCMCIA 2.01 slots Serial / parallel ports	All: AT bus (ISA) All: Yes (Dock I and II; All: Yes (Port Replicate All: No All: 2 Type I or 2 Type All: Yes (one 9 pin) / Ye	or I and II) II or 1 Type III	and 755) is optional. The is lower cost, easy to us switch control is require		- Sound Effects Library™ - ClickART™ 2000 ALL 360 MODELS Liftable (pop-up) keyboard to access and remove diskette
Other features Security	All: Hibernation mode	pter without powercord versions are saves memory to disk a	and shuts off system		drive, disk, battery, and memory
Security All: Power-on password / Hard disk pássword / Hardware sećurity loop / PCMCIA card lock / Optional Security Base Preinstalled software All: IBM DOS 6.3, Windows 3.1, Demo, and 8 applications: 360P includes software to left and ① Lotus cc:Mail, e-mail for Advantis network, ② Lotus Organizer 1.12, ② PenDOS 2.2, ② IBM ThinkWrite, ③ Lotus ScreenCam 1.0, ③ Official Airline Guide Flight Disk 1.0, ③ Windows for Pen Computing 1.0 ⑤ Triton CoSessions™ Host, ⑥ PRODIGY™, ② America Online™, ⑥ SofNet FaxWorks™ 3.0 Warranty All: 1 year - carry in or EasyServ (optional onsite for \$40) / International travelers warranty					
The Think Ded 200 fem		Compatible in all 360	•	FEATURES OF SOO	

The ThinkPad 360 family has the same physical design as the ThinkPad 750 and 755.

EasyPlaying (PC Card Director™) is preinstalled and on the utility diskette for DOS. Windows and OS/2; it provides status and info on PCMCIA cards installed. In Windows and OS/2, it can register an appl for PCMCIA cards and execute them automatically. Auto Configurator and Memory Device Driver enables supported PCMCIA cards by sensing them automatically (so do not need to install their device drivers). This utility ships with ThinkPads 360, 510Cs, and 755 family.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in Flash memory.

Compatible in all 360, 750, and 755 family:

- Hard disks (170, 250, 340, 540, 810 MB)
- 1.44 MB diskette drive
- Dock I and Dock II
- Port Replicator I and Port Replicator II
- CDPD Mobile Module (not pen models)
- FDD (diskette) External Attachment kit
- Keyboard/mouse connector
- 360 battery does not work in ThinkPad 750/ 755, but 750/755 battery will work in 360
- Quick Charger
- AC Adapter

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC Memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

ThinkPad 750 and 755 options compatible ONLY in ThinkPad 360C: - TV tuner and AD card

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB,

540 MB, 810 MB (all 2.5 inch)

Battery life indicator

FEATURES OF 360 FAMILY

Non-disruptive battery exchange US EPA Energy Star compliant

International travelers warranty IBM or dealer warranty/service

30 day money back guarantee 24 hour / 7 day fax support

24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

Winstone 94 for 360C = 26.4

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. STN = Super twisted nematic; □ = Upgradeable; ○ = Removable

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III ThinkPad 360CSE / CE - withdrawn

IBM® ThinkPad®:	≈ 360CSE						The 360CSE / CE is the same as the 360 (older models) except:				
Processor type							3	6 0	o (olaci illoac	360CSE / CE	
Processor speed Memory cache Coprocessor socket Removable diskette Removable CD-ROM	50/25 MHz 3.3 volt (SL Enhanced) 8 KB internal (no L2 cache) Integrated in 486DX2 3.5" 1.44 MB / supports internal 2.88 MB diskette None Mono, Dua 486SX - 33 No math cc 170, 340 M						l scan 3 MHz op pos	sible	Dual scan, TFT 486DX2 - 50/25 MHz Integrated math cop 170, 340, 540 MB std More preloaded appls		
Price (retail USD) Type - model Removable disk - size Hard drive - speed Available date	Oct 94 / with	drawn Dec 95	0F						B Liftable (pop-up) keyboard to		
Display - type Display - colors Display - techology Display - size (diag) Display - contrast ratio 180 degree display tilt	9.5 inch 20 to 1 Yes	eous colors passive matrix		256 simultan	T - active matrix Linch U to 1 Externally Kit' (includ to the Port				nally via the o	moved diskette drive can be used ally via the optional 'FDD External cludes cable and enclosure; \$135) Port Replicator Model I and II and and II	
Graphics - controller Graphics - vendor Graph - arch/data path	Western Dig VL-Bus local	bus / 32 bit / 9	SVGA to 1024 x Simultaneous LC		colors (up	o to 7	'5 Hz)	① to	ette drive can reduce weig insert cellula		
Memory - std / max Mem - sockets empty Mem - options available	1 socket		-parity / 5.0 volt					to insert TV Tuner (for on screen TV and VCR playback) to insert 2.88 MB diskette			
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 keys 8 (in any appl) Yes (legs pop out) TrackPoint II TM Yes (with optional cable)							to add other third party options PREINSTALLED APPLICATIONS IBM PC DOS 6.3 Windows 3.11			
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2 194 inches Black 6.2 pounds	2.0"		11.7 x 8.3 x 185 inches Black 6.1 pounds	1.9"			- IE - IE - C		Guide	
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydrid 2.9 to 7 hours 2 hrs / 1.5 hr	s ` ′		Nickel hydric 3.2 to 7 hour 2 hrs / 1.5 hr	s ` ´			1. L n 2. L	otus ^w cc:Mai etwork, otus Organiz	l, e-mail for Advantis [®] er 1.12,	
Architecture Docking Station Port replicator Modem/serial slot PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II No 2 Type I or 2 Type II or 1 Type III Yes (one 9 pin) 16550B / Yes (EPP)					3. Lotus ScreenCam 1.0, 4. Official Airline Guide Flight Disk [®] 1.0, 5. Triton CoSession™ Host, 6. PRODIGY [®] , 7. America Online SM , 8. SofNet FaxWorks™ 3.0 9. Taxi™					
Other features Security	Some model retractable p Hibernation Power-on pa	APM-aware BIOS / Selectable boot Some models will have Wallmount AC adapter without powercord with retractable prongs, 30 watts Hibernation mode saves memory to disk and shuts off system Power-on password / Hard disk password / Hardware security loop / PCMCIA card lock / Optional Security Base						10. S 11. F 12. A 13. S 14. C	econd Nature arallon [®] Rep IphaNet™ Fo edona REPR COMPEL™ Pe	llowFax™	
Preinstalled software Warranty IBM DOS 6.3, Windows™ 3.11, and all appls listed to right: 1 year - carry in or EasyServ (optional onsite for \$40)										-	
The ThinkPad 360 family has the same Compatible in all 360 family, 360CSE / CE,							FFATURES	OF 360 FAMILY			

The ThinkPad 360 family has the same physical design as the ThinkPad 750 and 755

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- ① automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

 status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

	All	All	C/						
Battery compatibility:		<u>750</u>	<u>CS</u>	<u>CD</u>					
84G2392 360 NiMH battery	Y	Ν	Ν	Ν					
66G2846 750 NiMH battery	Υ	Υ	Υ	Ν					
85G1513 NiMH Batt Pack Í		Ν	Ν	Υ					
Y = battery supported; N = not supported									

750 family, 755 family, 755CSE / CE, 755CD:
- Disks: 170 MB IDE disk 66G2849
250 MB IDE disk 84G2391 340 MB IDE disk 66G2849 540 MB IDE disk 84G2150 810 MB IDE disk 84G8250 Dock I (1 slot / 1 bay) 3450001 Dock II (2 slot / 2 bay) 84G3587 Port Replicator I (w/ PCMCIA) 66G3510 Port Replicator II 1.44 MB diskette 66G3520

Options for 360 (not pen), 360CSE / CE, 750 (not pen), 755, 755CSE / CE: CDPD Mobile module 71G2560

2.88 MB diskette

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC Memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

Options only for TFT models - 360C, 360CE, 750C, 755C, 755CE, 755CD - TV Tuner 66G3689

FEATURES OF 360 FAMILY

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

std in newer

66G0108

Non-disruptive battery exchange US EPA Energy Star compliant

HELPWARE

1 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

III ThinkPad 360PE - withdrawn

IBM [®] ThinkPad [®] :	→ 360PE dual scan color - pen		PE has the same features as 360CSE except:				
Processor type Processor speed Memory cache Coprocessor socket Removable diskette Removable CD-ROM	80486 DX2 50/25 MHz 3.3 volt (SI 8 KB internal (no L2 ca Integrated in 486 DX2 3.5" 1.44 MB yeappo		 □ 16 bit audio co □ Audio in and au □ PenDOS, Pen \u00bb 	flat position to write on no audio)			
Price (retail USD) Type - model Removable disk - size Hard drive - speed Avail / withdrawn date	2620-BOF 26 340 MB 0 5 14 ms 14 April 1995 / June 96 June 96	4,049 620-BOG 40 MB □ ○ 4 ms _{uly} 1995 / June 1996			ALL 360 MODELS Liftable (pop-up) keyboard to access and remove diskette drive, disk, battery, and memory		
Display - type Display - colors Display - techology Display - size (diag) Display - pen enabled	VGA color / 640 x 480 256 simultaneous color Dual scan - passive ma 9.5 inch / 20 to 1 cont Pen enabled screen/f	atrix	d batteryless stylus	exte	removed diskette drive can be used rnally via the optional 'FDD External includes cable and enclosure) to the		
Graphics - controller Graphics - vendor Graph - arch/data path		1 MB DRAM nal SVGA to 1024 x 768 with 25 it / Simultaneous LCD and CRT		Port	Replicator Model I and II and Dock I II.		
Memory - std / max Mem - sockets empty Mem - options available	4 MB / 20 MB 70 ns / r 1 socket 4, 8, 16 MB ICs	non-parity / 5.0 volt	Diskette drive can be removed to reduce weight to add other third party options				
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 k 8 (in any appl) Yes (legs pop out) TrackPoint II™ Yes (with optional cable	4 MB IC DRAM 70 ns 5v 8 MB IC DRAM 70 ns 5v 16 MB IC DRAM 70 ns 5v	parity 92G723 parity 92G723	3 F	PREINSTALLED APPLICATIONS - IBM PC DOS 6.3		
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2.1" 204 inches Black 6.8 pounds	8 MB IC DRAM 70 ns 5v 16 MB IC DRAM 70 ns 5v	non-parity 92G723	7 - Po 4 - IB - W - W	enDOS® 2.2 M ThinkWrite 1.21 indows 3.11 indows for Pen computing® 1.0		
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) 3 to 7 hours 2 hrs / 1.5 hr			- 0	- IBM PC Card Director for PCMCIA - Online Users Guide - ThinkPad features 1. Lotus® cc:Mail, for the IBM Global®		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or Yes (one 9 pin) / Yes (E	: 1 Type III :PP)		2. Lo 3. Lo 4. O	network 2. Lotus Organizer 1.12 3. Lotus ScreenCam 1.0 4. Official Airline Guide Flight Disk® 1.0 5. Triton CoSession™ Host		
Audio support Audio in/out jack Other features	Input jack / output jack APM-aware BIOS / Sele AC adapter, 35 watts, w	planar / Crystal Semiconductor [†] ectable boot /orlwide, not wallmount s memory to disk and shuts off	7. Ai 8. So 9. Ta	econd Nature Screen Saver			
Security	Power-on password / H	ard disk password / Hardware so eyboard) / PCMCIA card lock / 0	11. Fa	arallon [®] Replica™ phaNet™ FollowFax™ edona REPRINT™			
Preinstalled software Warranty Warranty options	1 year - ThinkPad Easy	s™ 3.11, pen op systems, and a Serv only nly / ThinkPad EasyServ Overn		14. C	OMPEL™ Personal Edition euters SM Money [®] Network onologue™		
The ThinkPad 360 faming physical design as the family. PC Card Director™ (Ea and on the utility disket.)	ThinkPad 750 and 755 syPlaying) is preinstalled		and hit	FEATURES OF 360 FAMILY saving modes: standby, suspend, pernation lized nameplate in molded indentation			

and on the utility diskette for DOS, Windows and OS/2. It provides:

- ① automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/ removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

 status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

ThinkPad 360PE supported batteries:

- 360 NiMH battery 84G2392 750 NiMH battery750 QuickCharger 66G2846 66G2843

	250 MB IDE	84G2391
	340 MB IDE	66G2849
	540 MB IDE	84G2150
	810 MB IDE	84G8250
-	Dock I (1 slot / 1 bay)	3545001
-	Dock II (2 slot / 2 bay)	3546001
-	Port Replicator I (w/ PCMCIA)	66G3510
-	Port Replicator II	66G3520
-	1.44 MB diskette	std in newer

Options for 360PE:

AC Adapter, 35 watts 85G6680 AC Adapter, 40 watts
AC Adapter, 40 w, wallmount
Car Battery Adapter 49G2165 84G2148 49G2167

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC DRAM memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

Non-disruptive battery exchange US EPA Energy Star compliant

HELPWARE

1 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. □ = Upgradeable; ○ = Removable; ≈ = Withdrawn from marketing

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (360PE) Compiled by Roger Dodson, IBM. June 1996

IIIM ThinkPad 365 (non-CD-ROM models) - withdrawn

IBM® ThinkPad®;	≈ 365CS		≈ 3			ThinkPad 365 strengths:		
Processor Processor upgrade Memory cache Diskette drive CD-ROM	10.4" dual scan Cyrix Cx486DX4™75/2: None 8 KB in DX4 (write back) Internal 3.5" 1.44 MB (no None (cannot upgrade)	/ no L2 cache	MHz / integrated math coprocessor no L2 cache			 Entry-priced notebook Extensive software preload Infrared port Optional Port Replicator with bacharger and palm rest 	attery	
	SelSys Win 95 340 MB 340 MB 13 ms / EIDE Nov 1995 / Jun 96 10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1 Chips and Technologies 512 KB DRAM External SVGA to 1024 x VL-Bus 2.0 local bus / 32	MB 	Sele 540 I 13 m Nov 10.4 VGA 262, 100 I Chip 1 ME colors u	or14 ctaSystem MB s / EIDE 95 / Jun 96 ' Black Matrix color / 640 x 144 simultane to 1 s and Technol B DRAM up to 70 Hz LCD and CRT	eous colors ogies 65545	IBM PC Card Director™ 1.4	ctory	
Memory - std / max Memory - upgrade Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	8 MB / 24 MB 70 ns / nc 1 socket for one JEDEC Full size alp/num / 85 (8 Yes (legs pop out) TrackPoint III™ Yes (with option cable or	72 pin SO DII Fn key function	MM of ons)	4 or 16 MB Liftable (po access and (and upgrad disk); diske	p-up) keyboard to remove battery de memory and tte drive is not	6. SofNet FaxWorks™ 7. Video For Windows™ Runtime 8. Puma TranXit™ 9. Compuserv for Windows 10. NetFinity for Windows and OS/2		
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cul 5.9 pounds NiMH/non-intelligent 3 to 9 hours 6 hrs / 2 hrs		removable			windows 95 PRELOAD - Microsoft Windows 95 - IBM ThinkPad Demo - Online Users Guide		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, dis VL-Bus 2.0 / 32 bit / 25 M None Port Replicator and Char 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one APM-aware BIOS / University	IHz (graphics ger (with built Type III (IEEE P1284,	, disk) -in bat EPP,	tery charger a	nd palm rest)	 ThinkPad features; Diskette Factory Lotus[®] cc:Mail™, e-mail for IBM Global network Lotus Organizer™ Lotus ScreenCam™ Triton CoSession™ Host PRODIGY® SofNet FaxWorks™ 		
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None None None Infrared port in back / I	DA 1.0 compatible / up to 115 Kbps				7. Puma TranXit™ 8. Compuserve for Windows		
Security	Power-on password / Su (Kensington™ MicroSave							
Preinstalled software Warranty	Choice of two preloaded 1 year - ThinkPad EasyS	configurations	s (liste	d to right)				
optional second batte	battery charger for an	- 16 MB SC - 720 MB E	DIMM DIMM EIDE H	13.3v non-parit 13.3v non-parit	y 72 pin 92G7293 D Mode 3 38H6306			

replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin)
- External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

- 810 MB EIDE HDD 13 ms PIO Mode 442H4012 - 1.08 GB EIDE HDD 13 ms Mode 4 69H7956
- Port Replicator and Charger 38H6303 38H6304
- NiMH Battery Pack

Setup is entered by Ctrl + Alt + F11 from any

full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = Standby

Fn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video

Fn + F11 = Powermgmt

Fn + F12 = Hibernation

PgUp = Speaker enable PgDn = Speaker disable

System enters hibernation mode when keyboard is lifted up.

Disk is not removable (like 755/760 systems), but it can be upgraded via tools

FEATURES OF 365 MODELS

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

III ThinkPad 365 (CD-ROM models) - withdrawn

IBM® ThinkPad®:					ThinkPad 365 (CD-ROM models) strengths
Processor	10.4" dual scan - CD-ROM Cyrix Cx 486DX4™ 75/25		0.4" TFT - CD-RO ed math coproces		 Entry-priced CD-ROM notebook Integrated audio, microphone, speaker
Processor upgrade Memory cache Diskette (not internal) CD-ROM (not remove)	None 8 KB in DX4 (write-back) / External 3.5" 1.44 MB (conn) 5.25" CD-ROM / double s	ects to back of sy	ystem) / use simult ession / XA / fro	aneously w/ CD-ROM nt loaded / ATAPI	 Simultaneous external diskette Joystick/MIDI port Infrared port
Display - diagonal size Display - type Display - color Display - contrast Graphics - controller Graphics - external Graph - arch/data path	38H5724 41H86 SelectaSystem 540 MB 13 ms / EIDE Nov 1995 / Jun 96 10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1 Chips and Technologies™ External SVGA to 1024 x 10 VL-Bus 2.0 local bus / 32 to	63 38 8 5	GA color / 640 x 62,144 simultane 00 to 1 MB DRAM ors up to 70 Hz ous LCD and CRT	eous colors	SELECTASYSTEM PRELOAD - IBM DOS 7.0 - Windows 3.11 - OS/2® Warp 3.0 (dual boot) with selected Bonus Pak applications - IBM PC Card Director™ 1.4 - IBM ThinkPad Demo - Online Users Guide - ThinkPad features; Diskette Factory 1. Lotus® cc:Mail™, e-mail for IBM Global® Network 2. Lotus Organizer™ 3. Lotus ScreenCam™ 4. Triton CoSession™ Host
Memory - std / max Mem - upgrade	8 MB / 24 MB 70 ns / non 1 socket for one JEDEC 7	i-parity / 3.3 vol 2 pin SO DIMM	It / fast page I of 4 or 16 MB		Inton Cosession™ Host PRODIGY® SofNet FaxWorks™
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 F Yes (legs pop out) TrackPoint III™ Yes (with option cable or F	n key functions	Liftable (po access and (and upgra disk);	pp-up) keyboard to I remove battery de memory and	7. Video For Windows™ Runtime 8. Puma TranXit™ 9. Compuserv for Windows 10. NetFinity for Windows and OS/2
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubi 6.4 pounds NiMH/non-intelligent 2.5 to 9 hours 6 hrs/2 hrs	c inches) 6.	not removable	WINDOWS 95 PRELOAD - Microsoft Windows 95 - IBM ThinkPad Demo	
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, disked VL-Bus 2.0 / 32 bit / 25 MHNone Port Replicator and Charg 2 Type I or 2 Type II or 1 One 9 pin; 16550A / one (I APM-aware BIOS / Univer	-lz (graphics, di er (with built-in l Γype III EEE P1284, EF	sk) battery charger a PP, ECP, bidirecti	nd palm rest)	- Online Users Guide - ThinkPad features; Diskette Factory 1. Lotus [®] cc:Mail™, e-mail for IBM Global® Network 2. Lotus Organizer™ 3. Lotus ScreenCam™ 4. Triton CoSession™ Host
MPEG decoder Data/fax modem Audio support	None None 16 bit audio chip / 18 voi Internal speaker / .5 watt	ce MIDI FM Syı	nthesis / ESS168	38 with OPL3	 PRODIGY[®] SofNet FaxWorks[™] Puma TranXit[™] Compuserve for Windows
Audio in/out jacks	Input jack (stereo) / microp Joystick/MIDI port (include	hone jack / out	microphone		
Infrared ports	Infrared port in back / IrD	•	•		
Security	Power-on password / Sup- (Kensington™ MicroSaver				
Preinstalled software Warranty	Choice of two preloaded co 1 year - ThinkPad EasySe			otion) or carry-in	
optional second batte	battery charger for an	- 4 MB SO DI - 16 MB SO DI	hinkPad 365: IMM 3.3v non-parii IMM 3.3v non-parii DE HDD 13 ms Pl0		Disk is not removable (like 755/760 systems), but it can be upgraded via tools

replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

- 20 MB EIDE HDD 13 ms PIÓ Mode 3 38H6306 systems), but it can be upgraded via tools
- 810 MB EIDE HDD 13 ms PIO Mode 442H4012
- 1.08 GB EIDE HDD 13 ms Mode 4 69H7956
- Port Replicator and Charger 38H6303
- NiMH Battery Pack 38H6304

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = Standby

Fn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video

Fn + F11 = Powermgmt

Fn + F12 = Hibernation

PgUp = Speaker enable PgDn = Speaker disable

System enters hibernation mode when keyboard is lifted up.

FEATURES OF 365 MODELS

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99.

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麗 ThinkPad 365E - withdrawn

			_				
IBM [®] ThinkPad [®] :							
Processor Processor upgrade Memory cache Diskette drive CD-ROM	IBM 5x86c [™] 100/33 MHz (Cyrix) / integrated math coprocessor None 16 KB in 5x86c (write back) / no L2 cache Internal 3.5" 1.44 MB (not removeable) None (can not upgrade)						
Price Type - model Preload (see side) Disk - capacity Disk - ms / interface Available date Withdrawn date	2625-W9A Windows 95 540 MB 13 ms / EIDE / PIO Mode 3 May 1996 October 1996						
Display - diagonal size Display - type Display - colors Display - contrast	10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1						
Graphics - controller Graphics - memory Graphics - external Graph - arch/data path	Chips and Technologies™ 65545 1 MB DRAM External SVGA to 1024 x 768 w/ 256 colors up to 70 Hz h VL-Bus 2.0 local bus / 32 bit / Simultaneous LCD and CRT / 180 degree tilt						
Memory - std / max Memory - upgrade	8 MB / 24 MB 70 ns / non-parity / 3.3 volt / fa 1 socket for one JEDEC 72 pin SO DIMM of	ast page 4 or 16 MB					
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Yes (legs pop out) TrackPoint III™ Yes (with option cable or Port Replicator) Liftable (pop-up) keyboard access and remove battery (and upgrade memory and disk); diskette drive is not						
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubic inches) 5.9 pounds NiMH/non-intelligent 2.5 hours 6 hrs / 2 hrs	removable					
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, diskette, serial, parallel, 100 pin external expansion) VL-Bus 2.0 / 32 bit / 25 MHz (graphics, disk) None Port Replicator and Charger (with built-in battery charger and palm rest) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284, EPP, ECP, bidirectional)						
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	APM-aware BIOS / Universal AC adapter (35 watts) / Phoenix™ BIOS None None None None Infrared port in back / IrDA 1.0 compatible / up to 115 Kbps						
Security	Power-on password / Supervisor password / (Kensington™ MicroSaver™ cable lock) / key	Locking device keyhole board lock (requires Kensington)					
Preinstalled software Warranty	Windows 95 with utilities and applications (lis 1 year - ThinkPad EasyServ (optional Overni						

The Port Replicator and Charger provide cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin)Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

Options for ThinkPad 365:

- 4 MB SO DIMM 3.3v non-parity 72 pin 92G7287
- 16 MB SO DIMM 3.3v non-parity 72 pin 92G7293
- 810 MB EIDE HDD 13 ms Mode 4 42H4012
- 1.08 GB EIDE HDD 13 ms Mode 4 69H7956 Port Replicator and Charger (old) 38H6303
- replaced by 75H7529
- NiMH Battery Pack 38H6304
- 35 watt AC Adapter 2 pin 85G6719
- Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage Fn + F3 = Standby

Fn + F3 = Standy Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video Fn + F11 = Powermgmt

Fn + F12 = Hibernation= Speaker enable PgUp PğDn

System enters hibernation mode when keyboard is lifted up

= Speaker disable

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

ThinkPad 365 strengths:

- Entry-priced notebook
- Extensive software preload
- Infrared port
- Optional Port Replicator with battery charger and palm rest

WINDOWS 95 PRELOAD

- Microsoft Windows 95
- Online Users Guide
- Diskette Factory
- PC Card Director 1.4 Triton™ CoSession™ Host
- Puma TranXit™
- NetFinity for Windows CompuServ™ for Windows

FEATURES OF 365 MODELS

Product Map LED indicator panel
Plug and Play 1.0a
Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/sérvice Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls IBM HelpCenter, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround).

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証 ThinkPad 365ED - withdrawn

IBM® ThinkPad®:	≈ 365ED						
Processor upgrade	10.4" dual scan - CD-ROM IBM 5x86c™ 100/33 MHz (Cyrix) / integrated None	math coprocessor					
Processor upgrade Memory cache Diskette (not internal) CD-ROM (not remove)	16 KB in 5x86c (write-back) / no L2 cache External 3.5" 1.44 MB (connects to back of system) / use simultaneously w/ CD-ROM 5.25" CD-ROM / 4 x speed / multi-session / XA / front loaded / ATAPI						
Price Type - model Preload (see side) Disk - capacity Disk - ms / interface Available date Withdrawn date	2625-W9G Windows 95 540 MB 13 ms / EIDE / PIO Mode 3 May 1996 October 1996						
Display - diagonal size Display - type Display - color Display - contrast	10.4" Dual scan VGA color / 640 x 480 256 simultaneous colors 30 to 1						
Graphics - controller Graphics - external Graph - arch/data path	Chips and Technologies™ 65545 with 1 MB D External SVGA to 1024 x 768 w/ 256 colors u VL-Bus 2.0 local bus / 32 bit / Simultaneous	ıp to 70 Hz					
Memory - std / max Mem - upgrade	8 MB / 24 MB 70 ns / non-parity / 3.3 volt / fast page 1 socket for one JEDEC 72 pin SO DIMM of 4 or 16 MB						
Keyboard / # of keys Keyboard slope Pointing Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Yes (legs pop out) TrackPoint III™ Yes (with option cable or Port Replicator)	Liftable (pop-up) keyboard to access and remove battery (and upgrade memory and disk);					
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life Charge time - on / off	11.7 x 8.3 x 2.0" (194 cubic inches) 6.4 pounds NiMH/non-intelligent 2.3 hours 6 hrs / 2 hrs	CD-ROM is not removable					
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, PCMCIA, diskette, serial, parallel, 240 pin external expansion) VL-Bus 2.0 / 32 bit / 25 MHz (graphics, disk) None Port Replicator and Charger (with built-in battery charger and palm rest) 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284, EPP, ECP, bidirectional) APM-aware BIOS / Universal AC adapter (35 watts) / Phoenix™ BIOS						
MPEG decoder Data/fax modem Audio support	None None 16 bit audio chip / 18 voice MIDI FM Synthesis / ESS1688 with OPL3 Internal speaker / .5 watt / dial volume control / internal microphone						
Audio in/out jacks Infrared ports	Input jack (stereo) / microphone jack / output Joystick/MIDI port (includes Joystick/MIDI ca Infrared port in back / IrDA 1.0 compatible	ble) `					
Security	Power-on password / Supervisor password / (Kensington™ MicroSaver™ cable lock) / keyl	Locking device keyhole					
Preinstalled software Warranty	Windows 95 with utilities and applications (lis 1 year - ThinkPad EasyServ (optional Overni	ted to right)					

ThinkPad 365 (CD-ROM models) strengths:

- **□** Entry-priced CD-ROM notebook
- Integrated audio, microphone, speaker
- Simultaneous external diskette
- Joystick/MIDI port
- Infrared port
- MPC2 compliant

WINDOWS 95 PRELOAD

- Microsoft Windows 95
- Online Users Guide
- Diskette Factory PC Card Director 1.4
- Triton CoSession™ Host Puma TranXit™
- NetFinity for Windows
- CompuServ™ for Windows

The Port Replicator and Charger provide cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin)
- Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin)
- Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

Options for ThinkPad 365:

- 4 MB SO DIMM 3.3v non-parity 72 pin 92G7287 16 MB SO DIMM 3.3v non-parity 72 pin 92G7293
- 810 MB EIDE HDD 13 ms Mode 4 1.08 GB EIDE HDD 13 ms Mode 4 42H4012
- 69H7956 (old) 38H6303
- Port Replicator and Charger replaced by 75H7529
- NiMH Battery Pack 38H6304 - 35 watt AC Ádapter - 2 pin 85G6719

Setup is entered by Ctrl + Alt + F11 from any full-screen DOS prompt

Fn + F2 = Battery guage

Fn + F3 = StandbyFn + F4 = Suspend

Fn + F7 = LCD/CRT/Simultaneous

Fn + F8 = Reverse video Fn + F11 = PowermgmtFn + F12 = HibernationPgUp = Speaker enable PğDn = Speaker disable

System enters hibernation mode when keyboard is lifted up

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

FEATURES OF 365 MODELS

Product Map LED indicator panel Plug and Play 1.0a Non-disruptive battery exchange Doze, standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/sérvice Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls IBM HelpCenter, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround).

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IIM ThinkPad 365X - withdrawn

IBM® ThinkPad®:	≈ 365X		Key diff	Key differences between 365E and 365X:				
	10.4" SVGA TFT or DSTN		365E 365X					
Processor type Processor upgrade L2 cache Diskette drive External FDD port Internal CD-ROM	Pentium® 100/66 / 64-bit None None (not upgradeable) Internal 3.5" 1.44MB ○ (not External FDD port (used if None standard / 4 x CD-RO	ot removable	e)	5x86c 8MB fa VL-Bus 10.4" V 540MB	Pentium 100, 120, 133 8MB EDO (to 40MB) PCI graphics and disk SVGA 800x600 810MB or 1.08GB disk			
Price Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2625-6E7 Windows 95 May 1996 / January 1997 810MB / 13ms m / PIO Mc EIDE / busmaster / PCI 2.1		2625-7E7 Windows 95 May 1996 / January 1997 one internal disk	No integrated audio 16-bit audio Phoenix BIOS IBM BIOS with Easy Setup ar				
Display - size and type Display - techology	10.4 inch DSTN color SVGA / 640x480 or 800x6 Dual scan 256 sim colors / 25 to 1 con		10.4 inch TFT color SVGA / 640x480 or 800x600 Black Matrix TFT - active matrix 65,536 simultaneous colors / 100 to 1 contrast ratio					
Graphics - controller Graph - arch/data path Gaphics - features		bit SVGA ac SVGA to 102	ccelerator / 1MB fast page DRA 24x768 w/ 256 colors					
Memory - std / max Memory - features	8MB / 40MB 70ns / non-parity / 3.3 volt	/ EDO / 1 so	ocket for one JEDEC 144 pin	EDO SO	DIMMs of 8, 16, or	32MB		
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 Fr Yes (legs pop out) TrackPoint III™ / external k	•	ns) oport (w/ option cable or Port Re	eplicator)		VS 95 PRELOAD ows 95		
Dimensions Weight Battery - type	11.7 x 8.3 x 1.9" (185 cu in) 6.0 pounds (2.7 kg) NiMH/non-intelligent	remove i	(pop-up) keyboard to access battery (and upgrade memory skette drive is not removable	y and	- Online User's Guide - ThinkPad Features - PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host 2. Compuserv for Windows 3. NetFinity for Windows 95 4. Puma TranXit™ - Lotus SmartSuite 96 CD-ROM			
Battery - life (1 batt) Charge time - on / off	2.5 hours 1.5 hrs / 1.2 hrs							
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	2 Type I or 2 Type II or 1 Tyl One 9 pin; 16550A / one (IE	EIDE, graph r (with built-i pe III EEE P1284- <i>A</i>	ics) n battery charger and palm res	,				
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports		vatt / dial vo none jack / o	plume control / internal micro utput jack (stereo) / no joystick					
Security	Power-on pwd / Hard disk p	wd / Superv	risor pwd / Locking device keyl) / keyboard lock (requires Kens	hole sington)				
Preinstalled software Warranty	Microsoft Windows 95 wth a 1 year - ThinkPad EasySer		(listed on right) Overnight Repair Option) or car	ry-in	Easy-Setup is ent when turning on.	ered by holding F1		
cable management, a optional second batter installed on the system replication.	The Port Replicator and Charger provide able management, a battery charger for an ptional second battery, a palm rest when istalled on the system, and has complete port eplication. The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before harging the battery in the Port Replicator. Doptions for ThinkPad 365X: - 8MB SO DIMM 3.3v NP EDO 64-bit - 16MB SO DIMM 3.3v NP EDO 64-bit - 1					Mode 2 or PIO Mode 4 Mode 2 or PIO Mode 4		
whether or not a Think When the ThinkPad is Replicator, it will attem in ThinkPad first (if the					Quick Setup Gui LED indicator pa Plug and Play 1.	inel 0a		
Port Replicator and Charger connectors: - Serial (RS-232, 9 pin) - Parallel (EPP, ECP, 25 pin) - External display (15 pin) - Keyboard - Mouse - Diskette drive (26 pin) - Game with MIDI support (15 pin) - Audio in (3.5 mm) Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation Disk is not removable (like 755/760 systems), but the pure raded via a screwdriver.				ms), but	suspend, safe suspend, on modes Star compliant meplate in indention screen at startup arranty Service telephone, bulletin ectronic, and Internet oc.ibm.com) support warranty/service			
Audio out (3.5 mm)DC input connectorSpare battery connector	ctor (to charge 2nd battery)		3		Unline Houseca	all (remote diagnostics)		

Time ThinkPad 365X (Fall 1996 models) - withdrawn

IBM® ThinkPad®:		SVGA DSTN	color						
Processor type Processor upgrade L2 cache Diskette drive External FDD port Internal CD-ROM	Pentium® 120/60 or 133/66MHz / 64-bit transfer to memory None None (not upgradeable) Internal 3.5" 1.44MB m (not removable) External FDD port (used if purchase CD-ROM upgrade) None standard / 4 x or 8 x CD-ROM option available which includes an external diskette drive (not customer install)								
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2625-3E9 Windows 95 October 1996 / July 1997 120/60MHz 810MB / 13ms O / PIO M EIDE / busmaster / PCI 2.		97 lode 4						
Display - size and type Display - techology	10.4 inch TFT color SVGA / 640x480 or 800x6 Black Matrix TFT - active 65,536 simultaneous color	matrix	11.3 inch DSTN color SVGA / 640x480 or 800x6 Dual scan 256 simultaneous colors / 3		ast ratio				
	Trident™ CYBER9320 / 32 PCI 2.1 / 32-bit / external \$ Simultaneous LCD and CR	SVGA to 102		RAM / 70ns					
Memory - std / max Memory - features	8MB / 40MB 70ns / non-parity / 3.3 volt	:/EDO/1so	ocket for one JEDEC 144 pi	in EDO SO	DIMMs of 8. 16. or 32MB				
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 Fi Yes (legs pop out) TrackPoint III™ / external	n key functior keyboard sup	·		WINDOWS 95 PRELOAD - Microsoft Windows 95				
Dimensions Weight	11.7 x 8.3 x 1.9" (185 cu in 6.1 pounds (2.76 kg))	5.9 pounds (2.67 kg)		Online User's GuideThinkPad Features				
Battery - type Battery - life Charge time - on / off	NiMH/non-intelligent 2.5 hours 1.5 hrs / 1.2 hrs	remove i	<i>pop-up) keyboard</i> to accest pattery (and upgrade memo skette drive is not removal	orv and	- PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host				
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features Video in/out	2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (II	EIDE, graphi er (with built-i pe III EEE P1284- <i>A</i>	cs) n battery charger and palm re	,	 2. Compuserv for Windows 3. NetFinity for Windows 95 4. Puma TranXit™ Lotus SmartSuite 96 CD-ROM 				
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None 16-bit audio chip / 18 voi One internal speaker / .5	watt / dial vo hone jack / o	lume control / internal mic utput jack (stereo) / no joysti						
Security	Power-on pwd / Hard disk (requires cable) / keyboard								
Preinstalled software Warranty	Microsoft Windows 95 wth 1 year - ThinkPad EasySe	applications or (optional C	(listed on right) vernight Repair Option) or c	arry-in	Easy-Setup is entered by holding F1 when turning on.				
cable management, a optional second batter	The Port Replicator and Charger provide cable management, a battery charger for an optional second battery, a palm rest when installed on the system, and has complete port replication. Options for ThinkPad 365X: - 8MB SO DIMM 3.3v NP EDO 64-bit - 16MB SO DIMM 3.3v NP EDO 64-bit - 32MB SO DIMM 3.3v NP EDO 64-bit - 810MB EIDE HDD 13ms				810MB = DMA Mode 2 or PIO Mode 4 1.08GB = DMA Mode 2 or PIO Mode 4				
whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator. Port Replicator and Charger connectors: 1 - 1.43			DD 13ms 8 cator and Charger 7 ery Pack 3 C Adapter (2 pin barrel) 7 CD-ROM Drive 7	32H8161 32H8175 75H7529 38H6304 35G6719 76H0139 73H7225 33H6726	FEATURES OF 365 MODELS Quick Setup Guide LED indicator panel Plug and Play 1.0a Doze, standby, suspend, safe suspend, and hibernation modes				
Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin) Keyboard Mouse Diskette drive (26 pin) Game with MIDI support (15 pin) Audio in (3.5 mm)					US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)				
- DC input connector	ctor (to charge 2nd battery)		emovable (like 755/760 syst graded via a screwdriver	tems), but	Cimilo riodosodii (remote diagnostics)				

IIM ThinkPad 365XD - withdrawn

IBM® ThinkPad®:	365XD 10.4" SVGA DSTN / 10.4" SVGA TFT / 11.3" SVGA DSTN					ey differences between 365ED and 365XD:					
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM (not remove)	Pentium® 100/66 or 120, None None (not upgradeable) External 3.5" 1.44MB (cor case with a cable / use s External FDD port (works	/60MHz / 64-bit transfer to memory 5x86c 1 8MB fas nnects to back of system) / enclosed in a simultaneously with CD-ROM			365ED 365XD 100/33MHz Pentium 100, 120, 133 st page (to 24MB) 8MB EDO (to 40MB) s graphics and disk PCI graphics and disk GA 640 x 480 LCD 10.4" or 11.3" SVGA disk standard 810MB, 1.08, 1.35GB IBM BIOS IBM BIOS						
Pentium speed Disk - size / ms Disk controller		≈ 2625-DEF ≈ 2625-DEE OS/2 Warp Connect May 96 / Jan 97 July 1996 / Jan 1997 120/60MHz 1.08GB / 13ms ○ / PIO Mode 4 1 / supports one internal disk				 ≈ 2625-EEF Windows 95 June 1996 / April 1997 120/60MHz 1.08GB / 13ms ○ / PIO Mode 4 					
Display - size and type Display - techology Graphics - controller Graph - arch/data path Gaphics - features	SVGA / 640x480 or 800x6 Dual scan 256 sim colors / 25 to 1 cor Trident™ CYBER9320 / 32 PCI 2.1 / 32-bit / external \$	Black Matrix TFT - active matrix				st ratio	11.3 inch DSTN color SVGA / 640x480 or 800x600 Dual scan 256 sim colors / 30 to 1 contrast ratio				
Memory - std / max Memory - features	Simultaneous LCD and CR 8MB / 40MB 70ns / non-parity / 3.3 volt			DEC 144 p	in ED	00 SO I	DIMMs of 8, 16, or 32 MB				
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 Fi Yes (legs pop out) TrackPoint III ™ / external I	n key function keyboard sup	ns)				WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide				
Dimensions Weight Battery - type	11.7 x 8.3 x 1.9" (185 cubic 6.4 pounds (2.9 kg) NiMH/non-intelligent		le (pop-up) keyb	oard to ac	cess	and	- ThinkPad Features - PC Card Director 4.0 - Diskette Factory				
Battery - life Charge time - on / off	2.5 hours 1.5 hrs / 1.2 hrs	disk);	e battery (and up CD-ROM is not r			y and	Triton CoSession™ Host Compusery for Windows NetFinity for Windows 95				
	PCI 2.1 / 32-bit / 33MHz (None Port Replicator and Charge 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (II	er (with built-in battery charger and palm rest)					 4. Puma Tr̃anXit™ Lotus SmartSuite 96 CD-ROM OS/2 WARP CONNECT PRELOAD IBM OS/2 Warp Connect Version 3 with WIN-OS/2 with BonusPak applications 				
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None None 16-bit audio chip / 18 voi One internal speaker / .5 Input jack (stereo) / microp Infrared port in back / IrD	ce MIDI FM s watt / dial vo hone iack / o	Synthesis / ESS	1688 ternal mio	croph	none	WIN-OS/2 with Bonus Pak applications Online User's Guide ThinkPad Features Program PC Card Director 4.0 Diskette Factory Puma TranXit™ NetFinity for OS/2 Triton CoSession™ Host Lotus SmartSuite 4.0 (entitled to SSuite 96)				
Security	Power-on pwd / Hard disk (Kensington™ MicroSaver	owd / Superv	risor pwd / Lockin	g device k	eyhol ensin	le igton)					
Preinstalled software Warranty	Microsoft Windows 95 wth 1 year - ThinkPad EasySe			Option) or o	carry-i	in					
cable management, a optional second batter installed on the system replication.	he Port Replicator and Charger provide able management, a battery charger for an otional second battery, a palm rest when stalled on the system, and has complete port Options for ThinkPad 365XD: - 8MB SO DIMM 3.3v NP EDO 64-bit 92G734 - 16MB SO DIMM 3.3v NP EDO 64-bit 92G734				7341 7342 4012 7956	Easy-Setup is entered by holding F1 when turning on. 810MB = DMA Mode 2 or PIO Mode 4 1.08GB = DMA Mode 2 or PIO Mode 4					
whether or not a Think When the ThinkPad is Replicator, it will attem in ThinkPad first (if the charging the battery in	ne Port Replicator can charge a battery hether or not a ThinkPad is connected to it. 'hen the ThinkPad is attached to the Port eplicator, it will attempt to recharge the battery ThinkPad first (if there is one) before harging the battery in the Port Replicator. 1.4GB EIDE HDD 3L 12.5 mm 2.1GB HDD 13ms 2.1GB HDD 13ms 2.1GB HDD 13ms 3.8H81630 3.8H630 3.H630 3.H630 3.H630 3.H630 3.			8175 7529 6304 6719 0139	FEATURES OF 365 MODELS Quick Setup Guide LED indicator panel Plug and Play 1.0a Doze, standby, suspend, safe suspend,						
- Serial (RS-232, 9 pin - Parallel (EPP, ECP, 2 - External display (15 p - Keyboard - Mouse - Diskette drive (26 pin	Fn + F2 = Battery guage Farallel (EPP, ECP, 25 pin) External display (15					and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service					
Audio out (3.5 mm)DC input connector	tor (to charge 2nd battery)		removable (like 75 graded via a scre		stems)), but	Online Housecall (remote diagnostics)				

III ThinkPad 365XD (Fall 1996+ models) - withdrawn

IBM® ThinkPad®	→ 365XD 10.4" SVGA TFT / 11.3" SVGA DSTN / 11.3" SVGA TFT - CD-ROM Continuous									
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM (not remove) CD-ROM features	Pentium® 120/60 or 133/66MHz / 64-bit transfer to memory None None (not upgradeable) External 3.5" 1.44MB (connects to back of system) / enclosed in a case with a cable / use simultaneously with CD-ROM External FDD port (works with standard external diskette; no kit required) e) 5.25" CD-ROM / 4 x speed 5.25" CD-ROM / 6 x speed (all systems upgradeable to 8 x CD-ROM) Multi-session / XA / front loaded / ATAPI / not bootable / upgradeable									
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2625-4E9 (Clark 4) Windows 95 October 1996 / July 1997 120/60MHz 810MB / 13ms O EIDE / busmaster / PCI 2.	4) 2625-GE9 (Clark 4.5) Windows 95 OSR2 lly 1997 Feb 1997 / July 1997 120/60MHz 1.08GB / 13ms O 1.08GB / 13ms								
Display - size and type Display - techology	10.4 inch TFT color SVGA / 640x480 or 800x6 Black Matrix TFT - active 65,536 sim col / 100 to 1 co	matrix	11.3 inch TFT color SVGA / 640x480 or 800x6 Black Matrix TFT - active r 65,536 sim col / 100 to 1 co	natrix	11.3 inch DSTN color SVGA / 640x480 or 800x600 Dual scan 256 sim colors / 30 to 1 contrast ratio					
Graphics - controller Graph - arch/data path Graphics - features	r Trident™ CYBER9320 / 32-bit SVGA accelerator / 1 MB fast page DRAM / 70 ns ath PCI 2.1 / 32-bit / external SVGA to 1024x768 w/ 256 colors									
Memory - std / max Memory - features	<u> </u>									
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (6 For Yes (legs pop out) TrackPoint IIITM / external	,	tion cable or Port Replicator)		WINDOWS 95 PRELOAD MODELS 4E9 and 1E9					
Dimensions Weight	11.7 x 8.3 x 1.9" (185 cubic 6.4 pounds (2.9 kg)	c inches) 6.1 pounds (2.77 kg)	[6.2 pounds (2.79 kg)		crosoft Windows 95 line User's Guide					
Battery - type Battery - life Charge time - on / off	NiMH/non-intelligent 2.0 hours 1.5 hrs / 1.2 hrs	Liftable (pop-up) remove battery (a disk); CD-ROM is	keyboard to access and and upgrade memory and a not removable	- Thi - PC - Dis	inkPad Features Program Card Director 4.0 Skette Factory					
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	ISA (audio, PCMCIA, disk PCI 2.1 / 32-bit / 33MHz (None Port Replicator and Charge 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (II	EIDE, graphics) er (with built-in battery ch /pe III EEE P1284-A, EPP, ECF	narger and palm rest)	2. Co 3. Ne 4. Pu	ton CoSession™ Host mpuserv for Windows tFinity for Windows 95 ma TranXit™ tus SmartSuite 96 CD-ROM WINDOWS 95 PRELOAD					
Other features Video in/out	APM-aware BIOS / University None	sal AC adapter 3 prong (35 watts) / Selectable boot	_ Mid	MODELS GE9 and FE9					
MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None 16-bit audio chip / 18 voice MIDI FM Synthesis / ESS1688 One internal speaker / .5 watt / dial volume control / internal microphone Input jack (stereo) / microphone jack / output jack (stereo) / no joystick port Indicate with the description of the properties of the pro									
Security	Power-on pwd / Hard disk	pwd / Supervisor pwd / S	· · · · · · · · · · · · · · · · · · ·	3. Ne	mpuserv for Windows tFinity for Windows 95 ma TranXit™					
Preinstalled software Warranty	5. Intellil ink Connect									
optional second batte	battery charger for an	865XD: NP EDO 64-bit 92G7340 NP EDO 64-bit 92G7341	9. Erg - Lot Easy-	gonomics fus SmartSuite 96 CD-ROM Setup is entered by holding F1						
inotanoa on the system	, and has somplete polit	1 - 32MB SO DIMM 3.3V	NP FDO 64-bit 92G7342	whon	turning on					

installed on the system, and has complete port replication.

The Port Replicator can charge a battery whether or not a ThinkPad is connected to it. When the ThinkPad is attached to the Port Replicator, it will attempt to recharge the battery in ThinkPad first (if there is one) before charging the battery in the Port Replicator.

Port Replicator and Charger connectors:

- Serial (RS-232, 9 pin) Parallel (EPP, ECP, 25 pin) External display (15 pin)
- Keyboard
- Mouse
- Diskette drive (26 pin) Game with MIDI support (15 pin)
- Audio in (3.5 mm)
- · Audio out (3.5 mm)
- DC input connector
- Spare battery connector (to charge 2nd battery)

	- 8MB SO DIMM 3.3v NP EDO 64-bit - 16MB SO DIMM 3.3v NP EDO 64-bit	92G7340 92G7341
	- 32MB SO DIMM 3.3v NP EDO 64-bit	92G7342
ı	- 810MB EIDE HDD 13ms	42H4012
	- 1.08GB EIDE HDD 13ms	69H7956
	- 1.4GB EIDE HDD 3L 12.5 mm	82H8161
	- 2.1GB HDD 13ms	82H8175
	 Port Replicator and Charger 	75H7529
	- NiMH Battery Pack	38H6304
	- 35 watt AC Ádapter (2 pin barrel)	85G6719
	- 35 watt AC Adapter (slim, 2 pin)	76H0139
	- 8 x CD-ROM	83H6726
	- 2.1GB HDD 13ms 4000 rpm	82H8175
1	<u>'</u>	

Fn + F2 = Battery guage Fn + F3 = Standby

Fn + F4 = Suspend = LCD/CRT/Simultaneous

Fn + F7 = LCD/CRT/Sir Fn + F11 = Power mgmt Fn + F12 = Hibernation

Disk is not removable (like 755/760 systems), but it can be upgraded via a screwdriver

when turning on.

810MB = DMA Mode 2 or PIO Mode 4 1.08GB = DMA Mode 2 or PIO Mode 4 1.35GB = DMA Mode 2 or PIO Mode 4

FEATURES OF 365 MODELS

Quick Setup Guide LED indicator panel Plug and Play 1.0a

Doze, standby, suspend, safe suspend, and hibernation modes

US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup

International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service

Online Housecall (remote diagnostics)

IBM ThinkPad 370C (non-US) - withdrawn

IBM [®] ThinkPad [®] :						OC is positioned between I 360 and ThinkPad 755 family	
Processor type Processor speed Memory cache Coprocessor socket Processor / L2 upgrade Removable diskette Removable CD-ROM	InteIDX4 75/25 MHz / 3.3 volt 16 KB internal (no L2 cad Integrated in DX4 None 3.5" 1.44 MB / support	,	ette	Advant ⇒ DX4 ⇒ 10.4 ⇒ Blace	ages o 75/25 " colo ck Mat	over ThinkPad 360CE 5 MHz (vs DX2 50/25)	
Price Type - model Removable disk - size Hard drive - speed Available date Withdrawn date	9545-QPC 340 MB	☐ ○ 16 MB DIMM 4 MB IC DR 5 8 MB IC DR 6 16 MB IC DR	w/ Parity	840 840 920 920 920	62152 66539 62153 67232 67233 67234 67236	Liftable (pop-up) keyboard to access and remove diskette drive, disk, battery, and memory	
Display - type Display - colors Display - techology Display - diagonal size	256 simultaneous colors Black Matrix TFT - active 10.4 inch / 100 to 1 contr	8 MB IC DR 16 MB IC DR ast ratio / 180 degree t	AM 70 ns non-Par AM 70 ns non-Par	itý 920	37237 37424	The removed diskette drive can be used externally via the optional 'FDD External Kit' (includes cable and enclosure) to the Port Replicator Model I and II and Dock	
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A Rev B with 1 Western Digital / Externa VL-Bus local bus / 32 bit	I SVGA to 1024 x 768 v		:)	and II. Diskette drive can be removed to reduce weight		
Memory - std / max Mem - sockets empty Mem - options available	4 MB / 36 MB 70 ns / no 1 socket 2, 4, 8, 16 MB ICs or 4, 8 work on optional Mem	, 16 MB DIMMs that 0	Memory upgraded v 1 open socket for ry card for 20 MB r DIMM technology		to insert cellular modem (CDPD) to insert TV Tuner (for on screen TV and VCR playback) to insert 2.88 MB diskette		
Keyboard / # of keys Fn key functions	Full size alp/num / 85 key 8 (in any appl)	vs 0 1	f 36 MB with 4, 8, 6 6 MB JEDEC 72 p IMMs on optional I	or in SO		s to add other third party options	
Keyboard slope Mouse/pointing Ext keyboard support	Yes (legs pop out) TrackPoint II™ Yes (with optional cable)	N	lodule Adapter	vierriory	-	PREINSTALLED APPLICATIONS - IBM PC DOS 7.0	
Dimensions Cubic inches Color Weight (with battery)	11.7 x 8.3 x 2.0" 194 inches Black 6.3 pounds	- - -	n key functions: Fuel guage (batter Standby mode Suspend mode Audio beep on	ry)	- - -	 Windows 3.11 IBM PC Card Director for PCMCIA IBM ThinkPad Demo Online Users Guide ThinkPad features; Diskette Factory 	
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH) / in 2.9 to 8 hours 2 hrs / 1.5 hr	-	Audio beep off LCD or CRT or bo Power mode switch		2.	Lotus® cc:Mail, for the IBM Global® network, Lotus Organizer 1.12	
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Yes (one 9 pin) 16550B/	Type III	Hibernation mode		4. 5. 6. 7.	B. Lotus ScreenCam 1.0, Deficial Airline Guide Flight Disk® 1.0 Triton CoSession™ Host, PRODIGY®, SofNet FaxWorks™ 3.0 Farallon® Replica™	
Other features Audio support Security		rldwide, 3 pin, not wallr rd disk password / Sup it and prevents openin	ot 3 pin, not wallmount 3 pin, not wallmount 10. Sedona REPRINT™ 11. COMPEL™ Personal Edition 12. Video for Windows™ 1.1 Runtim				
Preinstalled software Warranty Warranty options	IBM DOS 7.0, Windows TM 1 year - ThinkPad EasyS Onsite via special bid onl	3.11, and all appls list erv only	ed to right:				
The ThinkPad 370 fami physical design as the	ily has the same ThinkPad 360, 750, and	Compatible in all 360 family, and 755 family	y:		3 now	FEATURES OF 370C FAMILY	

755 family.

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- automatic config of many PCMCIA cards;
 visual/audible confirmation of insertion/
- removal of cards:
- ability to automatically launch an appl (e.g. async emulation) when card inserted;

 status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

ThinkPad 370C supported batteries:

- 750 NiMH battery 66G2846 - 750 Quick Charger 66G2843

Disks: 170 MB IDE 66G2847 250 MB IDE 84G2391 340 MB IDE 66G2849 **540 MB IDE** 84G2150 810 MB IDE 84G8250 - Dock I (1 slot / 1 bay) - Dock II (2 slot / 2 bay) - Port Replicator I (w/ PCMCIA) 85G8562 3545001

3546001 66G3510 Port Replicator II 1.44 MB diskette 66G3520 std in newer

66G0108

- 2.88 MB diskette

Options for 370C:

- TV Tuner 66G3689 - CDPD Mobile module 71G2560 - Car Battery Adapter 49G2167 FDD External Attachment Kit 66G3618

IC DRAM memory from ThinkPad 700, 720, 750, and 755 will work but without parity

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB, 1.2 GB (all 2.5 inch)

Battery life indicator Non-disruptive battery exchange

US EPA Energy Star compliant

HELPWARE

International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee

ThinkPad EasyServ™: customer calls 1-800-565-3344 in Canada, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround).

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IBM® ThinkPad®:	380 12.1" SVGA DSTN						
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® 150/60 MHz / 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal None standard / 8 x CD-ROM internal option available (not customer install)						
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2635-10U Windows 95 OSR2 May 1997 / January 1998 150/60 MHz 1.08 GB / 13 ms / PIO Mo EIDE / PCI 2.1 / supports		support / no	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up of removeable / upgrade only by IBM or dealer			
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 > Dual scan 65,536 simultaneous color						
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (emb	128ZV™ (NM2093) /128 bit SVGA accelededded) / color space conversion and inte VGA to 1024 x 768 with 256 colors		med Video support / DDC1 and DDC2B A X and Y axis / support for DCI, DirectDraw			
Memory - std / max Memory - features	16 MB / 80 MB / non-parity	// 3.3 volt / EDO 44 pin EDO SO DIMM of 8, 16, 32, or 64	4 MB / socke	et accessed from bottom via screw			
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fr	n key functions) / keyboard slope with Port with option cable 06G8619 or Port Replic	t Replicator	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16)			
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cub 6.6 pounds (2.96 kg)	ic inches)		 Online User's Guide ThinkPad Features Program SystemSoft CardWorks™ 			
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.2 3.5 to 10 hrs / 2.8 hrs	hrs		- Systemson Cardworks - Diskette Factory and Utilities 1. Triton CoSession™ Host 2. NetFinity for Windows 95 3. Puma TranXit™ 4. IntelliLink Connect 5. IBM Anti-Virus 6. IGN/Netscape Navigator browser 7. Media Player 8. IntelliQuest Registration Mailer			
Architecture	ISA (audio, diskette, serià	EIDE, graphics, PCMCIA, Port Replicator , parallel, infrared) PCIset / Intel 82371MX PIIX / NS PC8733	,				
Docking Station Port replicator	None	rt Replicator, © ThinkPad 560 Port Replica					
PCMCIA™ slots Serial / parallel ports	PCMCIA 2.1 compatible / F One 9 pin; 16550A / one (I	/pe III / Zoomed Video support in lower C Card Standard 95 / Cirrus Logic CL-PD EEE P1284-A, EPP, ECP, bidirectional)	6729 (PCI)	8. Intelliquest Registration Malier 9. CompuServe WinCIM 10. Lotus Organizer 11. Ergonomics			
Other features Video in/out Data/fax modem Audio support Audio in/out jacks	None None 16 bit audio chip / 20 voice One internal speaker / .5 w	s AC adapter, barrel (35 watts) / Selectab e MIDI FM Synthesis / Crystal Semiconducto vatt / dial volume control / internal mic / full treo) / output jack (stereo) / no joystick por	or™ CS4236 I duplex	Lagunation Demo Lotus SmartSuite CD-ROM Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)			
Infrared ports	Infrared port on left side	/ IrDA 1.1 compatible / up to 4 Mbps		Fn + F2 = Battery guage Fn + F3 = Standby			
Preinstalled software Warranty Service options	Microsoft Windows 95 OS 1 year - ThinkPad EasySe	d disk password / security keyhole R2 wth applications (listed on right) rv (optional Overnight Repair Option) or c s day (71 cities) / warranty extension to 3 o		Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation			
provide cable manage and CardBus PC Car	nced Port Replicator ement, additional I/O ports, d slots. Features include: to secure the ThinkPad	- 16 MB SO DIMM 3.3v NP EDO 64 bit 9	92G7340 92G7341 92G7342	Easy-Setup is entered by holding F1 when turning on.			
380, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle	ectors: el (EPP, ECP, 25 pin)	- ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad Enhanced Port Replicator	76H0268 46H4209 84G1316 11J8997 73H9793	1.08 GB = DMA Mode 2 or PIO Mode 4 1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 3.2 GB = Ultra DMA/33 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4			
 External diskette dri 	pin) 15 pin) - not on system ve conntr - not on system equires AC power; can not	- 35 watt AC Ádapter (slim, barrel) 7 - 8 x CD-ROM 7 - 2.1 GB HDD 13 ms 7 - 3.2 GB Disk 13 ms 6 - 5.1 GB Disk 12 ms 7 - 33.6 Kbps Modem with XJACK 5	76H0139 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES OF 380 MODELS Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant Personalization screen at startup			
Features of the PC C: - Two Type III slots (s - PC Card Standard 9 - CardBus compliant - 8/16 bit PC Card superson to the complex of the comp	side by side) 5 compliant (PCI 2.1 / 32 bit) oport (no Zoomed Video) PCI1131 controller			International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)			

IBM® ThinkPad®;	→ 380D 12.1" SVGA DSTN or TFT)M				
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium ^a 150/60 MHz or 150/60 MHz with MMX [™] technology/ 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 8 x speed / multi-session / XA / ATAPI / not bootable / not removable / on right side						
Type - model (code) Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2635-2AU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz 1.35 GB / 13 ms / PIO Mo EIDE / PCI 2.1 / supports		All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up ot removeable / upgrade only by IBM or dealer				
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 65,536 sim colors / 30 to 1		12.1 inch TFT color SVGA / 640 x 480 or 800 Black Matrix TFT - active 65,536 simultaneous colo	e matrix	contrast ratio ratio		
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph	n128ZV™ (NN edded) / cold SVGA to 1024	M2093) /128 bit SVGA acc or space conversion and ir I x 768 with 256 colors	elerator / Zoo	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw		
Memory - std / max Memory - features	16 MB / 80 MB / non-parity 1 socket for one JEDEC 1			64 MB / sock	et accessed from bottom via screw		
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fr External keyboard support TrackPoint III™ / no drag lo	key function with option c	ns) / keyboard slope with Po	ort Replicator	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide		
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cubi 7.1 pounds (3.2 kg)	ic inches)	6.9 pounds (3.1 kg)		- ThinkPad Features Program - SystemSoft CardWorks™		
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.0 3.5 to 9 hrs / 2.5 to 3.5 hrs	hrs	Li-lon / non-intelligent / 2.	6 hrs	- Diskette Factory and Utilities 1. Triton CoSession™ Host		
Architecture Docking Station Port replicator	PCI 2.1 / 32 bit / 33 Mhz (I ISA (audio, diskette, serial Intel® Mobile Triton 82430 None ① ThinkPad Enhanced Po	l, parallel, infi PCIset / Intel rt Replicator.	338	NetFinity for Windows 95 Puma TranXit™ IntelliLink Connect IBM Anti-Virus IGN/Netscape Navigator browser			
PCMCIA™ slots	3 ThinkPad 380/385 Port F 2 Type I or 2 Type II or 1 Ty	/pe III / Zoon	er slot /	7. Media Player 8. IntelliQuest Registration Mailer			
Serial / parallel ports Other features	PCMCIA 2.1 compatible / F One 9 pin; 16550A / one (II APM-aware BIOS / Univer	EEE P1284- <i>F</i>	A, EPP, ECP, bidirectional)	·	CompuServe WinCIM Lotus Organizer Ergonomics Agriculus Agri		
Video in/out Data/fax modem Audio support	None None 16 bit audio chip / 20 voice One internal speaker / .5 w	/att / dial voľu	me control / internal mic / f	ull duplex	Lotus SmartSuite CD-ROM Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)		
Audio in/out jacks Infrared ports	Input/microphone jack (ste Infrared port on left side	/ IrĎA 1.1 co	mpatible / up to 4 Mbps	оп	Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend		
Security Preinstalled software	Power-on password / Hard Microsoft Windows 95 OSI						
Warranty Service options	1 year - ThinkPad EasySe On-site, M-F, 8-5, next bus	rv (optional C	Overnight Repair Option) or	carry-in 3 or 5 years	Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation		
provide cable manage and CardBus PC Car	ement, additional I/O ports, d slots. Features include:	- 8 MB SO I - 16 MB SO	ThinkPad 380: DIMM 3.3v NP EDO 64 bit DIMM 3.3v NP EDO 64 bit DIMM 3.3v NP EDO 64 bit	92G7340 92G7341 92G7342	Easy-Setup is entered by holding F1 when turning on.		
380, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle	ectors:	- 32 MB SO - 64 MB SO - ThinkPad - ThinkPad - ThinkPad - Li-Ion Bat	92G7342 76H0268 46H4209 84G1316 11J8997 73H9793	1.08 GB = DMA Mode 2 or PIO Mode 4 1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 3.2 GB = Ultra DMA/33 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4			
- External diskette dri - Power connector (re run on battery)	15 pin) - not on system ve conntr - not on system equires AC power; can not	- 35 watt At - 8 x CD-Rt - 2.1 GB HI - 3.2 GB Di - 5.1 GB Di - 33.6 Kbps	C Ådapter (barrel, slim) OM DD 13 ms isk 13 ms	76H0139 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES OF 380 MODELS Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes US EPA Energy Star compliant Personalization screen at startup		
Features of the PC Carlor Type III slots (so PC Card Standard 9 CardBus compliant 18/16 bit PC Card supersas Instruments Feaguires no PCI-to-	ide by side) 5 compliant (PCI 2.1 / 32 bit) oport (no Zoomed Video) PCI1131 controller				International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

Tim ThinkPad 380E - withdrawn

IBM® ThinkPad®:	380E 12.1" SVGA FRSTN						
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® MMX 150/60 MHz / 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / on right side None since diskette internal None standard / internal 8 x CD-ROM option available (not customer install)						
Type - model (code) Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2.1 GB / 13 ms / PIO Mod		All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up ot removeable / upgrade only by IBM or dealer				
Display - size and type Display - techology	12.1 inch FRSTN color SVGA / 640 x 480 or 800 x Dual scan / Fast Respons 65,536 simultaneous color	e Super Twisted Nematic (FRSTN) / 150 ms / 70 nits	3				
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (emb	128ZV™ (NM2093) /128 bit SVGA accelerator / Zoc ledded) / color space conversion and interpolation in SVGA to 1024 x 768 with 256 colors	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw				
Memory - std / max Memory - features		44 pin EDO SO DIMM of 8, 16, 32, or 64 MB / sock	et accessed from bottom via screw				
Keyboard / # of keys External keyboard Pointing / palm rest		n key functions) / keyboard slope with Port Replicator with option cable 06G8619 or Port Replicator ock keys	WINDOWS 95 PRELOAD				
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cub 6.7 pounds (3.0 kg)	ic inches)	- Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features Program				
Battery - type / life Charge time - on / off	NiMH / non-intelligent / 2.0 3.5 to 10 hrs / 2.8 hrs	hrs	- SystemSoft CardWorks™ - Diskette Factory and Utilities 1. Artisoft CoSession™ Host 2. NetFinity for Windows 95 3. Puma TranXit™ 4. IBM Anti-Virus 5. IBM Global Network (IGN Dialer) 6. Netscape Navigator browser 7. Media Player				
Architecture	ISA (audio, diskette, seria	EIDE, graphics, PCMCIA, Port Replicator) , parallel, infrared) PCIset / Intel 82371MX PIIX / NS PC87338					
Docking Station Port replicator PCMCIA™ slots Serial / parallel ports	None ① ThinkPad Enhanced Po ② ThinkPad Enhanced Po 2 Type I or 2 Type II or 1 Ty PCMCIA 2.1 compatible / F One 9 pin; 16550A / one (I	rt Replicator, ② ThinkPad 560 Port Replicator,					
Other features Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks	None None (software support for None 16 bit audio chip / 20 voice One internal speaker / .5 w Input/microphone jack (ste	MPEG-1 in Windows 95) e MIDI FM Synthesis / CS4236B vatt / dial volume control / int mic / full duplex spk/mic ereo) / output jack (stereo) / no joystick port	Marketing Demo Voyetra Audio Station Quicken SE Lotus SmartSuite CD-ROM Recovery CD-ROM with boot diskette				
Infrared ports Security	<u> </u>	/ IrDA 1.1 compatible / up to 4 Mbps disk password / security keyhole / personalization	Fn + F2 = Battery guage Fn + F3 = Standby				
Preinstalled software Warranty Service options	Microsoft Windows 95 OS 1 year - ThinkPad EasySe	R2 wth applications (listed on right) rv (depot repair service) or carry-in s day (71 cities) / warranty extension to 3 or 5 years	Fn + F4				
and CardBus PC Card	ement, additional I/O ports, d slots. Features include:	OPTIONS - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G7340 - 16 MB SO DIMM 3.3v NP EDO 64 bit 92G7341	Easy-Setup is entered by holding F1 when turning on.				
380, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle - External display (15 - Keyboard - Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (1 - External diskette dri - Power connector (re run on battery) Features of the PC Ca - Two Type III slots (5 - PC Card Standard (9 - CardBus compliant (19)	el (EPP, ECP, 25 pin) pin) 15 pin) - not on system ve conntr - not on system equires AC power; can not ard slots: ide by side) 5 compliant (PCI 2.1 / 32 bit) poprt (no Zoomed Video) PCI1131 controller	- 16 MB SO DIMM NP EDO 64 bit (new) 01K1124 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268 - ThinkPad 560 Port Replicator 46H4209 - ThinkPad 380/385 Port Replicator 84G1316 - ThinkPad 380/385 Li-lon Battery (old) 73H9793 - ThinkPad 380/385 Li-lon Battery 02K6507 - 35 watt AC Adapter (barrel, slim) 76H0139 - 56 watt AC Adapter (barrel; 3 prong) 83H6739 - 8 x CD-ROM 73H9795 - 2.1 GB Disk 13 ms 73H9797 - 3.2 GB Disk 13 ms 02K0487 - 3.1 GB Disk 12 ms 02K0506 - 33.6 Kbps Modem with XJACK 55H6759 - 56K PC Card Modem/Cellular Capable 02K4196	1.08 GB = DMA Mode 2 or PIO Mode 4 1.35 GB = DMA Mode 2 or PIO Mode 4 2.1 GB = DMA Mode 2 or PIO Mode 4 3.0 GB = DMA Mode 2 or PIO Mode 4 5.1 GB = Ultra DMA/33 or PIO Mode 4 FEATURES OF 380 MODELS Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)				

IBM® ThinkPad®							
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	None 256KB / write-through / di Internal 3.5" 1.44MB / use None since diskette intern	rect mapped simultaneou al	/8ns/synchronous pipeli usly with CD-ROM/on righ	ned burst at side	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up able / not removable / on right side		
Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	> 2635-5AU Windows 95 OSR2 September 1997 / Septem 2.1GB ⁴ / 13ms / PIO Mod	ber 1998 e 4	> 2635-6AU Windows 95 OSR2 September 1997 / Septem 3.0GB / 13ms / PIO Mod	: 2635-7AU indows 95 OSR2 eptember 1997 / September 1998 1GB / 12ms / PIO Mode 4 not removeable / upgrade only by IBM or dealer			
Display - size and type Display - techology	12.1 inch FRSTN color SVGA / 640x480 or 800x6 Dual scan / FRSTN / 150i 65,536 sim colors / 35 to 1	ms / 70 nits	12.1 inch TFT color SVGA / 640x480 or 800x6 Active Matrix TFT / 75ms 65,536 simultaneous color	/ 100 nits	contrast ratio ratio		
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125MB / iDRAM™ (emb PCI 2.1 / 32-bit / external S Simultaneous LCD and CF	edded) / cold SVGA to 102	or space conversion and in 4 x 768 with 256 colors	elerator / Zo terpolation i	omed Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw		
Memory - std / max Memory - features	16MB / 80MB / non-parity 1 socket for one JEDEC 1			64MB / sock	et accessed from bottom via screw		
Keyboard / # of keys External keyboard Pointing / palm rest		t with option (ns) / keyboard slope with Po cable 06G8619 or Port Rep		WINDOWS 95 PRELOAD16		
Dimensions Weight ²	11.8 x 9.2 x 2.4" (260 cub 7.0 pounds (3.2 kg)				Microsoft Windows 95 OSR2 (FAT16) Online User's Guide Think Dod Footures Program		
Battery - type / life ¹⁰ Charge time - on / off	Li-lon / non-intelligent / 2.0 4.2 to 12 hrs / 3.3 hrs	hrs	Li-lon/non-intelligent/2.5	hrs	 ThinkPad Features Program SystemSoft CardWorks™ Diskette Factory and Utilities Artisoft CoSession™ Host NetFinity for Windows 95 Puma TranXit™ 		
Architecture	PCI 2.1 / 32-bit / 33MHz (I ISA (audio, diskette, seria	I, parallel, inf	cs, PCMCIA, Port Replica rared) I 82371MX PIIX / NS PC87				
Docking Station Port replicator PCMCIA™ slots Serial / parallel ports	Mone ThinkPad Enhanced Po ThinkPad 380/385 Port Type I or 2 Type II or 1 Ty PCMCIA 2.1 compatible / F One 9 pin; 16550A / one (I	rt Replicator, Replicator ype III / Zoor PC Card Stan	IBM Anti-Virus IBM Global Network (IGN Dialer) Netscape Navigator browser Media Player IntelliQuest Registration Mailer Ergonomics				
Other features Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks	APM-aware BIOS / Universions None None (software support fo None 16-bit audio / 20 voice MIE One internal speaker / .5 v	sal AC adaptor r MPEG-1 in DI FM Synthes vatt / dial volu	er; barrel (35 or 56 watts)	CS4236B	 PointCast (with ThinkPad channel) Marketing Demo Voyetra Audio Station Quicken SE Lotus® SmartSuite CD-ROM Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation) 		
Infrared ports	Infrared port on left side	/ IrĎA 1.1 co	mpatible / up to 4Mbps		Fn + F2 = Battery guage Fn + F3 = Standby		
Preinstalled software Limited warranty ¹¹ Service options ¹⁵	Microsoft® Windows® 95 C 1 year - ThinkPad EasySe	SR2 wth apperv (door-to-d	ord / security keyhole / persolications (listed on right) oor depot repair service) or es) / warranty extension to	r carry-in	Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation		
	ement, additional I/O ports, d slots. Features include:		OPTIONS DIMM 3.3v NP EDO 64-bit DIMM 3.3v NP EDO 64-bit	92G7340 92G7341	Easy-Setup is entered by holding F1 when turning on.		
- Dual IBM lock slots t 380, PC Cards, and I Port Replicator conne - USB - Serial (9 pin), paralle	o secure the ThinkPad Port Replicator ctors: -16MB SO DIMM 3.3v N -16MB SO DIMM 3.3v N -32MB SO DIMM 3.3v N -64MB SO DIMM 3.3v N -64MB SO DIMM 3.3v N -ThinkPad 560 Port Re		DIMM NP 64-bit (new) DIMM 3.3v NP EDO 64-bit DIMM 3.3v NP EDO 64-bit 1560 Port Replicator 1380/385 Port Replicator	01K1124 92G7342 76H0268 46H4209 84G1316	1.08GB = DMA Mode 2 or PIO Mode 4 1.35GB = DMA Mode 2 or PIO Mode 4 2.1GB = DMA Mode 2 or PIO Mode 4 3.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4		
- External display (15 pir - Keyboard - Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (15 p - External diskette drive	pin) 5 pin) - not on system 7 c conntr - not on system 9 quires AC power; can not 1 ard slots: 1 de by side) 5 compliant 1 PCI 2.1 / 32-bit) 1 poport (no Zoomed Video) 1 Cl1131 controller	- ThinkPac - ThinkPac - 35 watt A - 56 watt AC - 8X CD-R - 2.1GB Di - 3.2GB Di - 5.1GB Di - 33.6Kbps	sk 13ms sk 13ms	11J8997) 73H9793 02K6507 76H0139 83H6739 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant Personalization screen at startup International Warranty Service 14 IBM SystemXtra TM 24 hour / 7 day telephone 30, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

IBM [®] ThinkPad [®]						
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	No upgrade / processor, I 512KB / write-through / di Internal 3.5" 1.44MB / use None since diskette intern	33/66 or 266/66MHz ¹ / 64-bit to L2 cache and mem 2 cache, and MTXC (North Bridge) on Intel Mobile rect mapped / 8.5ns data; 15ns tag / sync pipelined simultaneously with CD-ROM / on right side al 5 speed / CAV / multi-session / XA / ATAPI / bootable	Module disk, diskette drive, and CD-ROM are all within the covers of the notebook; removable disk; keyboard does not lift up			
Type - model Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2635-8AU 233/66MHz Windows 95 OSR2 March 1998 / September 1 3.2GB ⁴ / 13ms / PIO Mod	2635-BAU (Auth Assb Prog) 233/66MHz None 998 March 1998 / Sept 1998 March 1998	2635-AAU 266/66MHz 5 OSR2 Windows 95 OSR2 / Sept 1998 March 1998 / Sept 1998 5.1GB / 12ms / PIO Mode 4			
Display - size and type Display - techology Graphics - controller Graph - arch/data path Graphics - features	SVGA / 640x480 or 800x6 Dual scan / HPA / 150ms / 16 mil sim colors / 50 to 1 NeoMagic™ MagicGrapl 2MB / iDRAM™ (embedde	100 nits Active Matrix TFT / 75ms / 100 nits contrast 16.7 million simultaneous colors / 100 to 1128XD™ (NM2160B) / 128-bit SVGA accelerator / 2 cd) / color space conversion and interpolation in X active SVGA to 1024x768 with 65,536 colors	Zoomed Video support / DDC1 and DDC2B			
Memory - std / max Memory - features	32MB / 96MB / non-parity	/ 3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 8, 16, 32, or 64MB / sock	et accessed from hottom via screw			
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 F	key functions) / keyboard slope with Port Replicator with option cable 06G8619 or Port Replicator	WINDOWS 95 PRELOAD ¹⁶ - Microsoft Windows 95 OSR2.1 (FAT16)			
Dimensions / weight ²		ic inches) / 7.1 pounds (3.2 kg)	Internet Explorer 4.0 Online User's Guide			
Battery - type / life ¹⁰ Charge time - on / off	Li-lon / non-intelligent / 8 4.2 to 12 hrs / 3.3 hrs	AU: 3.5 hrs; 9AU: 4.5 hrs; AAU: 4.0 hrs	 ThinkPad Configuration Program SystemSoft CardWorks™ Diskette Factory and Utilities Artisoft ConfigSafe NetFinity for Windows 95 Puma TranXit™ 			
Architecture	ISA (audio, diskette, serià	EIDE, graphics, PCMCIA, USB) I, parallel, infrared) / NS PC97338 (FDC, IR, I/O) I Intel PIIX4 (EIDE, USB, PCI to ISA bridge) DA PCMCIA controller				
Docking station Port replicator	3 ThinkPad 380/385 Port	rt Replicator, ② ThinkPad 560 Port Replicator, Replicator	IBM Anti-Virus IBM Global Network (IGN Dialer) Netscape Navigator browser Intel LANDesk Client Manager (via web)			
PCMCIA™ slots USB / serial / parallel Other features	PCMCIA 2.1 compatible / One USB / one 9 pin; 165	Fype III / CardBus 32-bit PCI / Zoomed video PC Card Standard 95 50A / one (IEEE P1284-A, EPP, ECP, bidirectional) cal AC adapter; barrel (56 watts)	IntelliQuest Registration Mailer Ergonomics PointCast (with ThinkPad channel)			
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None None (software support for None 16-bit / CS4237B / SRS 3 Two front stereo speakers Dial volume control (left so Input/microphone jack (st	or MPEG-1 in Windows 95)	Marketing Demo Tivoli Lightweight Client Framework ThinkPad on the Net Personalization Editor ThinkPad Customization Lotus SmartSuite 97 Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)			
Security	Power-on password / sup	ervisor password / hard disk password /	3.2GB = DMA Mode 2 or PIO Mode 4			
Preinstalled software Limited warranty ¹¹ Service options ¹⁵	1 year - ThinkPad EasySe	Iscalon screen at startup ISR2 wth applications (listed on right) rv (door-to-door depot repair service) or carry-in s day (71 cities) / warranty extension to 3 or 5 years	4.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4 All disks are SMART compliant			
The ThinkPad Enhar provide cable manage	nced Port Replicator ement, additional I/O ports,	OPTIONS - 8MB SO DIMM 3.3v NP EDO 64-bit 92G7340	Fn + F2 = Battery guageFn + F3 = StandbyFn + F4 = Suspend			
	d slots. Features include: o secure the ThinkPad,	- 16MB SO DIMM 3.3v NP EDO 64-bit 92G7341 - 16MB SO DIMM NP EDO 64-bit (new) 01K1124 - 32MB SO DIMM 3.3v NP EDO 64-bit 92G7342	Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation			
Port Replicator conne - USB, serial (9 pin), p - External display (15 - Keyboard and mous - Audio in (3.5 mm) ar - Joystick/MIDI port (1 - External diskette driv - Power connector (re run on battery) Features of the PC Ca - Two Type III slots conditions - PC Card Standard 9 - CardBus compliant (ctors: parallel (25 pin) pin) e d audio out (3.5 mm) 5 pin) - not on system ve conntr - not on system quires AC power; can not ard slots: ide by side) 5 compliant PCI 2.1/32-bit) poort (no Zoomed Video) CI1131 controller	- 64MB SO DIMM 3.3v NP EDO 64-bit - ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad 380/385 Li-lon Battery (old) - ThinkPad 380/385 Li-lon Battery - 56 watt AC Adapter (barrel; 3 prong) - 4.0GB disk, 13ms - 6.4GB disk, 13ms - 6.4GB disk, 13ms, Ultra DMA/33 - 33.6Kbps Modem with XJACK - 56K PC Card Modem Kit - 56K PC Card Modem/Cellular cpble - 10/100 Ethernet CardBus PC Card Easy-Setup is entered by holding F1 when turning on.	FEATURES Wired for Management 1.1a DMI 2.0 compliant PC 97 compliant Setup Guide and User's Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra TM 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service			

IBM [®] ThinkPad [®]							
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	Intel® Mobile Pentium® II 233/66 or 266/66MHz¹ / 64-bit to L2 cache and memory No upgrade / processor, L2 cache, and memory cntr (North Bridge) on Mobile Module 512KB / write-back / 4 way set associative / sync pipelined burst / ECC / 1/2 speed Internal 3.5" 1.44MB / use simultaneously with CD-ROM / on right side None since diskette internal None since diskette internal S.5" CD-ROM / 24X-10X speed / CAV / multi-session / XA / ATAPI / bootable / not removable / on right side						
Type - model Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	4.0GB4 / 13ms / PIO Mod	2635-FAU 266/66MHz Windows 95 8 May 1998 / December 1998					
Display - size and type Display - techology	12.1 inch HPA color SVGA / 640 x 480 or 800 : Dual scan / HPA / 150ms / 16 mil sim colors / 50 to 1	100 nits	12.1 inch TFT color SVGA / 640 x 480 or 800 x 600 Active Matrix TFT / 75ms / 100 nits 16.7 million simultaneous colors / 100 to 1	contrast ratio ratio			
Graphics - controller Graph - arch/data path Graphics - features	2MB / iDRAM™ (embedde	ed) / color SVGA to 1	(NM2160B) /128-bit SVGA accelerator / Z r space conversion and interpolation in X a 1024 x 768 with 65,536 colors	oomed Video support / DDC1 and DDC2B			
Memory - std / max Memory - features	32MB / 96MB / non-parity		/ EDO / 60ns DO SO DIMM of 8, 16, 32, or 64MB / socke	at accessed from bottom via screw			
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 F	n key fund t with opti	ctions) / keyboard slope with Port Replicator on cable 06G8619 or Port Replicator	WINDOWS 95 PRELOAD¹6 - Microsoft Windows 95 OSR2.1 (FAT16) • Internet Explorer 4.0			
Dimensions / weight ²	11.8 x 9.2 x 2.4" (260 cub		, , , , , , , , , , , , , , , , , , , ,	Online User's Guide			
Battery - type / life ¹⁰ Charge time - on / off	Li-lon / non-intelligent / EA 4.2 to 12 hrs / 3.3 hrs	\U: 3.1 hr	s; FAU: 4.0 hrs	 ThinkPad Configuration Program SystemSoft CardWorks™ 			
Architecture		al, paralle PIIX4 (EI	Í, infrared) / NS PC97338 (FDC, IR, I/O) DE, USB, PCI to ISA bridge)	 Diskette Factory and Utilities ConfigSafe NetFinity for Windows 95 Puma TranXit™ 			
Docking station Port replicator	None	rt Replica	ator. ② ThinkPad 560 Port Replicator.	IBM Anti-Virus IBM Global Network (IGN Dialer) Netscape Navigator browser			
PCMCIA™ slots	2 Type I or 2 Type II or 1 PCMCIA 2.1 compatible /	Type III / PC Card	CardBus 32-bit PCI / Zoomed video Standard 95	Intel LANDesk Client Manager (via web) IntelliQuest Registration Mailer Ergonomics			
USB / serial / parallel Other features	APM-aware BIOS / Univer		(IEEE P1284-A, EPP, ECP, bidirectional) apter; barrel (56 watts)	PointCast (with ThinkPad channel) Marketing Demo			
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	Dial volume control (left s	BD audio , s (.5 watt) ide) / inte ereo) / ou	/ / FM synthesis) / one subwoofer above keyboard (1 watt) rnal microphone / full duplex spk/mic ttput jack (stereo) / no joystick port	Tivoli Lightweight Client Framework ThinkPad on the Net Personalization Editor ThinkPad Customization Lotus® SmartSuite 97 Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)			
Security	Power-on password / sup- security keyhole / persona		assword / hard disk password /	4.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4			
Preinstalled software Limited warranty ¹¹ Service options ¹⁵	Microsoft® Windows® 95 C 1 year - ThinkPad EasySe	OSR2.1 w erv ³¹ (doo	ith applications (listed on right) r-to-door depot repair service) or carry-in 2 cities) / serv up to 5 yrs from purchase da	6.4GB = Ultra DMA/33 or PIO Mode 4 All disks are SMART compliant Fn + F2 = Streethy			
The ThinkPad Enhar provide cable manage and CardBus PC Card		- 8MB S - 16MB	OPTIONS O DIMM 3.3v NP EDO 64-bit 92G7340 SO DIMM 3.3v NP EDO 64-bit 01K1124 SO DIMM 3.3v NP EDO 64-bit 92G7342	Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation			
PC Cards, and Port I		- 64MB	SO DIMM 3.3v NP EDO 64-bit 76H0268	FEATURES			
- External diskette dri	parallel (25 pin) pin) e d audio out (3.5 mm) 15 pin) - not on system ve conntr - not on system equires AC power; can not	- ThinkP - ThinkP - ThinkP - 56 wat - 4.0GB - 6.4GB - V.90 P	lad 560 Port Replicator ad 380/385 Port Replicator ad Enhanced Port Replicator ad 380/385 Li-lon Battery 02K6507 t AC Adapter (barrel; 3 prong) disk, 13ms 05K8871 disk, 13ms, Ultra DMA/33 C Card Modem with XJACK ²⁴ 40L7393	DMI 2.0 compliant PC 97 compliant Wired for Management 1.1a Setup Guide, User's Guide, Options by IBM Catalog, Introducing Windows 95 book System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant			
- Two Type III slots (s - PC Card Standard 9 - CardBus compliant (ide by side) 5 compliant (PCI 2.1 / 32-bit) oport (no Zoomed Video) PCI1131 controller	turning o	etup is entered by holding F1 when	International Warranty Service ¹⁴ IBM SystemXtra™ Program 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support			

IBM [®] ThinkPad [®]						
Processor Processor features L2 cache Diskette drive External FDD port CD-ROM	Intel® Mobile Pentium® II No upgrade / processor, L 512KB / sync pipelined bi Internal 3.5" 1.44MB / use None since diskette interr 5.25" CD-ROM / 24X-10X	_2 cache, and MTXC urst / ECC / half speed s simultaneously with nal	(North Bridge) on Intel d CD-ROM / on right side	Э	dule disk, d are all notebo kevbo	one integration means the liskette drive, and CD-ROM within the covers of the ook; removable disk; ard does not lift up / on right side
Type - model Processor Preload (see side) Disk - size / ms Disk controller	2635-HGU 26 Pentium II 233MHz Po	635-JGU entium II 300MHz /indows 98 ns write / SMART one internal disk / dis	2635-HBU Pentium II 233MHz NT 4.0	2635-JBI Pentium NT 4.0	U II 300MHz	2635-JCU (AAP) Pentium II 300MHz None None
Display - size and type Display - techology	13.3 inch TFT color XGA / 640x480 or 800x60 16.7 million simultaneous			100 nits	- D: dri	ve is FAT16 of 2GB ve is FAT32 (if W98) or 6 (if NT) of remaining space
Graphics - controller Graphics - external Graphics - features	NeoMagic™ MagicMedia 2.5MB / SDRAM (embedo External SVGA to 1024x7 Simultaneous LCD and CF	ded) / motion compe 68 with 16.7 million co	ensation / color space o plors at 85Hz	conversion	/ interpolation	
Memory - std / max Memory - features	32MB / 96MB or 160MB* / 1 socket for one JEDEC 1 socket accessed from both	144 pin EĎO SO DIM	EDO / 60ns M of 16, 32, or 64MB /		Microsoft® W Online User'	/indows® 98
Keyboard / # of keys External keyboard Pointing	Full size alp/num / 85 (6 F External keyboard suppor TrackPoint® / Press-to-Se	t with option cable 06	G8619 or Port Replicato	e •	ThinkPad Ut IBM Update RingCentral	ilities Connector
Dimensions Weight ²	11.8 x 9.2 x 2.4" (260 cub 7.2 pounds (3.3 kg) with b		x 233.0mm x 62.0mm	•	Ergonomics IBM Registra	ation
Battery - type / life ¹⁰ Charge time - on / off	Li-lon / non-intelligent / F 4.2 to 12 hrs / 3.3 hrs	dxx: 3.1 hrs; Jxx: 3.3	hrs	•	IBM Global N	Sync 97 (infrared) Network Dialer avigator web browser
Architecture Docking station Port replicator PC Card Std slots USB / serial / parallel Other features	Intel 440BX PCIset / Intel Texas Instruments® T1125 PCI 2.1 / 32-bit / 33MHz (ISA (audio, diskette, serial None ThinkPad Port Replicator 2 Type I, 2 Type II, or 1 Tyrone USB / one 9 pin; 1650 APM-aware BIOS / University	60A PCMCIA controlle EIDE, graphics, PCM II, parallel, infrared) with Advanced Ether pe III / CardBus 32-bit 50A / one (IEEE P128	Replor \$\display Price Pric	Lotus® SmartSuite 97 (CD) ConfigSafe Norton AntiVirus (OEM Version) ThinkPad on the Net (TCC CD) Customization Center CD-ROM Lotus SmartSuite 97 CD-ROM Product Recovery CD-ROM (with boot diskette)		
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None None (software support for None 16-bit / CS4237B / SRS 3 Two front stereo speakers Dial volume control (left s Input/microphone jack (st Infrared port on left side /	D audio / FM synthes s (.5 watt) / one subw ide) / internal micropl tereo) / output jack (s	ic [1 watt)			
Security	Power-on password / supe security keyhole / persona	alization screen at star	tup .	•	Puma Intellis IBM Registra	Sync 97 (infrared) ation
Limited warranty ¹¹ Service options ¹⁵	1 year - carry-in or ThinkP On-site ³² , M-F, 8-5, next b from purchase date			5 years		CardWizard /irus (TCC CD) overy CD-ROM (with boot
management, additio	Replicator with Feature provides cable nal I/O ports, CardBus PC 00 ethernet with Wake on	OPTIONS - 16MB SO DIMM 3.3v NP EDO 64-bit 01K1124 - 32MB SO DIMM 3.3v NP EDO 64-bit 92G7342 - 64MB SO DIMM 3.3v NP EDO 64-bit 76H0268			1.0GB = Ultra 5.4GB = Ultra	DMA/33** or PIO Mode 4 DMA/33** or PIO Mode 4 MART compliant
	el 82558, Wake on LAN) to secure the ThinkPad, Replicator	ThinkPad 560 PorPort Replicator w/ThinkPad 380/38556 watt AC Adaptor	(6507 ⊣6739 ⊻	FEATURES Wired for Management 1.1a complian		
external display, keyl - Audio in and out (3.5 - Joystick/MIDI port (1		- 4.0GB disk**, 13ms 05K8871 - 6.4GB disk**, 13ms, Ultra DMA/33 - V.90 PC Card Modem with XJACK²4 - 56K PC Card Modem/Cellular cpble - 10/100 Ethernet CardBus PC Card 08L3147 - ThinkPad Proven™ solutions¹²(visit www.ibm.com/pc/us/thinkpad/proven)			system Status Ylug and Play 1 Standby, suspe	Int PM enabled) nd User's Guide Indicators I.Oa end, safe suspend (RediSafe
Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant (- PCMCIA 2.1 (no Zoo - TI 1250A controller - Requires no PCI-to-F	ide by side) 5 compliant (PCI 2.1 / 32-bit) omed Video)	lr II	and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra®. 35 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support			

All trademarks are the property of their respective owners

* Maximum memory capacity with 128MB SO DIMM from ThinkPad Proven vendor

** Bus length limits EIDE controller (only on 380Z) to DMA Multi-Word Mode 1 (13MB/sec)

No warranties are expressed or implied in this summary (380Z) © IBM Corp. July 1999

ThinkPad 385D (Retail models) - withdrawn

IBM® ThinkPad®:	385D 12.1" SVGA DSTN or TFT							
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	Pentium® 150/60 MHz or 150/60 MHz with MMX™ technology/ 64 bit transfer to L2 cache / 64 bit transfer to memory None 256 KB / write-through / direct mapped / 8 ns / synchronous pipelined burst Internal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 8 x speed / multi-session / XA / ATAPI / not bootable / not removable / on right side							
Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller	2635-2EU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz 1.35 GB / 13 ms / PIO Mod EIDE / PCI 2.1 / supports of		2635-3EU Windows 95 OSR2 May 1997 / January 1998 150/60 MHz with MMX ted 2.1 GB / 13 ms / PIO Modisk / no DMA or busmaste	de 4	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; keyboard does not lift up of removeable / upgrade only by IBM or dealer			
Display - size and type Display - techology	12.1 inch DSTN color SVGA / 640 x 480 or 800 x Dual scan 65,536 sim colors / 30 to 1		12.1 inch TFT color SVGA / 640 x 480 or 800 : Black Matrix TFT - active 65,536 simultaneous color	matrix	contrast ratio ratio			
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph	128ZV™ (NN edded) / cold VGA to 1024	M2093) /128 bit SVGA acce or space conversion and in x 768 with 256 colors	elerator / Zoo	med Video support / DDC1 and DDC2B n X and Y axis / support for DCI, DirectDraw			
Memory - std / max Memory - features	16 MB / 80 MB / non-parity			4 MB / socke	et accessed from bottom via screw			
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fn External keyboard support TrackPoint III™ / no drag lo	key function with option c ock keys	is) / keyboard slope with Po able 06G8619 or Port Repli	rt Replicator	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16) - Lotus SmartSuite			
Dimensions Weight Battery - type / life	11.8 x 9.2 x 2.4" (260 cubi 7.1 pounds (3.2 kg) NiMH / non-intelligent / 2.0		6.9 pounds (3.1 kg) Li-Ion / non-intelligent / 2.6	hrs	- WordPro Word Processor - 1-2-3 Spreadsheet - Freelance Graphics			
Charge time - on / off Architecture	3.5 to 9 hrs / 2.5 to 3.5 hrs PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, PCMCIA, Port Replicator) ISA (audio, diskette, serial, parallel, infrared) Intel® Mobile Triton 82430 PCIset / Intel 82371MX PIIX / NS PC87338							
Docking Station Port replicator	None ① ThinkPad Enhanced Por ③ ThinkPad 380/385 Port F	t Replicator,		AOL, AT&T WorldNet, CompuServe Media Player Active Movie (MPEG-1, AVI) Video for Windows CD Audio Player MIDI Sequencer Quicken SE				
PCMCIA™ slots Serial / parallel ports	2 Type I or 2 Type II or 1 Ty PCMCIA 2.1 compatible / P One 9 pin; 16550A / one (IE	C Card Stand EEE P1284- <i>F</i>	D6729 (PCI)					
Other features Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	APM-aware BIOS / University None None 16 bit audio chip / 20 voice One internal speaker / .5 w Input/microphone jack (ste Infrared port on left side	e MIDI FM Syr att / dial volu reo) / output	or™ CS4236 III duplex	Expensable Wall Street Money SE National Golf Course Directory Rand McNally's Trip Maker IBM Anti-Virus IBM Online Housecall IBM Update Connector IntelliLink Connect				
Security	Power-on password / Hard		, ,		- TranXit - Online User's Guide			
Preinstalled software Warranty		rv (optional C	vernight Repair Option) or	carry-in	SystemSoft Card Works Password Protected Marketing Demo			
and CardBus PC Card - Dual IBM lock slots t 385D, PC Cards, and Port Replicator conne - USB - Serial (9 pin); paralle	ement, additional I/O ports, d slots. Features include: to secure the ThinkPad d Port Replicator ctors:	-8 MB SO I -16 MB SO -32 MB SO -64 MB SO - ThinkPad - ThinkPad	DIMM 3.3v NP EDO 64 bit 560 Port Replicator 380/385 Port Replicator Enhanced Port Replicator	64 bit 92G7340 064 bit 92G7341 064 bit 92G7342 064 bit 76H0268 r 46H4209 licator 84G1316	 CD-ROMs included in the Shipping Cartor Preload Recovery CD w/boot diskette Windows 95 CD (no installation) Picture Perfect Golf 			
- Keyboard - Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (1 - External diskette driv	ouse udio in (3.5 mm) udio out (3.5 mm) yystick/MIDI port (15 pin) - not on system xternal diskette drive conntr - not on system ower connector (requires AC power; can not		C Ádapter (slim, barrel) DM DD 13 ms sk 13 ms sk 12 ms Modem with XJACK ard Modem Kit b is entered by holding F1	76H0139 73H9795 73H9797 02K0487 02K0506 55H6759 04K0052	FEATURES OF 385D MODELS Quick Setup Guide System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe) and hibernation modes US EPA Energy Star compliant Personalization screen at startup			
Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant (- 8/16 bit PC Card sup - Texas Instruments P - Requires no PCI-to-I	ide by side) 5 compliant PCI 2.1 / 32 bit) oport (no Zoomed Video) CI1131 controller	Fn+F3 = Fn+F4 = Fn+F7 = Fn+F11 =	g on. = Battery guage = Standby = Suspend = LCD/CRT/Simultaneous = Power mgmt = Hibernation		International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)			

III ThinkPad 385ED (Retail models) - withdrawn

IBM [®] ThinkPad [®] :	385ED 12.1" SVGA Fast Response	e STN or A	ctive Matrix / 20x max varial	ole speed CD	-ROM				
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM	None 256 KB / write-through / dir Internal 3.5" 1.44 MB / use None since diskette interna	entium® MMX [™] 166/66 MHz / 64 bit transfer to L2 cache / 64 bit transfer to memory one disk, diskette drive, and CD-F are all within the covers of the ternal 3.5" 1.44 MB / use simultaneously with CD-ROM / on right side All-in-one integration means disk, diskette drive, and CD-F are all within the covers of the notebook;							
Type - model (code) UPC code Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2635-5EU 087944350163 Windows 95 OSR2 September 1997 / July 199 2.1 GB / 13 ms / PIO Mode EIDE / PCI 2.1 / supports of	2635-6EU 087944343660 Windows 95 OSR2 September 1997 / July 1997							
Display - size and type Display - techology	12.1 inch Fast Response of SVGA / 640 x 480 or 800 x Dual scan / FRSTN / 150 m 65,536 sim colors / 35 to 1 or 65,536 sim c	600 ns / 70 nits	12.1 inch Active color SVGA / 640 x 480 or 800 x Active Matrix TFT / 75 ms 65,536 simultaneous color	s / 100 nits	ontrast ra	tio ratio			
Graphics - controller Graph - arch/data path Graphics - features	NeoMagic™ MagicGraph 1.125 MB / iDRAM™ (ember PCI 2.1 / 32 bit / external S\ Simultaneous LCD and CR	edded) / co VGA to 102	lor space conversion and in 4 x 768 with 256 colors	elerator / Zoc Iterpolation ir	med Viden X and Y	eo support / DDC1 and DDC2B axis / support for DCI, DirectDraw			
Memory - std / max Memory - features	16 MB / 80 MB / non-parity 1 socket for one JEDEC 14			64 MB / sock	et access	sed from bottom via screw			
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 Fn External keyboard support TrackPoint III™ / no drag lo	key functio	ns) / keyboard slope with Po	ort Replicator	- Micro	WINDOWS 95 PRELOAD posoft Windows 95 OSR2 (FAT16) s SmartSuite 97			
Dimensions Weight	11.8 x 9.2 x 2.4" (260 cubic 7.1 pounds (3.2 kg)	inches)			- Wo	rdPro Word Processor -3 Spreadsheet			
Battery - type / life Charge time - on / off	Li-lon / non-intelligent / 2.0 I 4.2 to 12 hrs / 3.3 hrs	nrs	Li-Ion / non-intelligent / 2.5	hrs	- Fre - App	- Freelance Graphics - Approach Database - Organizer Scheduler - ScreenCam - Ergonomics - Diskette factory and utilities - ThinkPad customization icon - IntelliQuest Registration Mailer - Voyetra Audio Station - IBM Global Network (IGN) - NetScape Navigator Browser - AOL, AT&T WorldNet, CompuServe			
Architecture Docking Station Port replicator PCMCIA™ slots Serial / parallel ports Other features	PCI 2.1 / 32 bit / 33 Mhz (E ISA (audio, diskette, serial, Intel® Mobile Triton 82430 F None ① ThinkPad Enhanced Port ② ThinkPad 380/385 Port R 2 Type I or 2 Type II or 1 Typ PCMCIA 2.1 compatible / PC One 9 pin; 16550A / one (IE APM-aware BIOS / Univers	parallel, in PCIset / Inte Replicator eplicator pe III / Zoo C Card Star EEE P1284-	frared) bl 82371MX PIIX / NS PC873 c, 2 ThinkPad 560 Port Repliemed Video support in lowed and 95 / Cirrus Logic CL-P-A, EPP, ECP, bidirectional)	338 cator, er slot / D6729 (PCI)	- Scr - Ergo - Diske - Think - Intell - Voye - IBM - NetS - AOL				
Video in/out MPEG decoder Data/fax modem Audio support Audio in/out jacks Infrared ports	None None (software support for None 16 bit audio chip / 20 voice One internal speaker / .5 was Input/microphone jack (ster Infrared port on left side /	MIDI FM Sy att / dial vol	/nthesis / CS4236B ume control / int mic/ full dup t iack (stereo) / no iovstick p		 Media Player Active Movie (MPEG-1, AVI) Video for Windows CD Audio Player MIDI Sequencer Quicken SE Expensable Wall Street Money SE 				
Security			ord / security keyhole / pers	onalization	- Natio	onal Golf Course Directory I McNally's Trip Maker			
Preinstalled software Warranty	Microsoft Windows 95 OSR 1 year - ThinkPad EasySer	2 wth appli v (optional	cations (listed on right) depot repair service) or carr	y-in	- IBM /	Anti-Virus Online Housecall			
The ThinkPad Enhar provide cable manage and CardBus PC Card	nced Port Replicator ement, additional I/O ports, d slots. Features include:		OPTIONS DIMM 3.3v NP EDO 64 bit O DIMM 3.3v NP EDO 64 bit	92G7340 92G7341	- IBM Update Connector - TranXit™ - Online User's Guide				
385, PC Cards, and Port Replicator conne - USB - Serial (9 pin), paralle - External display (15 - Keyboard - Mouse - Audio in (3.5 mm) - Audio out (3.5 mm) - Joystick/MIDI port (4	ettors:	- 16 MB Sc - 32 MB Sc - 64 MB Sc - ThinkPac - ThinkPac - ThinkPac - ThinkPac - 35 watt A	O DIMM NP EDO 64 bit (new O DIMM 3.3v NP EDO 64 bit O DIMM 3.3v NP EDO 64 bit d 1560 Port Replicator 1380/385 Port Replicator 1580/385 Li-lon Battery (old) 1380/385 Li-lon Battery C Adapter (barrel, slim) C Adapter (barrel; 3 prong) isk 13 ms isk 13 ms	92G7342	- Point - Pass - CD-F - Pre - Wir - Pic - Quick S System Plug ar	emSoft Card Works Cast Cast Word Protected Marketing Demo ROMs included in the shipping carton cload Recovery CD w/boot diskette adows 95 CD (no installation) ture Perfect Golf FEATURES OF 385 MODELS Setup Guide a Status Indicators and Play 1.0a The suspend safe suspend (RediSafe)			

Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes US EPA Energy Star compliant Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

02K0506

55H6759

04K0052

- 5.1 GB Disk 12 ms

- 33.6 Kbps Modem with XJACK

- 56K PC Card Modem Kit

- Power connector (requires AC power; can not

run on battery)

IBM [®] ThinkPad [®]								
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	Pentium® 233/66¹ with MMX™ technology, 266/66MHz with MMX™ technology, or Pentium II 266/66MHz No upgrade / processor, L2 cache, and memory controller (North Bridge) on Mobile Module 512KB / sync pipelined burst (66MHz for Pentium / ECC and 133MHz for Pentium II) Internal 3.5" 1.44MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 24X-10X⁵ speed / CAV / multi-session / XA / ATAPI / bootable / not removable / on right side							
Type - model UPC code Processor Avail / withdrawn date Disk - size / ms Disk controller	2635-8EU 0-87944-40513-9 Pentium 233/66MHz March 1998 / Sept 1998 2.1GB ⁴ / 13ms / PIO Mod	2635-9EU 0-87944-40514-6 Pentium 266/66MHz March 1998 / Sept 1998 e 4 3.2GB / 13ms / PIO Mode 4	2635-DEU 0-87944-41973-0 Pentium II 266/6 May 1998 / Sept 3.2GB / 13ms / F	All-in-one integration means the disk, diskette drive, and CD-ROM are all within the covers of the notebook; removable disk;				
Display - size and type Display - techology	SVGA / 640x480 or 800x	formance Addressing) color 600 / 150ms / 100 nits / us colors / 50 to 1 contrast	SVGA / 640x480	olor / Active Matrix 0 or 800x600 / 75ms / 100 nits oultaneous colors / 100 to 1 contrast				
Graphics - controller Graph - arch/data path Graphics - features	2MB / iDRAM™ (embedde	ed) / color space conversion and int SVGA to 1024x768 with 65,536 col	erpolation in X an	pomed Video support / DDC1 and DDC2B d Y axis / support for DCI, DirectDraw				
Memory - std / max Memory - features Keyboard / # of keys External keyboard Pointing / palm rest	32MB / 96MB / non-parity 1 socket for one JEDEC 1 Full size alp/num / 85 (6 F External keyboard support TrackPoint III™ / no drag	r / 3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 8, 16, 32, n key functions) / keyboard slope wirt vit with option cable 06G8619 or Port lock keys	h Port Replicator Replicator	WINDOWS 95 PRELOAD16 - Microsoft Windows 95 OSR2.1 (FAT16) • Internet Explorer 4.0 • Online User's Guide • ThinkPad Configuration Program				
Dimensions / weight ² Battery - type / life ¹⁰ Charge time - on / off	11.8 x 9.2 x 2.4" (260 culti-lon / non-intelligent / 3. 4.2 to 12 hrs / 3.3 hrs	oic inches) / 8EU/9EU: 7.1 pounds; 0 hrs	DEU: 7.2 lbs	 SystemSoft CardWorks™ Diskette Factory and Utilities Artisoft ConfigSafe 				
Architecture	Intel® Triton 430TX, PIIX4 PIIX4 (EIDE, USB, PCI to PCI 2.1 / 32-bit / 33MHz (For Pentium systems / Intel 440BX ISA bridge)TI® TI1250A PCMCIA of EIDE, graphics, PCMCIA, USB) II, parallel, infrared) / NS PC97338 (ontroller	Update Connector Puma TranXit™ IBM Anti-Virus IBM Global Network (IGN Dialer)				
Docking station Port replicator	Nonè	ort Replicator, ② ThinkPad 560 Port		Netscape Navigator browser Media Player IntelliQuest Registration Mailer Fragagaign				
PCMCIA™ slots USB / serial / parallel Other features	PCMCIA 2.1 compatible / One USB / one 9 pin; 165	50A / one (IEEE P1284-A, EPP, E0	P, bidirectional)	Ergonomics PointCast (with ThinkPad channel) Marketing Demo Expensable				
Other features Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None None (software support for 56KB PC Card Modem / 16-bit / CS4237B / SRS 3 Two front stereo speaker Dial volume control (left so Input/microphone jack (st	rsal AC adapter; barrel (56 watts)/: or MPEG-1 in Windows 95) Cellular Capable / x2 / XJACK con Boudio / FM synthesis S (.5 watt) / one subwoofer above kide) / internal microphone / full duplereo) / output jack (stereo) / no joys IrDA 1.1 compatible / up to 4Mbps	necor (02K4196) eyboard (1 watt) ex spk/mic	ThinkPad on the Net Personalization Editor ThinkPad Customization Lotus SmartSuite 97 Voyetra Audio Station Rand McNally's Trip Maker Quicken 98 (subject to change) EA Sports PGA Tour Golf CD-ROM Recovery CD-ROM with boot diskette				
Security	Power-on password / sup security keyhole / persona	ervisor password / hard disk passw alization screen at startup	ord /	♦ Windows 95 CD-ROM (no installation)3.2GB = DMA Mode 2 or PIO Mode 4				
Preinstalled software Limited warranty ¹¹ Service options ¹⁵	1 year - ThinkPad EasyS	OSR2.1 wth applications (listed on r erv (door-to-door depot repair servi us day (71 cities) / warranty extension	ce) or carry-in	4.0GB = DMA Mode 2 or PIO Mode 4 5.1GB = Ultra DMA/33 or PIO Mode 4 All disks are SMART compliant				
and CardBus PC Card - Dual IBM lock slots t PC Cards, and Port F Port Replicator conne - USB, serial (9 pin), p - External display (15 - Keyboard and mouse - Audio in (3.5 mm) an - Joystick/MIDI port (1 - External diskette driv - Power connector (re run on battery) Features of the PC Ca - Two Type III slots (s - PC Card Standard 9 - CardBus compliant (- 8/16-bit PC Card sup	ement, additional I/O ports, d slots. Features include: o secure the ThinkPad, Replicator ctors: parallel (25 pin) pin) e end audio out (3.5 mm) 5 pin) - not on system ve conntr - not on system quires AC power; can not ard slots: ide by side) 5 compliant PCI 2.1 / 32-bit) port (no Zoomed Video)	OPTIONS - 8MB SO DIMM 3.3v NP EDO 64 16MB SO DIMM 3.3v NP EDO 64 16MB SO DIMM M.3.v NP EDO 64 16MB SO DIMM M.3.v NP EDO 64 32MB SO DIMM 3.3v NP EDO 64 64MB SO DIMM 3.3v NP EDO 64 ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad Enhanced Port Replicator - ThinkPad 380/385 Li-lon Battery - ThinkPad 380/385 Li-lon Battery - ThinkPad 380/385 Li-lon Battery - 56 watt AC Adapter (barrel; 3 pro - 6.4GB disk, 13ms, Ultra DMA/33 - 33.6Kbps Modem with XJACK - 56K PC Card Modem Kit - 56K PC Card Modem/Cellular Cap	I-bit 92G7341 new)01K1124 I-bit 92G7342 I-bit 76H0268 46H4209 r 84G1316 tor 11J8997 (old) 73H9793 02K6507 ng) 83H6739 02K0518 55H6759 04K0052 pable 02K4196	Fn + F2 = Battery guage Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CRT/Simultaneous Fn + F11 = Power mgmt Fn + F12 = Hibernation FEATURES DMI 2.0 compliant (via software upgrade) PC 97 compliant Wired for Management 1.1a Setup Guide, User's Guide, Options by IBM catalog, Windows 95 book System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe), and hibernation modes ENERGY STAR compliant International Warranty Service 14 24 hour / 7 day telephone 30, bulletin board, fax, electronic, and Internet				
- Texas Instruments P - Requires no PCI-to-F		turning on.		(www.ibm.com/pc/us) support IBM and dealer warranty/service				

Time ThinkPad® 385XD (Windows 98) - withdrawn

IBM [®] ThinkPad [®]					
Processor type Processor features L2 cache Diskette drive External FDD port CD-ROM	Pentium® 233/66MHz¹ with MMX technology No processor upgrade / processor, L2 cache, and memory controller (North Bridge) on Mobile Module 512KB / synchronous pipelined burst (66MHz) Internal 3.5" 1.44MB / use simultaneously with CD-ROM / on right side None since diskette internal 5.25" CD-ROM / 24X-10X° speed / CAV / multi-session / XA / ATAPI / bootable / not removable / on right side				
Type - model UPC code Avail / withdrawn date Disk - size / ms Disk - partitioning Disk controller	2635-LEU 0-87944-452188 July 1998 / September 199 3.2GB ⁴ / 13ms (read); 14 Partitioned as C: (2GB - F	A di 98 th	l-in-one integration means the disk, diskette ive, and CD-ROM are all within the covers of e notebook; removable disk; byboard does not lift up		
Display - size and type Display - techology	12.1 inch TFT color / Act SVGA / 640x480 or 800x 16.7 million simultaneous	600 / 75ms / 100 nits			
Graphics - controller Graph - arch/data path Graphics - features	2MB / iDRAM™ (embedde	n128XD™ (NM2160B) / 128-bit SVGA accelerator d) / color space conversion and interpolation in X SVGA to 1024x768 with 65,536 colors at 75Hz RT / 150 degree tilt	/ Zoomed Video support / DDC1 and DDC2B and Y axis / support for DCI, DirectDraw		
Memory - std / max Memory - features	32MB / 96MB / non-parity 1 socket for one JEDEC 1	/ 3.3 volt / EDO / 60ns 44 pin EDO SO DIMM of 16, 32, or 64MB	WINDOWS 98 PRELOAD16		
Keyboard / # of keys External keyboard Pointing / palm rest	Full size alp/num / 85 (6 F	n key functions) / keyboard slope with Port Replicate t with option cable 06G8619 or Port Replicator	or - Microsoft Windows 98 (FAT16) • Internet Explorer 4.01 • Online User's Guide • ThinkPad Configuration Program		
Dimensions / weight ²	11.8 x 9.2 x 2.4" (260 cub	oic inches) / 7.1 pounds (3.2kg) with battery/disk	Software Select Utility		
Battery - type / life ¹⁰ Charge time - on / off	Li-lon / non-intelligent / 3.4 4.2 to 12 hrs / 3.3 hrs	5 hrs	 Diskette Factory and Utilities Artisoft ConfigSafe 		
Architecture	Intel® Triton 430TX PIIX4 (EIDE, USB, PCI to ISA bridge) / TI® TI1250A PCMCIA controller PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB) ISA (audio, diskette, serial, parallel, infrared) / NS PC97338 (FDC, IR, I/O) ■ IBM Update Connector • Puma IntelliSync 97 • Norton Antivirus (OEM Version IBM Global Network™ (IGN Diagram)				
Docking station Port replicator	None	ort Replicator, @ ThinkPad 560 Port Replicator,	Netscape Navigator browser RingZero Fax Central IntelliQuest Registration Mailer		
PCMCIA™ slots	2 Type I or 2 Type II or 1	Гуре III / CardBus 32-bit PCI / Zoomed Video	ErgonomicsIntuit Expensable		
USB / serial / parallel Other features	One USB / one 9 pin; 165 APM-aware BIOS / Unive	PC Card Standard 95 50A / one (IEEE P1284-A, EPP, ECP, bidirection rsal AC adapter; barrel (56 watts) / 35 watt suppor	ThinkPad on the Net Demonstration Editor		
Video in/out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	56KB ⁹ PC Card Modem / 16-bit / CS4237B / SRS 3 Two front stereo speaker Dial volume control (left s Input/microphone jack (st	or MPEG-1 in Windows 98) 'Cellular Capable / x2 / XJACK connector (02K41 D audio / FM synthesis ss (.5 watt) / one subwoofer above keyboard (1 wat de) / internal microphone / full duplex spk/mic ereo) / output jack (stereo) / no joystick port IrDA 1.1 compatible / up to 4Mbps	Rand McNally's Trip Maker Quicken 98 EA Sports PGA Tour Golf CD-ROM Recovery CD-ROM with boot diskette		
Security	Power-on password / sup security keyhole / persona	ervisor password / hard disk password / alization screen at startup	En LE2 — Bettenuguege		
Preinstalled software Limited warranty ¹¹ Service options ¹⁵	1 year - ThinkPad EasySe	vith applications (listed on right) erv (door-to-door depot repair service) or carry-in s day (72 cities) / warranty extension to 3 or 5 yea	Fn + F11 = Power mgmt		
The ThinkPad Enhanced Port Replicator		OPTIONS	Fn + F12 = Hibernation		
provide cable management, additional I/O ports, and CardBus PC Card slots. Features include: - Dual IBM lock slots to secure the ThinkPad,		 - 16MB SO DIMM 3.3v NP EDO 64-bit 92G7341 - 16MB SO DIMM NP EDO 64-bit (new)01K1124 - 32MB SO DIMM 3.3v NP EDO 64-bit 92G7342 			
PC Cards, and Port Replicator Port Replicator connectors: - USB, serial (9 pin), parallel (25 pin) - External display (15 pin) - Keyboard and mouse - Audio in (3.5 mm) and audio out (3.5 mm) - Joystick/MIDI port (15 pin) - not on system - External diskette drive conntr - not on system - Power connector (requires AC power; can not run on battery) Features of the PC Card slots: - Two Type III slots (side by side) - PC Card Standard 95 compliant - CardBus compliant (PCI 2.1 / 32-bit) - 8/16-bit PC Card support (no Zoomed Video) - Texas Instruments PCI1131 controller - Requires no PCI-to-PCI bridge		- 64MB SO DIMM 3.3v NP EDO 64-bit 76H0268 - ThinkPad 560 Port Replicator - ThinkPad 380/385 Port Replicator - ThinkPad Enhanced Port Replicator - ThinkPad 380/385 Li-Ion Battery (old) - ThinkPad 380/385 Li-Ion Battery - External Battery Charger - 56 watt AC Adapter (barrel; 3 prong) - 6.4GB disk, 13ms, Ultra DMA/33 - 33.6Kbps Modem with XJACK - 56K PC Card Modem Kit - 04K0052 - 56K PC Card Modem/Cellular Capable 02K4196 Easy-Setup is entered by holding F1 when turning on.	FEATURES DMI 2.0 compliant (via software upgrade) PC 97 compliant Wired for Management 1.1a Setup Guide, User's Guide, Options by IBM catalog, Windows 95 book System Status Indicators Plug and Play 1.0a Standby, suspend, safe suspend (RediSafe		

IBM® ThinkPad®						
Processor Processor features L2 cache Diskette drive External FDD port	No upgrade / processor, I 512KB / sync pipelined b	t¹ with MMX™ technology of L2 cache, and MTXC (North urst (66MHz for Pentium / Enovable from UltraBay FX / of hal	Bridge) on Intel Mobile M CC and 150MHz for Pen	fodule ntium II)	All-in-one design: disk,	
CD-ROM DVD-ROM	CD-ROM / 24X-10X ⁵ spee Option: Removable Ultra	ed / ATAPI / bootable / remo Bay FX option / 2X ⁵ integrat	ed with diskette drive / no		integrated with diskette drive n Pentium systems (2xx)	
Type - model Processor Disk - size / ms Disk controller Avail / withdrawn date	2626-20U Pentium 233MHz 3.2GB ⁴ / 13ms read / 14n EIDE / PCI 2.1 / supports November 1998 / March	one internal disk / disk can b	2626-70U Pentium II 266MHz 4.3GB ⁴ / 13ms read / 14 De removed to upgrade by			
Display - size and type Display - techology	12.1" TFT color / Active SVGA / 640x480 or 800x616.7 million simultaneou		14.1" TFT color / Active XGA / 640x480 or 800x6 16.7 million simultaneo	600 or 1024x7		
Graphics - controller Graphics - external	2.5MB / SDRAM (embedo External SVGA to 1024x7	a256AV™ (NM2200) / PCI 2. ded) / motion compensation 68 with 16.7 million colors at	on / color space conversions. 85Hz	on / interpolat	erface / DDC2B / Direct3D ion in X and Y axis by (UltraBay FX) has a device	
Graphics - features Memory - std / max Memory - features	32MB / 256MB ³³ SDRAM / non-parity / 66M 2 sockets for JEDEC 144		64MB / 256MB ³³ t used by std memory	 lock on the bottom of the system and a bay LED which should be off to safely remove a device; it supports: standard diskette/CD-ROM (warm swap) 		
Keyboard Pointing	TrackPoint® / Press-to-Se	functions) / palm rest / keyb lect / Release-to-Select / dra (Internet Scroll Bar) or magn	agging / click pace			
Dimensions Weight ² Case material	12.4 x 10.1 x 1.8" (225 cu 7.5 lbs (3.4 kg) with batter PC/ABS plastic		12.4 x 10.2 x 1.8" (227 of 7.7 lbs (3.5 kg) with batt PC/ABS plastic		- C: drive is FAT16 of 2GB - D: drive is FAT32 of	
Battery - type / life ¹⁰ Charge time ¹⁰ - on / off	NiMH / intelligent / 3.25 hr 5 hrs on / 2.5 hrs off	s (1 battery) / left side	Li-lon / intelligent / 4 hrs 6 hrs on / 3 hrs off	/ left side	remaining space	
Docking station Port replicator PC Card Std slots USB / serial / parallel Other features Video in/out MPEG decoder Data/fax modem Audio Speakers	Intel PIIX4E (EIDE, PCI to Texas Instruments® T1125 PCI 2.1 / 32-bit / 33MHz (ISA (audio, diskette, serial None ThinkPad Port Replicator 2 Type I, 2 Type II, or 1 Type II,	50A PCMCIA controller / NS EIDE, graphics, PCMCIA, U al, parallel, infrared, modem) with Advanced EtherJet™ / T pe III / CardBus 32-bit / PCM 50A / one (IEEE P1284-A, E sal AC adapter; barrel (56 wa bor MPEG-1 in Windows 98) ted in system / Lucent 1644 ✓ compatible / NeoMagic NM o speakers on display (1 wa	PC97338 (FDC, IR, I/O) ISB, audio) ThinkPad 560 Port Replic CIA 2.1 / Zoomed video PP, ECP, bidirectional) atts) / not voice-capable 1A2 / ISA / full duplex	WINDOWS 98 PRELOAD16 - Microsoft® Windows® 98 - Online User's Guide - ThinkPad Configuration Program - ThinkPad Utilities - IBM Update Connector - RingCentral Fax - Ergonomics - IBM Registration - Puma IntelliSync 97 (infrared) - IBM Global Network Dialer - Netscape Navigator web browser - Lotus® SmartSuite Millennium ²⁰ - PC Doctor		
Audio features Audio in/out jacks Infrared ports Security	Microphone jack (stereo) Infrared port on left side / Power-on password / setu	ial volume control (right side) / internal microphone icrophone jack (stereo) / line-in jack frared port on left side / IrDA 1.1 compatible / up to 4Mbps ower-on password / setup password / disk password / security keyhole / security screw for UltraBay FX		ConfigSafe Norton AntiVirus (OEM Version) ThinkPad on the Net (TCC CD) Customization Center CD-ROM Cutus SmartSuite Millennium CD-ROM		
Limited warranty ¹¹ Service options ¹⁵	1 year - carry-in or ThinkP	Pad EasyServ ^{TM31} (door-to-do	or depot repair service) 5 yrs from purchase date	♦ Product Recovery CD-ROM		
Resolution TFT 640x480 16M 800x600 16M 1024x768 16M	External Monitor	OPTIO - 32MB SO DIMM 3.3v NF - 64MB SO DIMM 3.3v NF - 128MB SO DIMM 3.3v N	P SDRAM 76H0294 P SDRAM 20L0241 IP SDRAM 01K1150	3.2GB = Ultra DMA/33 or PIO Mode 4 4.3GB = Ultra DMA/33 or PIO Mode 4 6.4GB = Ultra DMA/33 or PIO Mode 4 10GB = Ultra DMA/33 or PIO Mode 4 All disks are S.M.A.R.T. ²⁹ compliant		
The ThinkPad Port R Advanced Ether Jet Im anagement, addition Card slots, and 10/10 LAN™28. Features: • 10/100 ethernet (Inte • Dual IBM lock slots to PC Cards, and Port • USB, serial (RS-232 external display, key • Audio in and out (3.5	leplicator with Feature provides cable nal I/O ports, CardBus PC 0 ethernet with Wake on let 82558, Wake on LAN) to secure the ThinkPad, Replicator (s, 9 pin), parallel (25 pin), board, mouse mm) 15 pin) - not on system rd slots (side by side) 95 compliant t (PCI 2.1 / 32-bit)	- ThinkPad 560 Port Replicator WAdvan - ThinkPad 390/i Series Li - 56 watt AC Adapter (barr - 6.4GB disk with UltraBay - 900MHz Cordless Comp - V.90 PC Card Modem wi - 10/100 Ethernet CardBu - Smart Card Security Kit - DVD/Diskette (for UltraBay - Visit www.ibm.com/pc/uswww.ibm.com/pc/ca/acc - ThinkPad Proven™ solut www.ibm.com/pc/us/thinl Pressing F1 during startup Setup Utility	ced EtherJet05K4872 -lon Battery 02K6513 rel; 3 prong) 83H6739 y FX adapter 05K8923 y FX adapter 05K8983 outer Conn 04K0064 ith XJACK ²⁴ 10L7393 s PC Card 08L3147 10L7333 day FX) 05K8921 s/accessories (U.S.) or essories (CA) ions¹² (visit kpad/proven)	DMI 2.0 com PC 97 comp ACPI ready Wake on LA Setup Guide 98 manual System State Plug and Pla Standby, sus ENERGY ST Internationa IBM System 24 hour / 7 c board, fax	Idiant (APM enabled) N™ support²8	

 IBM [®] ThinkPad [®]					
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM	No upgrade / processor, I Celeron: 128KB; Pentium Internal 3.5" 1.44MB / ren CD-ROM / 24X-10X ⁵ spee	800 or 366MHz¹ or Mobile Pentium® II 300PE Le cache, and MTXC (North Bridge) on Intel Month of the Month o	obile Module (MMC2) pipelined burst / ECC / write-back rated with CD-ROM / no external diskette por r FX / on right side / integrated with diskette dri		
Type - model Processor Disk - size / ms Preload (see side) Available date Display (diagonal)	> 2626-90U	S-C0U	626-ENU		
Display - size and type Display - technology	212.1" TFT color 308mm / . SVGA / 800x600 / 30ms / 16.7 millioncolors / 100 t		ts XGA / 1024x768 / 20 to 30ms / 120 ni		
Graphics - controller	2.5MB / SGRAM (embedd	256AV™ (NM2200) / 128-bit engine, 256-bit meded) / motion compensation / color space con RT ²⁶ / 150 degree tilt / multiple-monitor support ²⁶	nversion / interpolation in X and Y axis		
Graphics - features Memory - std / max Memory - features	32MB / 256MB ³³ SDRAM / non-parity / 66M 2 sockets for JEDEC 144	64MB / 256MB ³³	0MB / 256MB ³³ 32MB / 256MB ³³ Dry / WINDOWS 98 PRELOAD ¹⁶		
Disk controller Keyboard Pointing	EIDE / PCI 2.1 / one inter customer / supports two in Full-size 85-key (7 Fn key TrackPoint® / Press-to-Sel	nal disk / disk can be removed to upgrade by ternal disks/ 13ms read / 14ms write / S.M.A.R. functions) / palm rest / keyboard slope with tilt fect / Release-to-Select / dragging / click pace / (Internet Scroll Bar) or magnifying glass / spare of	Online User's Guide ThinkPad Configuration Program ThinkPad Utilities IBM Update Connector Isin Control Foundation		
Dimensions Weight ² (with batt/disk Case material Battery - type Battery - life ¹⁰ (1 batt) Charge time ¹⁰	c)Celeron models: 7.5 lbs PC/ABS plastic 90U/C0U/D0U/B0U: NiMH 90U/C0U: 3.0 hrs D0U: 4	0.1 x 1.8" (225 cu in) Others: 12.4 x 10.2 x (3.4 kg) Pentium models: 7.7 lbs (3.5 kg) / intelligent / left side Others: Li-lon / intelligent hrs E0U/ENU: 3.8 hrs B0U: 2.67 hrs 0ff brs off / 2 hrs off	Intelliquest Registration Puma IntelliSync 97 (infrared) IBM Global Network Dialer		
Architecture Docking station	 Intel 440BX AGPset / Intel PIIX4E (EIDE, PCI to ISA bridge, USB) Texas Instruments® T11251A PCMCIA controller / NS PC97338 (FDC, IR, I/O) PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB, audio, modem) ISA (diskette, serial, parallel, infrared) None ConfigSafe Norton AntiVirus (OEM Version) ThinkPad on the Net (TCC CD) Universal Management Agent Customization Center CD Letus SmortSuite Millegrium CD E 				
Port replicator PC Card Std slots USB / serial / parallel Other features	2 Type I, 2 Type II, or 1 Ty One USB / one 9 pin; 165	with Advanced EtherJet™ / ThinkPad 560 Port R oe III / CardBus 32-bit / PCMCIA 2.1 / Zoomed vit 50A / one (IEEE P1284-A, EPP, ECP, bidirection m AC adapter, barrel, 3-prong, 56 watts	 ♦ Recovery CD-ROM (Windows 98) ♦ Recovery CD-ROM (Windows 95) 		
Video (TV) out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	None (W98 support for M 56K³7 V.90 / integrated in 16-bit SoundBlaster Pro™ Two Altec Lansing® stere Dial volume control (right Microphone jack (stereo)	side (does not require cable) / Chrontel Ch7004 PEG-2 because 300MHz with motion compensa system / PCI / Lucent 1646 / not voice-capable compatible / ESS 1946 / PCI / full duplex o speakers on display (1 watt) side) / internal microphone / headphone jack (stereo) / line-in jack IrDA 1.1 compatible / up to 4Mbps	tition) e - Microsoft Windows N1 - 4.0 - Service Pack 4 - ThinkPad Utilities - Online User's Guide - ThinkPad Configuration Program - Ergonomics - IBM Registration		
Security	Power-on password / setup security keyhole / security	p password / disk password / screw for UltraBay FX	Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Communicator		
Limited warranty ¹¹ Service options ¹⁵		ad EasyServ™³¹ (door-to-door depot repair servic us day (72 cities) / serv up to 5 yrs from purchase da	Universal Management Agent ConfigSafe Norton AntiVirus (OEM Version)		
Color depth LCD Resolution TFT	External Monitor 60Hz 75Hz 85Hz	OPTIONS - 32MB SO DIMM 3.3v NP SDRAM 76H0	 IBM Update Connector SystemSoft CardWizard Universal Management Agent Software Selections CD-ROM 		
640x480 16M 800x600 16M 1024x768 16M 1280x1024	16M 16M 16M 16M 16M 16M 16M 16M 16M 256	- 64MB SO DIMM 3.3v NP SDRAM - 128MB SO DIMM 3.3v NP SDRAM - ThinkPad 560 Port Replicator - Port Replicator w/ Advanced EtherJet - ThinkPad 390/i Series Li-lon Battery - ThinkPad 390/i Series Li-lon Battery - ThinkPad 390/i Series (2, propa) - 2866	241		
All models: - C: drive is FAT16 of 2GB - D: drive is FAT32 of remaining space The right bay (UltraBay FX) has a device lock on the bottom of the system and a bay LED which should be off to safely remove a device; it supports: - standard diskette/CD-ROM (warm swap; W98) - optional DVD/CD-ROM (warm swap; W98)		 Ultraslim 56 watt AC Adapter (3-prong) 02K6 6.4GB disk with UltraBay FX adapter 10GB disk with UltraBay FX adapter DVD/Diskette (for UltraBay FX) 05K8 CD/Diskette (for UltraBay FX) 05K8 	923 ACPI ready (APM enabled) Wake on LAN® support ²⁸ 921 Setup Guide, User's Reference, Window OS manual, and Quick Reference Carc		
		- 900MHz Cordless Computer Conn - V.90 PC Card Modem with XJACK ²⁴ - 10/100 Ethernet CardBus PC Card - Smart Card Security Kit - ThinkPad Proven™ solutions¹² (visit	 System Status Indicators 147 1075 Standby, suspend, and hibernation mode ENERGY STAR compliant International Warranty Service¹⁴ 		
	tery (hot swap; Ŵ98/NŤ); in one k (cold swap)	www.ibm.com/pc/us/thinkpad/proven) Pressing F1 during startup brings up IBM BIOS	IBM SystemXtra ^{®,35} 24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support		

IBM® ThinkPad®			
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM	No upgrade / processor, Celeron: 128KB; Pentiu Internal 3.5" 1.44MB / re CD-ROM / 24X-10X ⁵ spe Option: Removable Ultra	400MHz¹ or Mobile Pentium® II 400MHz / 66MHz so L2 cache, and MTXC (North Bridge) on Intel Mobile Im II: 256KB; All: onboard (full speed) / sync pipel movable from UltraBay™ FX / on right side / integrate ed / ATAPI / bootable / removable from UltraBay FX / aBay FX option / 4X-1X⁵ DVD integrated with a disket	Module (MMC2) ined burst / ECC / write-back ed with CD-ROM / no external disktte port on right side / integrated with diskette drive tte drive
Type - model Processor / MHz Disk - size / read ms Preload (see side) Avail / withdrawn date Display (diagonal)	4.8GB ⁴ / 13ms Windows 98 Sept 99 / Jul 00 12.1" TFT SVGA 6.4GB Windo Sept 9 14.1"	Marcol M	II 400 I2ms Jul 00 XGA
Display - size and type Display - technology	12.1" TFT color 308mm / SVGA / 800x600 / 20 to 3 16.7 million colors / 150	Active Matrix 30ms / 150 nits to 1 contrast 14.1" TFT color 358mm / Active Matrix 150 nits to 1 contrast 16.7 million colors /150 to 1 contrast	nits XGA / 1024x768 / 10 to 30ms / 120 nits
Graphics controller	2.5MB / SGRAM (embed	a256AV [™] (NM2200) / 128-bit engine, 256-bit memor lded) / motion compensation / color space convers RT ²⁶ / 150 degree tilt / multiple-monitor support ²⁶	y interface / 1X AGP / DDC2B / ion / interpolation in X and Y axis
Memory - std / max Memory - features	2 sockets for JEDEC 144	OMHz / PC100-compliant / 3.3 volt / 64-bit / I-pin SO DIMMs / one socket used by std memory / bottom via removing cover held by phillips-head screw	WINDOWS 98 PRELOAD ¹⁶ - Microsoft® Windows® 98
Disk controller Keyboard Pointing	customer / supports two in Full-size 85-key (7 Fn key TrackPoint® / Press-to-Se	rnal disk / disk can be removed to upgrade by hernal disks / 13ms read / 14ms write / S.M.A.R.T. ²⁹ / functions) / palm rest / keyboard slope with tilt feet elect / Release-to-Select / dragging / click pace / (Internet Scroll Bar) or magnifying glass / spare caps	 Access ThinkPad Online User's Guide ThinkPad Configuration Program ThinkPad Utilities IBM Update Connector RingCentral Fax
Dimensions Weight ² (with batt/disk) Case material		1.8" (225 cu in) 15": 12.9 x 10.6 x 1.8" (246 cu) 7.5 lbs (3.4 kg) 15" models: 7.9 lbs (3.6 kg)	Ergonomics Intelliquest Registration Puma IntelliSync 97 (infrared)
Battery - type Battery - life ¹⁰ (1 batt) Charge time ¹⁰	F0U: 2.5 hrs Gxx/Hxx: 3	eft side Others: Li-lon / intelligent / left side .67 hrs Jxx: 3.5 hrs rs off Jxx: 6 hrs on / 3 hrs off	IBM Global Network Dialer Netscape Communicator Lotus® SmartSuite® Millennium ²⁰
Architecture Docking station Port replicator PC Card Std slots	Texas Instruments® TI12! PCI 2.1 / 32-bit / 33MHz ISA (diskette, serial, para None ThinkPad Port Replicator 2 Type I, 2 Type II, or 1 Ty	with Advanced EtherJet™ / Basic Port Replicator /pe III / CardBus 32-bit / PCMCIA 2.1 / Zoomed video	 PC-Doctor ConfigSafe® Norton AntiVirus™ (OEM Version) Universal Management Services Software Selections CD Lotus SmartSuite Millennium CD-RON Recovery CD-ROM (Windows 98) Recovery CD-ROM (Windows 95)
USB / serial / parallel Other features Video (TV) out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	APM-aware BIOS / Ultras S-Video out connector of None (W98 support for N 56K ²² V.90 / integrated in conforms to earlier draft 16-bit SoundBlaster Pro ^T Two Altec Lansing® stere Dial volume control (righ Microphone jack (stereo) Infrared port on left side	550A / one (IEEE P1284-A, EPP, ECP, bidirectional) lim AC adapter, barrel, 3-prong, 56 watts in side (does not require cable) / Chrontel Ch7004C-T MPEG-2 because 300MHz with motion compensation) in system / PCI / Lucent 1646 / not voice-capable / specs similar to Mini PCI Type IIIb will support / ESS 1946 / PCI / full duplex to speakers (1 watt) on display (on front for 15" mod) at side) / internal microphone / headphone jack (stereo) / line-in jack / IrDA 1.1 compatible / up to 4Mbps	WINDOWS NT PRELOAD ¹⁶ - Microsoft Windows NT® 4.0 - Service Pack 4 - ThinkPad Utilities - Online User's Guide - ThinkPad Configuration Program - Ergonomics - Intelliquest Registration - Puma IntelliSync 97 (infrared) - IBM Global Network Dialer
Security Limited warranty ¹¹	security keyhole / security	up password / disk password / y screw for UltraBay FX Pad EasyServ ^{™31} (door-to-door depot repair service)	Netscape Communicator ConfigSafe Norton AntiVirus (OEM Version)
Service options ¹⁵	On-site ³² , M-F, 8-5, next I	ous day (72 cities) / serv up to 5 yrs from purchase date	IBM Update Connector SystemSoft CardWizard
Color depth LCD Resolution TFT 640x480 16M 800x600 16M 1024x768 16M 1280x1024	60Hz 75Hz 85Hz 16M 16M 16M 16M 16M 16M 16M 16M 16M 256	OPTIONS - 32MB SO DIMM 100MHz NP SDRAM 20L0253 - 64MB SO DIMM 100MHz NP SDRAM 20L0254 - 128MB SO DIMM 100MZ NP SDRAM 20L0255 - 256MB SO DIMM 100MZ NP SDRAM 33L3069 - Basic (ThinkPad 560) Port Replicator 46H4209	Universal Management Services Software Selections CD-ROM Lotus SmartSuite Millennium CD-ROM Recovery CD-ROM (Windows NT) FEATURES
All models: - C: drive is FAT16 of - D: drive is FAT32 of i	2GB remaining space	 Port Replicator w/ Advanced EtherJet ThinkPad 390/i Series Li-Ion Battery Ultraslim 56 watt AC Adapter (3-prong) 6.4GB disk with UltraBay FX adapter 05K8923 	FEATURES Wired for Management 1.1a-compliant DMI 2.0-compliant PC 98-compliant ACPI ready (APM enabled)
the bottom of the systeshould be off to safely supports: • standard diskette/CE Windows 98) • optional DVD/CD-Re	O-ROM (warm swap with OM (warm swap; W98) ery (hot swap; W98/NT); n one (cold swap)	- 10GB disk with UltraBay FX adapter - 12GB disk with UltraBay FX adapter - 4X-1X DVD/Diskette (for UltraBay FX) - CD/Diskette (for UltraBay FX) - 10/100 EtherJet Ready Port CardBus Adapter with 56K modem - 10/100 Ethernet CardBus PC Card - 10/100 EtherJet Ready	Wake on LAN® support ²⁸ Setup Guide, User's Reference, Windows OS manual, and Quick Reference Card System Status Indicators Plug and Play 1.0a Standby, suspend, and hibernation modes ENERGY STAR-compliant International Warranty Service ¹⁴ IBM SystemXtra®.35 24 hour / 7 day30 telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

運派 ThinkPad® 390X (Pentium III) - withdrawn

IBM [®] ThinkPad [®]								
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM		r, L2 cache, and memo peed / sync pipelined emovable from UltraBa eed / ATAPI / bootable	ory controller (North Bri burst / ECC / write-back ay™ FX / on right side / e / removable from Ultra	dge) on l k integrate Bay FX /	ed with CD-ROI on right side / i	dule (MMC2) M / no external disktte port ntegrated with diskette drive		
Type - model Processor / MHz Disk - size / read ms Preload (see side) Avail / withdrawn date Display (diagonal)	> 2626-L0U Pentium III 450MHz 12.0GB ⁴ / 12ms Windows 98 SE Dec 1999 / Oct 2000	**2626-LNU Pentium III 450MHz 12.0GB / 12ms NT 4.0 Dec 1999 / Oct 2000 14.1" TFT XGA	≈ 2626-L2U Pentium III 450MHz 12.0GB / 12ms Windows 2000 Feb 2000 / Oct 2000 14.1" TFT XGA	Second				
Display - size and type Display - technology	e 14.1" TFT color 358mm XGA / 1024x768 / 20 to 16.7 million colors /150	30ms / 120 nits		XGA / 1	024x768 / 10 to	n / Active Matrix o 30ms / 120 nits 50 to 1 contrast		
Graphics controller	NeoMagic™ MagicMed 2.5MB / SGRAM (embe simultaneous LCD and	edded) / motion comp	ensation / color space	it memor conversi	y interface / 1X	AGP / DDC2B /		
Memory - std / max Memory - features	64MB / 512MB ³³ SDRAM / non-parity / 10 2 sockets for JEDEC 14 sockets accessed from	00MHz / PC100-compli 14-pin SO DIMMs / on	ant / 3.3 volt / 64-bit / e socket used by std m	emory /				
Disk controller Keyboard Pointing	EIDE / PCI 2.1 / one int customer / supports two Full-size 85-key (7 Fn kd TrackPoint® / Press-to-S center button for scrolling	internal disks / 13ms re ey functions) / palm res Select / Release-to-Sele	ead / 14ms write / S.M./ st / keyboard slope with ect / dragging / click pac	A.R.T. ²⁹ tilt feet ce /	ThinkPad CoThinkPad UtIBM UpdateRingCentralThinkPad on	onfiguration Program ilities Connector Fax the Net		
Dimensions ³⁶ Weight ² (with batt/disk) Case material Battery - type Battery - life ¹⁰ (1 batt) Charge time ¹⁰	14.1"mod: 12.4 x 10.2 x 14.1" models: 7.7 lbs (3 PC/ABS plastic Li-lon / intelligent / left si 14.1" models: 3.7 hrs 14.1" models: 5 hrs on /	.5 kg)	l lbs (3.6 kg)	246 cu)	PC-DoctorConfigSafe®	Network Dialer ommunicator tSuite® Millennium ²⁰		
Architecture Docking station	Intel 440BX AGPset / In Texas Instruments® TI12 PCI 2.1 / 32-bit / 33MHz	" models: 5 hrs on / 2.5 hrs off 15" models: 6 hrs on / 3 hrs off 440BX AGPset / Intel PIIX4E (EIDE, PCI to ISA bridge, USB) / s Instruments® T11251B PCMCIA controller / NS PC97338 (FDC, IR, I/O) 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB, audio, modem) (diskette, serial, parallel, infrared) PROCED-ROM (Windows 98) Recovery CD-ROM (Windows 95) Recovery CD-ROM (Windows 95)						
Port replicator PC Card Std slots USB / serial / parallel Other features	ThinkPad Port Replicate 2 Type I, 2 Type II, or 1 One USB / one 9 pin; 16	ThinkPad Port Replicator with Advanced EtherJet™ / Basic Port Replicator 2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed video One USB / one 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)				/S 2000 PRELOAD ¹⁶ 00® Professional		
Video (TV) out MPEG decoder Data/fax modem Audio Speakers Audio features Audio in/out jacks Infrared ports	S-Video out connector None (W98 support for 56K ³⁷ V.90 / integrated conforms to earlier draf 16-bit SoundBlaster Pro Two Altec Lansing® ste Dial volume control (rig	aware BIOS / Ultraslim AC adapter, barrel, 3-prong, 56 watts eo out connector on side (does not require cable) / Chrontel Ch7004C-T (W98 support for MPEG-2 because 300MHz with motion compensation) V.90 / integrated in system / PCI / Lucent 1646 / not voice-capable / rms to earlier draft specs similar to Mini PCI Type IIIb SoundBlaster Pro TM support / ESS 1946 / PCI / full duplex Altec Lansing® stereo speakers (1 watt) on display (on front for 15" mod) olume control (right side) / internal microphone phone jack (stereo) / headphone jack (stereo) / line-in jack				 ThinkPad Configuration Program IBM Registration PC-Doctor RingCentral Fax 		
Security	Power-on password / se security keyhole / security	etup password / disk pa ity screw for UltraBay I	assword / =X		 Norton AntiV Universal Ma Lotus Smart 	irus™ (OEM Version) anagement Services (web) Suite Millennium CD		
Limited warranty ¹¹ Service options ¹⁵	1 year - carry-in or Thin On-site ³² , M-F, 8-5, next	t bus day (72 cities) / s	erv up to 5 yrs from purch	service) lase date	♦ Recovery CE	lections CD-ROM D-ROM (Windows 2000) D-ROM (Windows NT)40		
Color depth LCD Resolution TFT 640x480 16M	External Monitor 60Hz 75Hz 85Hz 16M 16M 16M	- 64MB SO DIMM 1	OPTIONS 00MHz NP SDRAM 20 00MHz NP SDRAM 20)L0254				
800x600 16M 1024x768 16M 1280x1024	16M 16M 16M 16M 16M 16M 16M 16M 16M 256	- 128MB SO DIMM - 256MB SO DIMM - Basic (ThinkPad 5	100Mz NP SDRAM 20 100Mz NP SDRAM 33 660) Port Replicator 46	0L0255 3L3069	Wired for Man	FEATURES agement 1.1a-compliant		
on the bottom of the s which should be off to it supports: • standard diskette/CI Windows 98) • optional DVD/CD-R	k (cold swap) roven™ solutions¹² :	- ThinkPad 390 Li-I - Ultraslim 56 watt A - 6.4GB disk with Ul - 10GB disk with Ul - 12GB disk with Ul	on Battery C Adapter (3-prong) C Adapter (3-prong) O2 traBay FX adapter traBay FX adapter tte (for UltraBay FX) O5 ltraBay FX) leady Port CardBus modem 34 ardBus PC Card ity Kit Bay FA 37	OS manual, a System Status Plug and Play Standby, suspe ENERGY STA International W IBM SystemXt 24 hour / 7 day board, fax, eli	ant PM enabled) ** support ²⁸ **Jser's Reference, Windows and Quick Reference Card Indicators 1.0a end, and hibernation modes R-compliant farranty Service ¹⁴			

IBM® ThinkPad®:	≈ 560	≈ 560	Γ.	ThinkPad 560 key features:	
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive	None None External 3.5" 1.44 MB (con External FDD port (works) None (CD-ROM drive as C	n, 133/66 MHz / 64 bit to transfers to nects to left side) / includes case with with standard external diskette; no l DEM option via PCMCIA or parallel	Next generation ultraportable notebook Slim: 1.2 inches Lightweight: 4.1 pounds Full size keyboard Pentium 100/66 to 133/66 MHz 11.3" Dual Scan SVGA or 12.1" TFT SVGA PCI bus 8 MB EDO memory		
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Disk - size / ms Disk controller		2640-E0A 2640-E0C Windows 95 Blank 97 May 1996 / January 1997 120/60 MHz 810 MB / 13 ms 1 / supports one internal disk	2640-F0E Windows 95 Jul 96 / Apr 97 133/66 MHz 1.08 GB / 13 n	Pallet of 24 2640-F0D OS/2 Warp Connect Blank July 1996 / January 1997	
Display - size and type	11.3" Dual Scan SVGA co	olor 12.1" TFT SVGA color			
Display - techology	11.3" SVGA color / 640 x 4 256 simultaneous colors / I			or / 640 x 480 or 800 x 600 / 65,536 sim colors T - active matrix / 100 to 1 contrast ratio	
Gaphics - features Graphics - external	PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CR External SVGA to 1024 x 7	'68 w/ 256 colors	ge DRAM / 70 n DIVE support	WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide	
Memory - std / max Memory - features Memory - upgrade	8 MB / 40 MB (72 MB with 70 ns / non-parity / 3.3 volt 1 socket for one JEDEC 1		32 MB	 ThinkPad Features Program PC Card Director 4.0 Diskette Factory 1. Triton CoSession™ Host 	
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag lo	d remains flat (no sloop) / opt P Replic	•	Lotus Organizer IntelliLink Connect IRM Internet Connection Services with	
Dimensions Weight	11.7 x 8.7 x 1.22" (124 cub 4.12 pounds (1.87 kg)	ic inches) 4.10 pounds (1.86 kg)		5. Puma TranXit™ 6. Compuserv for Windows	
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs			7. NetFinity for Windows 95 - Lotus SmartSuite 96 CD-ROM	
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (audio, diskette, serial, parallel, infrared) PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, PCMCIA) / Mobile Triton 82430MX None ThinkPad 560 Port Replicator 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) Universal AC Adapter 2 prong (35 watts) with barrel connector / APM-aware BIOS / Selectable boot IBM BIOS OS/2 WARP CONNECT PR IBM OS/2 Warp Connect Version WIIN-OS/2 with Bonus Pak apple - Online User's Guide - ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory 1. Lotus Organizer				
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	None None None 16 bit audio chip / 18 voic Int stereo speakers / .5 wat Input jack (3.5 mm) / Outpu None	te MIDI FM synthesis / ESS1688 tt / rotary volume control / internal mi t jack (3.5 mm) / not full duplex speak	2. Puma TranXit™ 3. IntelliLink Connect 4. NetFinity for OS/2 5. Triton CoSession™ Host; - Lotus SmartSuite 4.0 (entitled to SSuite 96) BLANK PRELOAD - License for SmartSuite		
Security	Power-on password / Lock	ing device keyhole on back	ps	The optional ThinkPad 560 Port	
Preinstalled software Warranty	Windows 95 with application	/ Personalization screen at startup ons (listed on right) rv (optional Overnight Repair Option	n) or carry-in	Replicator acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope.	
Easy-Setup is entered turning on.	d by holding F1 when	Compatible in ThinkPad 560 family - Disks: (365/760 IDE disks not so			
810 MB = DMA Mod 1.08 GB = DMA Mod Fn + F2 = Battery g Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CR' Fn + F11 = Power m	e 2 or PIO Mode 4 uage T/Simultaneous	1.08 GB HDD II EIDE 13 ms 2.1 GB HDD 14 ms ThinkPad 560 Port Replicator ThinkPad 560 Li-Ion Battery Pa 35 watt AC Adapter - barrel/3 pro 35 watt AC Adapter (slim, 2 pin) 8 MB SO DIMM 3.3v NP EDO 64 16 MB SO DIMM 3.3v NP EDO 64	46H4208 45H8783 46H4209 ack 46H4206 ong 85G6719 76H0139 bit 92G7340 4 bit 92G7341	I I S EDA Energy Star compliant	
Fn + F12 = Hibernati Hardware accelerati Windows™ is integrat graphics controller; intaxis; color space convenabled	on on of 'Video for ed into the 9382 terpolation in X and Y	32 MB SO DIMM 3.3v NP EDO 64 Disk is not removable (like 755/76 but it can be upgraded via a deale center (not customer installable). System does not have non-disrupt exchange. Battery can be change system is off, in hibernation, or unit	4 bit 92G7342 50 systems), or or service tive battery ed while	Personalized nameplate indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service	

Time ThinkPad 560 (1997 models) - withdrawn

IBM [®] ThinkPad [®] :	× 560	× 560	ThinkPad 560 key features:			
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive Code name	None None External 3.5" 1.44 MB (co External FDD port (works	or 12.1" TFT SVGA color 4 bit to transfers to memory nnects to left side) / includes case with a cable with standard external diskette; no kit reqd) DEM option via PCMCIA or parallel port)	 Next generation <u>ultraportable</u> notebook Slim: 1.2 inches Lightweight: 4.1 pounds Full size keyboard Pentium 133/66 MHz 11.3" Dual Scan SVGA or 12.1" TFT SVGA PCI bus 8 MB EDO memory 			
Price Type - model Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2640-10U Windows 95 OSR2 February 1997 / January 1 2.1 GB / 14 ms / DMA Mo EIDE / busmaster / PCI 2.					
Display - size and type	11.3" Dual Scan SVGA co	olor 12.1" TFT SVGA color				
Display - techology	11.3" SVGA color / 640 x 256 simultaneous colors /		color / 640 x 480 or 800 x 600 / 65,536 sim colors TFT - active matrix / 100 to 1 contrast ratio			
Gaphics - features Graphics - external	PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CF External SVGA to 1024 x 7	'68 with 256 colors	- Microsoft Windows 95 OSR2 - Online User's Guide			
Memory - std / max Memory - features Memory - upgrade	8 MB / 40 MB (72 MB w/ T 70 ns / non-parity / 3.3 volt 1 socket for one JEDEC 1		ThinkPad Features Program PC Card Director 4.0 Diskette Factory			
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint III™ / no drag lo	d remains flat (no sloop) / opt P Replicator adds	4. Dura Tran Vitt			
Dimensions Weight	11.7 x 8.7 x 1.22" (124 cub 4.12 pounds (1.87 kg)	ic inches) [4.10 pounds (1.86 kg)	6. IBM Anti-Virus 7. IGN/Netscape web browser			
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs	hium lon / intelligent 8. Erg 9. Lot				
Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features Video in/out MPEG decoder	None ThinkPad 560 Port Replica 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (II	EIDE, graphics, PCMCIA) / Mobile Triton 82430 ator /pe III EEE P1284-A, EPP, ECP, bidirectional) ong (35 watts) with barrel connector (slim) /	DMX			
DSP function Data/fax modem Audio support Jacks Telephone	None None 16 bit audio chip / 18 void Internal stereo speakers / Input jack (3.5 mm) / Output None		unit and provides a keyboard slope. Following are its connectors:			
Infrared ports Security	Power-on password / hard	rDA 1.0 compatible / up to 115 Kbps disk password / Locking device keyhole on back / Personalization screen at startup	- Release button - Security keyhole (Kensington) - Mouse			
Preinstalled software Warranty	Windows 95 with application					
Easy-Setup is entered turning on.	d by holding F1 when	OPTIONS	- Serial (9 pin) - External diskette drive - Power jack			
Fn + F2 = Battery g Fn + F3 = Standby Fn + F4 = Suspend Fn + F7 = LCD/CR' Fn + F11 = Power m Fn + F12 = Hibernati Hardware accelerati Windows™ is integrat graphics controller; intaxis; color space convenabled	T/Simultaneous gmt ion on of 'Video for ted into the 9382 terpolation in X and Y	- Disks: (365/760 IDE disks not supported) 1.08 GB HDD II EIDE 13 ms	PEATURES OF 560 MODELS Quick Setup Guide Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate indention Personalization screen at startup International Warranty Service IBM System Care Program 1 24 hour /7 day telephone, bulletin			
exchange. Battery ca system is off, in hiberr power.	an be changed while anation, or under AC	Disk is not removable (like 755/760 systems), but it can be upgraded via a dealer or service center (not customer installable).	(http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)			

IIM ThinkPad 560E - withdrawn

≯ 560E	≍ 560E				
None 256 KB / write-back / direct External 3.5" 1.44 MB (con External FDD port (works w	mapped / 8 ns / synchronous pipe nects to left side) / includes case w ith standard external diskette; no	elined burst vith a cable kit regd)	fers to L2 cache and memory		
Windows 95 OSR2 June 1997 / January 1998 2.1 GB / 14 ms / DMA Mod	e 2 or PIO Mode 4 / SMART	/IMX technology			
11.3" Dual Scan SVGA co	lor 12.1" TFT SVGA color	1			
65,536 sim colors / Dual S	can / 30 to 1 contrast ratio	Black Matrix TFT - a	640 x 480 or 800 x 600 / 65,536 sim colors active matrix / 100 to 1 contrast ratio		
PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CR	to memory / DCI, DirectDraw, EnD T / 135 degree tilt		WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide		
		64 MB	ThinkPad Features Program PC Card Director 4.0 Diskette Factory 1. Triton CoSession™ Host		
Large palm rest / keyboard in TrackPoint III™ / no drag lo	emains flat (no sloop) / opt P Replica ck keys	•	CompuServ for Windows NetFinity for Windows 95 Puma TranXit™ IntelliLink Connect		
11.7" x 8.7" x 1.22" (124 cu 4.1 pounds (1.9 kg)	bic inches) 4.1 pounds (1.9 kg)		6. IBM Anti-Virus 7. IBM Global Network with Netscape		
Lithium lon / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs			web browser 8. Registration Mailer 9. Lotus Organizer - 10. Lotus SmartSuite 96		
PCI 2.1/32 bit/33 Mhz (EI None ThinkPad 560 Port Replicat 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A/one (IE Universal AC Adapter 2 pro APM-aware BIOS / APM 1	33 Mhz (EIDE, graphics, PCMCIA) / Mobile Triton 82430MX ort Replicator oe II or 1 Type III / Cirrus Logic® PD6729 0A / one (IEEE P1284-A, EPP, ECP, bidirectional) dapter 2 prong (35 watts) with barrel connector (slim) / 0S / APM 1.2 / Selectable boot / IBM BIOS - Recovery CD-ROM with boot dis - Windows 95 CD-ROM (no install bisk is not removable (like 755/760 systems), but it can be upgraded videaler or service center (not custor)				
None None 16 bit audio chip/18 voic Internal stereo speakers / .! Input jack (3.5 mm) / Outpu None Infrared port (left side) / Ir	i watt / rotarý volume control / inter t jack (3.5 mm) / not full duplex spe DA 1.1 compatible / up to 4 Mbp	eakers/mic es	The optional ThinkPad 560 Port Replicator acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors:		
		yhole on back	- Release button - Security keyhole		
1 year - ThinkPad EasySer	v (depot repair sérvice) or carry-in	on to 3 or 5 years	- Mouse - Keyboard - External monitor - Parallel		
d by holding F1 when	OPTIONS - Disks: (365/760 IDE disks not s 2.1 GB HDD 14 ms		- Serial (9 pin) - External diskette drive - Power jack		
T/Simultaneous gmt ion on of 'Video for ted into the 9382 terpolation in X and Y version when DCI e non-disruptive battery an be changed while	4.0 GB HDD 13 ms - ThinkPad 560 Port Replicato - ThinkPad 560 Li-Ion Battery - 35 watt AC Adapter - barrel/ - 35 watt AC Adapter (slim, 2) - 8 MB SO DIMM 3.3v NP EDO - 16 MB SO DIMM 3.3v NP EDO - 32 MB SO DIMM 3.3v NP EDO - 64 MB SO DIMM 3.3v NP EDO - External 4 x PCMCIA CD-ROM - Ext 4 x PCMCIA Stereo CD- - 8-20 x Portable CD-ROM - 8-20 x Portable Stereo CD-R - PCMCIA 33.6 Kbps modem	02K0501 46H4209 Pack 46H4206 3 prong 85G6719 76H0139 64 bit 92G7340 064 bit 92G7341 064 bit 76H0268 1 1969008 ROM 1969009 1969010 ROM 1969011 25H6420	FEATURES OF 560E MODELS Quick Setup Guide Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate indention Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		
	11.3" Dual Scan SVGA cole Pentium³ 150/60 MHz or 1 None 256 KB / write-back / direct External 3.5" 1.44 MB (conr External FDD port (works w None (CD-ROM drive as Of 2640-30U Pentium 150/60 with MMX Windows 95 OSR2 June 1997 / January 1998 2.1 GB / 14 ms / DMA Mode EIDE / busmaster / PCI 2.1 11.3" Dual Scan SVGA co 11.3" SVGA color / 640 x 4 65,536 sim colors / Dual S Trident™ CYBER9382 / 64 PCI 2.1 / 32 bit / 32 bit path Simultaneous LCD and CR External SVGA to 1024 x 76 16 MB / 80 MB 70 ns / non-parity / 3.3 volt / 1 socket for one JEDEC 14 Full size alp/num / 85 keys Large palm rest / keyboard in TrackPoint III™ / no drag lod Integrated palm rest / extern 11.7" x 8.7" x 1.22" (124 cul 4.1 pounds (1.9 kg) Lithium lon / intelligent 3 hours 2.5 to 3.5 hrs / 1.5 hrs ISA (audio, diskette, serial, PCI 2.1 / 32 bit / 33 Mhz (Ell None ThinkPad 560 Port Replicat 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (IE Universal AC Adapter 2 pro APM-aware BIOS / APM 1. None None None None Infrared port (left side) / Ir Power-on past with application 1 year - ThinkPad EasySer	11.3" Dual Scan SVGA color Pentium* 150/60 MHz or 166/66 MHz / both with MMX tech None 256 KB / write-back / direct mapped / 8 ns/ synchronous pipe External 3.5" 1.44 MB (connects to left side) / includes case we External FDD port (works with standard external diskette, no None (CD-ROM drive as OEM option via PCMCIA or parallel 2640-30U Pentium 150/60 with MMX Windows 95 OSR2 June 1997 / January 1998 2.1 GB / 14 ms / DMA Mode 2 or PIO Mode 4 / SMART EIDE / busmaster / PCI 2.1 / supports one internal disk 11.3" Dual Scan SVGA color 12.1" TFT SVGA color 11.3" SVGA color / 640 x 480 or 800 x 600 65.536 sim colors / Dual Scan / 30 to 1 contrast ratio Trident** CYBER3932 (54 bit SVGA accelerator / 2 MB fast p PCI 2.1 / 32 bit / 33 wolt / EDO 1 socket for one JEDEC 144 pin EDO SO-DIMM of 8, 16, 32, Full size alp/num / 85 keys (6 Fn key functions) Large palm rest / keyboard remains flat (no sloop) / opt P Replic TrackPoint III** / no drag lock keys Integrated palm rest / external keyboard support (with optiona 11.7" x 8.7" x 1.22" (124 cubic inches) 4.1 pounds (1.9 kg)	11.3" Dual Scan SVGA color Pentium' 150/60 MHz or 166/66 MHz / both with MMX technology / 64 bit trans None 256 KB / write-back / direct mapped / 8 ns / synchronous pipelined burst External 3.5" 1.44 MB (connects to left side) / includes case with a cable External FDD port (works with standard external diskette, no kit reqd) None (CD-ROM drive as OEM option via PCMCIA or parallel port) 2640-30U Pentium 150/60 with MMX Windows 95 OSR2 12640-30U Pentium 150/60 with MMX Windows 95 OSR2 2.1 GB / 14 ms / DMA Mode 2 or PIO Mode 4 / SMART EIDE / busmaster / PCI 2.1 / supports one internal disk 11.3" Dual Scan SVGA color 12.1" TFT SVGA color 11.3" SVGA color / 640 x 480 or 800 x 600 11.3" SVGA color / 640 x 480 or 800 x 600 11.3" SVGA color / 640 x 480 or 800 x 600 11.3" SVGA color / 640 x 480 or 800 x 600 11.3" SVGA color / 640 x 480 or 800 x 600 11.3" SVGA color / 640 x 480 or 800 x 600 15.536 sim colors / Dual Scan / 30 to 1 contrast ratio Black Matrix TFT - 65.536 sim colors / Dual Scan / 30 to 1 contrast ratio Black Matrix TFT - 67.2 to 1.2" to 1.2" TFT SVGA color / Black Matrix TFT - 67.2 to 1.2" to 1.2" to 1.2" TFT SVGA color / Black Matrix TFT - 67.2 to 1.2" to		

IBM [®] ThinkPad [®]					
Processor type Processor upgrade L2 cache Diskette drive External FDD port CD-ROM drive	Pentium® MMX™ 200/66 or 2 None 256KB / write-back / direct ma External 3.5" 1.44MB (connec External FDD port (works with None (CD-ROM drive as opti	apped / 8ns .cts to left sid	/ synchronous pipelined burst e) / includes case with a cable xternal diskette; no kit reqd)		New features of 560X (compared to 560E): 200 or 233MHz Pentium (vs 150 or 166) 32MB memory standard (vs 16MB) 96MB maximum memory (vs 80MB) CardBus and Zoomed Video PC Cards One USB port (vs none)
Price Type - model (code) Processor Preload (see side) Avail / withdrawn date Disk - size / ms Disk controller	2640-60U Pentium MMX 200/66MHz Windows 95 OSR2.1 + IE 4. March 1998 / September 199 2.1GB ⁴ / 14ms / SMART EIDE / busmaster / PCI 2.1 /	98	2640-70U Pentium MMX 233/66MHz Windows 95 OSR2 November 1997 / September 1 4.0GB / 13ms / SMART /33 or PIO Mode 4 / supports 1	1998	 Supports Enhanced Port Replicator 430TX (vs 430MX) MagicGraph128XD (vs CYBER9382) 256K simultaneous colors (vs 64K) 56 watt AC Adapter (vs 35 watt) ConfigSafe and LANDesk preloaded
Display - size and type Display - techology	12.1" HPA SVGA color (dua 640x480 or 800x600 262,144 simultaneous colors 30 to 1 contrast / 150ms / 70	al scan)	12.1" TFT SVGA color (active 640x480 or 800x600 262,144 simultaneous colors 100 to 1 contrast ratio		WINDOWS 95 PRELOAD16 - Microsoft® Windows® 95 OSR2 (FAT16) • Online User's Guide
Graphics - controller	2MB / iDRAM™ (embedded) Interpolation in X and Y axis / Simultaneous LCD and CRT	/ PCI 2.1 / 2 / color space / 135 degre	e conversion		 ThinkPad Features Program SystemSoft CardWorks™ Diskette Factory and Utilities Puma TranXit™ IBM Anti-Virus
Memory - std / max Memory - features Memory - upgrade	32MB std / 96MB max 60ns / non-parity / 3.3 volt / B 1 socket for one JEDEC 144		O-DIMM of 8, 16, 32, 64MB		 IBM Global Network with Netscape web browser Intelliquest Registration Mailer Artisoft ConfigSafe
Keyboard / # of keys Keyboard slope Pointing device Palm rest	TrackPoint® III / no drag lock	remains fla keys	nctions) t (no sloop) / opt P Replicator ad support (with optional cable 54		Intel® LANDesk® Client Manager PointCast (with ThinkPad channel) Ergonomics Lotus® SmartSuite 97
Dimensions Weight ²	11.7" x 8.7" x 1.22" (124 cubic inches); 297 mm x 222 mm x 31 mm 4.17 pounds (1.89 kg) [4.14 pounds (1.88 kg)				 NetFinity for Windows 95 (license only) Recovery CD-ROM with boot diskette
Battery - type / life ¹⁰ Charge time - on / off	Lithium Ion / intelligent / 3.5 h 2.5 to 3.5 hrs / 1.5 hrs	nours			♦ Windows 95 CD-ROM (no installation)
Architecture Docking Station Port replicator PC Card Std slots Serial / parallel ports USB port Other features	PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB) / ISA (audio, diskette, serial, parallel, infrared) / NS PC97338 (FDC, IR, I/O) Intel 430TX PCIset / PIIX4 (EIDE, USB, PCI to ISA bridge) / TI1250A None ThinkPad 560 Port Replicator / ThinkPad Enhanced Port Replicator 2 Type I or 2 Type II or 1 Type III / CardBus 32-bit PCI / Zoomed Video PCMCIA 2.1 compatible / Texas Instruments® TI1250A controller One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) One USB port Universal AC Adapter; 3 prong (56 watts) with barrel connector / APM-aware BIOS / APM 1.2 / Selectable boot / IBM BIOS			,	Disk is not removable, but it can be upgraded via a dealer or service center (not customer installable). Easy-Setup is entered by holding F1 when turning on. System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.
Video in/out MPEG decoder Data/fax modem Audio support Jacks Infrared ports	None None (software support for MPEG-1 in Windows 95) None 16-bit audio chip / FM synthesis / CS4237B / SRS 3D audio (if use ext speakers) Internal mono speaker / .5 watt / rotary volume control / internal microphone Input jack (3.5 mm) / stereo output jack (3.5 mm) / not full duplex speakers/mic Infrared port (left side) / IrDA 1.1 compatible / up to 4Mbps			hone	The optional ThinkPad 560 Port Replicator acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors: - Release button
Security	· · · · · ·	isk passwo	rd / security keyhole on back /		Security keyholeMouseKeyboard
Limited warranty ¹¹ Service options ¹⁵			oor depot repair service) or carr es) / warranty extension to 3 or		- External monitor - Parallel
cable management, a CardBus PC Card slot - Dual IBM lock slots in PC Cards, and Port I Connectors: - USB - Serial (RS-232, 9 pir - External display, Ke - Audio in and out (3.5)	n), Parallel (25 pin) yboard, Mouse is mm) 15 pin) - not on system ye connector	 ThinkPage ThinkPage ThinkPage 56 watt A 8MB SO 16MB SO 32MB SO 64MB SO 20X-8X F 	sk, 13ms, Ultra DMA/33 02 sk, 13ms, Ultra DMA/33 02 d 560 Port Replicator d 46 d Enhanced Port Replicator d 560 Li-lon Battery Pack (C Adapter (barrel; 3 prong) DIMM 3.3v NP EDO 64-bit 92 D DIMM NP EDO 64-bit 92 D DIMM NP EDO 64-bit 93 D DIMM 3.3v NP EDO 64-bit 94 D DIMM 3.3v NP EDO 64-bit 94 D DIMM 3.3v NP EDO 64-bit 95 D DIMM 3.3v NP EDO 64-bit 96 D DIMM 3.3v NP EDO 64-bit 97 D D D D D D D D D D D D D D D D D D D	3H6739 2G7340 2G7341 1K1124 2G7342 6H0268	- Serial (9 pin) - External diskette drive - Power jack FEATURES Wired for Management 1.1a DMI 2.0 compliant PC 97 compliant Setup Guide, User's Guide, Up and Running Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Personalized nameplate indention International Warranty Service ¹⁴ IBM SystemXtra TM
- Two Type III slots (s - PC Card Standard 9 - CardBus compliant (ide by side) 5 compliant (PCI 2.1 / 32-bit)	PCMCIAPCMCIA56K PC (33.6Kbps modem 25 33.6 modem w/ XJACK 55	5H6420 5H6759 4K0052	24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service

IBM® ThinkPad®					
Processor Processor features L2 cache Diskette drive External FDD port CD-ROM drive	Intel® Mobile Pentium® No processor upgrade / p 512KB / synchronous pig External 3.5" 1.44MB (co External FDD port (works None (CD-ROM drive as	processor on forcessor on forcessor on forces on forces to left of with standar	th a cable	WINDOWS 98 PRELOAD ¹⁶ - Microsoft® Windows® 98 - ThinkPad Utilities - Online User's Guide - ThinkPad Configuration Program	
Display - size and type Display - techology Graphics - controller	2640-90U Windows 98 NT 4. Pentium II 233MHz 4.0GB⁴ / 13ms / SMART Disk can be removed and EIDE / busmaster / PCI 2e September 1998 / 90U a 12.1" TFT SVGA color (640x480 or 800x600 16.7 million simultaneous 100 to 1 contrast ratio NeoMagic™ MagicGrap 2MB / iDRAM™ (embedo Interpolation in X and Y a	d upgraded by 2.1 / supports and 91U without active matrix) as colors sh128XD™ (Nied) / PCI 2.1	Windows 98 NT Pentium II 300MHz 16.4GB / 13ms / SMART y customer / Ultra DMA/3 one internal disk drawn March 1999; othe All models: C: drive is FAT16 D: drive is FAT32 FAT16 (if NT) of r M2160) / 128-bit SVGA a / Zoomed Video support	as or PIO Mode 4 ers on June 1999 of 2GB (if W98) or emaining space	ThinkPad on the Net IBM Update Connector RingCentral Fax Ergonomics IBM Product Registration Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Navigator web browser Lotus® SmartSuite 97 Artisoft ConfigSafe Norton AntiVirus Customization Center CD-ROM Product Recovery CD-ROM (with boot diskette)
Graphics - features Graphics - external Memory - std / max Memory - features Memory - upgrade	Simultaneous LCD and C External SVGA to 1024x 32MB std / 96MB or 160l 60ns / non-parity / 3.3 vo 1 socket for one JEDEC	768 with 65,5 MB* max olt / EDO	36 colors (or 800x600 w 64MB std / 128MB or 1	92MB* max	WINDOWS NT PRELOAD ¹⁶ - Windows NT® Workstation 4.0 - Service Pack 3 • ThinkPad Utilities
Keyboard / # of keys Keyboard slope Pointing device Palm rest Dimensions	Full size alp/num keys / Large palm rest / keybo TrackPoint® / Press-to-S Integrated palm rest / ext 11.7" x 8.7" x 1.22" (124	ard remains fl elect / Releas ernal keyboar	lat (no sloop) / opt P Rep se-to-Select / dragging / rd support (with optional	click pace cable 54G0441)	Online User's Guide Puma IntelliSync 97 (infrared) ConfigSafe Norton AntiVirus (OEM Version) Ergonomics IBM Product Registration
Weight ² with battery Battery - type / life ¹⁰ Charge time - on / off	90U: 4.1 lbs (1.88 kg) Lithium Ion / intelligent / 3 2.5 to 3.5 hrs / 1.5 hrs		.2 lbs (1.92 kg)		SystemSoft CardWizard Customization CD-ROM (apps/driver Product Recovery CD-ROM (with bo)
Docking Station Port replicator PC Card Std slots Serial / parallel ports	Intel 440BX PCIset / Intel 82371EB PIIX4E (EIDE, ISA Bridge, USB) / PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB) / TI PCI1250A ISA (audio, diskette, serial, parallel, infrared) / NS PC97338 (FDC, IR, I/O) None Port Replicator with Advanced EtherJet / ThinkPad 560 Port Replicator 2 Type II or 1 Type III / CardBus 32-bit PCI / Zoomed Video PCMCIA 2.1 compatible / Texas Instruments® TI1250A controller One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)				diskette) Easy-Setup is entered by holding F1 when turning on. System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.
Video in/out MPEG decoder Data/fax modem Audio support Jacks	One USB port Universal AC Adapter; 3 prong (56 watts) with barrel connector / APM-aware BIOS / APM 1.2 / Selectable boot / IBM BIOS None None (software support for MPEG-1 in Windows 98) 56Kbps ²³ PC Card modem / x2 / cellular capable / XJACK / IBM pn 02K4196 16-bit audio chip / FM synthesis / CS4237B / SRS 3D audio (if use ext speakers) Internal mono speaker / .5 watt / keyboard volume control / internal microphone Input jack (3.5 mm) / stereo output jack (3.5 mm) / full duplex speakers/mic				The optional ThinkPad 560 Port Replicator acts as a wedge which attaches to the back and bottom of the unit and provides a keyboard slope. Following are its connectors: - Release button - Security keyhole - Mouse
Infrared ports Security	Power-on password / ha personalization screen a	rd disk passw	<u> </u>		- Keyboard - External monitor - Parallel
Limited warranty ¹¹ Service options ¹⁵	1 year - carry-in or Think On-site ³² , M-F, 8-5, next				- Serial (9 pin) - External diskette drive - Power jack
EtherJet Feature. F - 10/100 ethernet (Inte - Dual IBM lock slots: PC Cards, and Port Connectors: - USB, serial (RS-232 external display, key - Audio in and out (3.5)	el 82558, Wake on LAN™) to secure the ThinkPad, Replicator 2, 9 pin), parallel (25 pin), board, mouse 5 mm) 15 pin) - not on system ve connector ard slots: side by side) 5 compliant (PCI 2.1 / 32-bit)	- ThinkPad - Port Repli - ThinkPad - 56 watt AC - 16MB SO - 32MB SO - 64MB SO - 20X-8X PC - 20X-8X PC - 56K PC C - V.90 PC C - ThinkPad	OPTIONS k, 13ms, Ultra DMA/33 560 Port Replicator cator w/ Advanced Ethe 560 Li-lon Battery Pack C Adapter (barrel; 3 pron DIMM 3.3v NP EDO 64 DIMM 3.3v NP EDO 64 DIMM 3.3v NP EDO 64 ortable CD-ROM ortable Stereo CD-ROM ard Modem/Cellular Capa Card Modem with XJACt Proven™ solutions¹² (vi ww.ibm.com/pc/us/think	46H4206 Ig) 83H6739 -bit 01K1124 -bit 92G7342 -bit 76H0268 1969010 1969011 able 02K4196 (2 ²⁴ 10L7393 sit	FEATURES Wired for Management 1.1a compliant DMI 2.0 compliant PC 97 compliant ACPI ready (APM enabled) Setup Guide, User's Guide, Windows 98 or NT Manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Personalized nameplate indention International Warranty Service14 IBM SystemXtra® 35 24 hour / 7 day telephone30, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

IBM® ThinkPad®		WINDOWS 98 PRELOAD ¹⁶
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM	Intel® Mobile Pentium® II 300PE, 333MHz, or 366MHz¹ / 66MHz system bus No upgrade / processor in Ball Grid Array (BGA) / North and South Bridge cores 256KB / onboard (full speed) / sync pipelined burst / write-back / ECC External 3.5" 1.44MB / use externally with std cable or in UltraBase Option: CD-ROM / 24X-10X⁵ speed / bootable / removable from UltraBase Option: DVD-ROM / bootable / removable from UltraBase	Microsoft® Windows® 98 ThinkPad Utilities ThinkPad Configuration Program ThinkPad on the Net IBM Update Connector Online User's Guide
Type - model Processor Display (diagonal) Preload (see side) Disk (removable)	\$\times 2644-2AU PII 300PE 12.1" TFT Windows 98 4.0GB4 / 13/14ms \$\times 2644-1AU PII 333MHz 13.3" TFT NT 4.0 \$\times 2644-1BU PII 333MHz 13.3" TFT Windows 98 6.4GB / 13/14ms \$\times 2644-3AU PII 366MHz 13.3" TFT Windows 98 6.4GB / 13/3" TFT Windows 98 6.4GB / 13/14ms \$\times 2644-3BU PII 366MHz 13.3" TFT Windows 98 6.4GB / 13/14ms	Ergonomics Intelliquest Registration RingCentral Puma Intellisync 97 (on CD) IBM Global Network Dialer Netscape Communicator
Avail / withdr date Memory (std / max)	April 1999 / 2AU withdrawn Dec 99; 1AU, 1BU on Mar 2000; 3AU, 3BU on July 00 64MB std / 192MB max SDRAM / non-parity / 66MHz / 3.3v / sockets accessed by removing screw on base One 144-pin socket / 64MB on planar / 1 socket available	ConfigŚafe® Norton AntiVirus™ (OEM Version) PC-Doctor Universal Management Agent (on CD)
Display Display - features	12.1" (307.3mm) TFT color / Active Mat 13.3" (337.8mm) TFT color / Active Mat SVGA / 800x600 / 100 to 1 contrast ratio XGA / 1024x768 / 150 to 1 contrast ratio 16.7 million simultaneous colors / 30ms refresh rate / 150 degree tilt / 125 nits (AC), 70 nits (battery)	Norton Mobile Essentials Lotus® SmartSuite® Millennium²0 Access ThinkPad Software Selections CD-ROM Access CD-ROM (Mindsus 00)
•	NeoMagic™ MagicMedia256AV™ (NM2200) / Accelerated Graphics Port 2.5MB / SGRAM (embedded) / 128-bit engine, 256-bit memory interface AGP 1X / no sideband signaling / motion compensation / DDC2B / simultaneous LCD and CRT²6 / multiple-monitor support²6 for Windows 98	 Recovery CD-ROM (Windows 98) Recovery CD-ROM (Windows 95) WINDOWS NT PRELOAD Microsoft Windows NT® 4.0
Disk Disk controller	Left front / removable via coin screw or 2.5mm Allen wrench / SMART ²⁹ / upgradeable Enhanced IDE / busmaster / PCI 2.1 / South Bridge / PIIX4E DMA Mode 2, Ultra DMA/33, or PIO Mode 4 / supports 2nd disk in opt UltraBase	Service Pack 4a ThinkPad Utilities ThinkPad Configuration Program IBM Update Connector
Keyboard / Fn keys Keyboard slope Pointing device	Full size 85-key keyboard / 10 Fn key functions / integrated palm rest Flat keyboard (does not lift up) / optional Port Replicator adds slope TrackPoint® / Press-to-Select / Release-to-Select / dragging / click pace / center click button for scrolling or magnifying glass / suspension top / spare caps	Online User's Guide Ergonomics Intelliquest Registration RingCentral (on CD)
Dimensions ³⁶ Weight ² Weight w/ UltraBase Case material	2AU: 11.8 x 9.4 x 1.0" Others: 11.8 x 9.4 x 1.1" (122 cubic inches) 2AU: 3.9 lbs (1.78 kg) with battery Others: 4.0 lbs (1.83 kg) with battery with CD-ROM and diskette drives: 2AU: 6.8 lbs (3.07 kg) Others: 6.9 lbs (3.12 kg) Top: carbon-fiber reinforced plastic; Bottom: glass-fiber reinforced plastic	Puma Intellisync 97 (on CD) IBM Global Network Dialer (on CD) Netscape Communicator (on CD) ConfigSafe Norton AntiVirus (OEM Version)
	Lithium Ion / intelligent / remove from base / locked with latch 1xx: 3.3 hrs; 2xx: 3.5 hrs; 3xx: 3.0 hrs / supports 2nd battery in UltraBase 3 to 4 hrs / 2.5 to 3 hrs / no non-disruptive battery exchange	 PC-Doctor Universal Management Agent (on CD) Access ThinkPad (on CD)
Architecture Port replicator (opt)	Intel 440BX AGPset / Intel 82371EB PIIX4E (EIDE, ISA Bridge, USB) / TI® PCI1450 for CardBus / AGP for graphics / ADM1021 digital thermometer / PCI 2.1 / 32-bit / 33MHz (EIDE, CardBus, modem, audio, USB, ext expansion) / PC97338 Super I/O / ISA (diskette, serial, parallel, infrared, ext expansion) UltraBase / the following are supported by attachment to UltraBase or Direct Dock	SystemSoft CardWizard (on CD) Software Selections CD-ROM Recovery CD-ROM (Windows NT) Lotus SmartSuite Millennium ²⁰ CD
Docking Station PC Card Std slots USB / serial / paralle Other features	Adapter: ThinkPad Port Repl with Advanced EtherJet and Port Replicator None (UltraBase has two bays) 2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video IOne USB / one 9 pin serial; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) Ultraslim 56 watt AC Adapter, barrel, 3 prong / IBM BIOS Setup Utility (hit F1 at boot)	optional DVD drive (hot or warm swap)
Video (TV) out MPEG-2/DVD Data/fax modem Audio support	None Software supported DVD movie playback (via UltraBase and UltraslimBay DVD) 56K ³⁷ / V.90 / 14.4K fax / RJ-11 port / voice-capable / integrated Lucent [®] 1646 / international programmable DAA / Mini PCI Type IIIb CS4280 / PCI / FM synthesis / 16-bit playback and record / CS4297 (AC97) /	optional LS-120 SuperDisk drive (cold swap only) optional Zip 100MB drive (cold swap) optional HDD adapter; for second disk (cold swap only)
Jacks (3.5mm) Infrared ports	full duplex / int speaker (bottom) / .5 watt / Fn+PgUp and PgDn (volume) / int mic Microphone jack (stereo) / headphone jack (stereo) / line-in jack (stereo) Infrared port (on right) / IrDA 1.1 compatible / up to 4Mbps	 optional ThinkPad Proven™ solutions¹² UltraBase right bay supports: standard diskette drive (hot swap) battery (uses standard 570 battery)
Limited warranty ¹¹	Power-on password / hard disk password / supervisor passwrd / security keyhole / Phillips-head screw on base for memory / optional Allen screw for disk 3 year - carry-in or ThinkPad EasyServ ^{TM31} Rapid Depot Repair (3 business day average turnaround)	Other features
Service options ¹⁵ - 32MB SO DIMM 3	On-site ³² , M-F, 8-5, next bus day (72 cities) / serv up to 5 yrs from purchase date 3.3v NP SDRAM 76H0294 - 6.0GB disk, 12ms, ATA-66 05K9199	PC 98 and DMI 2.0 compliant DMI instrumentation (thermal monitoring)
- 64MB SO DIMM 3 - 128MB SO DIMM 3 Color depth LCD Resolution TFT 640x480 16M 800x600 16M 1024x768* 16M 1280x1024** 256 * Virtual screen m ** Virtual screen m All models:	3.3v NP SDRAM 01K1150 - 10.0GB disk, 12ms, Ultra DMA/33 36L9293 External Monitor - 12.0GB disk, 12ms, ATA-66 05K9200 60Hz 70Hz 75Hz 85Hz - 16M 16M - 16M 270 UltraBase 05K5840 16M - Port Replicator -	Setup Guide, User's Reference, Quick Reference and Service Info Card, Options catalog, Windows manual
- C: drive is FAT16	of 2GB - 6X-2X ⁵ DVD Drive (UltraslimBay) 05K9169 - Zip 100MB Drive 570/600(UltraslimBay) 37L1507	24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

IBM® ThinkPad®					WINDOWS 98 PRELOAD16
Processor Processor features L2 cache Diskette drive CD-ROM DVD-ROM	Intel® Mobile Pentium No upgrade / process 256KB / onboard (at External 3.5" 1.44MB / Option: CD-ROM / 2 Option: 6X-2X ⁵ DVD-	sor in Ball Grid Arra processor speed) use externally with 4X-10X ⁵ speed / bo	l South Bridge cores st / write-back / ECC 3ase rom UltraBase	- Microsoft® Windows® 98 Second Ed	
Type - model Processor Preload (see side) Disk (removable) Avail / withdrawn date	Pentium III 450 Windows 98 SE				RingCentral Fax ConfigSafe® Norton AntiVirus™ (OEM Version) PC-Doctor Universal Mgmt Services (web) Norton Mobile Essentials
Memory (std / max)	64MB std / 320MB m SDRAM / non-parity / One 144-pin socket /	100MHz / 3.3v / so	ckets accessed by re 1 socket available	emoving screw on bas	V Software Selections CD-110W
Display Display - features	13.3" (337.8mm) TFT XGA / 1024x768 / 150 16.7 million simultane 125 nits (AC), 70 nits	color / Active Matr to 1 contrast ratio ous colors / 30ms r	rix	gree tilt /	
	NeoMagic™ MagicM 2.5MB / SGRAM (eml AGP 1X / no sideband simultaneous LCD an	edia256AV™ (NM2 bedded) / 128-bit ei d signaling / motior	ngine, 256-bit memo n compensation / D	ry interface DC2B /	WINDOWS 2000 PRELOAD ¹⁶ Windows 2000® Professional ThinkPad Utilities Online User's Guide
Disk Disk controller	Left front / removable s Enhanced IDE / busm DMA Mode 2, Ultra D	via coin screw or 2.5 aster / PCI 2.1 / So	5mm Allen wrench / South Bridge / PIIX4M	MART ²⁹ / upgradeable /	PC-Doctor RingCentral Fax
Keyboard / Fn keys Keyboard slope Pointing device	Full size 85-key keybor Flat keyboard (does n TrackPoint® / Press-t center click button for	ot lift up) / optional o-Select / Release-	Port Replicator adds to-Select / dragging	s slope / click pace /	Netscape Communicator Universal Mgmt Services (web) ConfigSafe IBM Update Connector Netscape Communicator
Dimensions ³⁶ Weight ² Weight Case material	11.8 x 9.4 x 1.1" (122 3.97 lbs (1.80 kg) with with optional UltraBas <i>Top:</i> carbon-fiber rein	n battery e CD-ROM and dis			Norton AntiVirus (OEM version) Software Selections CD-ROM Lotus SmartSuite Millennium CD Recovery CD-ROM (Windows 2000) Recovery CD-ROM (Windows NT)40
	Lithium Ion / intelligen 3.0 hrs / supports 2nd 3 to 4 hrs / 2.5 to 3 hr	battery in UltraBases / no non-disruptive	e e battery exchange		Trecovery OD-HOW (Williams NT)
	Intel 440BX AGPset TI® PCI1450 for Card PCI 2.1 / 32-bit / 33M PC97338 Super I/O / UltraBase / the follow Adapter: ThinkPad Po None (UltraBase has 2 Type I, 2 Type II, or One USB / one 9 pin s	Bus / AGP for grap Hz (EIDE, CardBustISA (diskette, seria ing are supported by rt Repl with Advanct two bays) 1 Type III / CardBu erial; 16550A / one	whics / ADM1021 dig s, modem, audio, Us l, parallel, infrared, e y attachment to Ultra ed EtherJet and Port as 32-bit / PCMCIA 2 (IEEE P1284-A, EPF	ital thermometer / SB, ext expansion) / xt expansion) Base or Direct Dock Replicator .1 / Zoomed Video P, ECP, bidirectional)	ULTRABASE OPTION Left bay of UltraBase supports most UltraslimBay options: • optional CD-ROM (hot or warm swap) • optional DVD drive (hot or warm swap) • optional LS-120 SuperDisk drive (cold
Other features Video (TV) out MPEG-2/DVD Data/fax modem Audio support Jacks (3.5mm) Infrared ports	Vitraslim 56 watt AC A None Software supported D 56K ²² / V.90 / 14.4K fa international program CS4280 / PCI / FM syr full duplex / int speake Microphone jack (stere Infrared port (on right)	VD movie playback ax / RJ-11 port / voi mable DAA / Mini P nthesis / 16-bit playl er (bottom) / .5 watt eo) / headphone jac	(via UltraBase and ice-capable / integra CI Type IIIb back and record / CS / Fn+PgUp and PgCk (stereo) / line-in jac	UltraslimBay DVD) ted Lucent® 1646 / 4297 (AC97) / On (volume) / int mic	swap only) • optional Zip 100MB drive (cold swap) • optional HDD adapter; for second disk (cold swap only) • optional ThinkPad Proven™ solutions¹² UltraBase right bay supports: • standard diskette drive (hot swap) • battery (uses standard 570 battery) Other features
Security	Power-on password / Phillips-head screw or				stereo speakers (0.5 watts) security keyhole, UltraBase lock
Limited warranty ¹¹ Service options ¹⁵	3 year - carry-in or Thaverage turnaround) On-site ³² , M-F, 8-5, ne	•		`	MIDI/joystick port, line out, USB port PC 98 and DMI 2.0 compliant
1	s, ATA-66 05Ks Base only) 37L2 External Monitor 60Hz 70Hz 75Hz 85 16M 16M 16 16M 16M 16 16M 16M 16M 16 256 cde on 13.3" TFT screes: 50f 2GB of remaining space	9200 - 64MB SC 993 - 128MB S - 128MB S - 128MB S - ThinkPac - Direct Do - Port Rep M - Ultraslim - SuperDis - 24X-10X - 6X-2X ⁵ D - Zip 100M - ThinkPac - ThinkPac - ThinkPac	d 570 UltraBase ock Adapter (from Colicator licator w/ Advanced 56 watt AC Adapter Bay HDD adapter (fo kk LS-120 (Ultraslimb of CD-ROM (Ultraslimb VD Drive (Ultraslimb	SDRAM 20L0254 P SDRAM 20L0255 SDRAM 33L3069 05K5840 00M4650 46H4209 EtherJet 05K4872 (3 prong) 02K6545 r 2nd disk) 05K5336 Bay) 05K9122 Bay) 05K9122 05K9169 raslimBay) 37L1507 02K6546	DMI instrumentation ACPI ready (APM enabled) Wired for Management 1.1a compliant Wake on LAN® support28 Setup Guide, User's Reference, Quick Reference and Service Info Card, Options catalog, Windows manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Personalized Web-based support International Warranty Service14 IBM SystemXtra®.35 24 hour / 7 day30 telephone, bulletin board, fax, electronic, and Internet

IBM® ThinkPad®					The right bay (UltraslimBay) has LED on	
Processor type/path Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD¹9 (removable)	Intel® Pentium® MMX™ 2: No upgrade / processor, L 512KB / sync pipelined bu 3.5" 1.44MB / use in Ultraslim External diskette port on ri Standard or option: 5.25" EIDE (ATAPI) / PIO Mode Option: 2X⁵ DVD-ROM dri Option: Removable Ultras	2 cache, and mem cntr rst (66MHz for Pentiun Bay (CD-ROM models ir side (can use simu CD-ROM/24X-10X ⁵ s 4 for W95; DMA Mode ve / removable Ultraslir	lobile Module ed for Pent II) e enclosure) nal CD-ROM) arm swap raslimBay swap	release latch to provide status; supports warm swapping: • std diskette and travel cover • std or optional CD-ROM • optional DVD drive¹9 • opt LS-120 SuperDisk drive (cold swap) • optional Zip 100MB drive (cold swap) • optional HDD adapter (cold swap) • optional ThinkPad Proven™ solutions¹²		
Type - model Processor Display (diagonal) Disk (removable) Preload (see side) CD-ROM Modem Avail / withdr date	> 2645-21U Pent 233/66 13.0" HPA XGA 3.2GB⁴/ PIO4 W95 OSR2.1 CD-ROM std 56Kbps Apr 98/Dec 98 Apr 98/De	666 PII 233/66MHz SVGA 12.1 TFT SVGA 10.4 3.2GB / PIO4 W95 OSR2.1 CD-ROM std 56Kbps	3.2GB / PIO4 4.0 W95 OSR2.1 W9 CD-ROM std CD	266/66MHz 3"TFT XGA IGB / PIO4 95 OSR2.1 0-ROM std Kbps	 ≈ 2645-A1U PII 266/66MHz 13.3"TFT XGA None (AAP) Blank (no disk) None (AAP) - C: drive is FAT16 of 2GB - D: drive is FAT32 of remaining space 	
Memory - std / max Memory - upgrade	32MB / 256MB3 (TX max= SDRAM / non-parity / 66M SDRAM SO-DIMMs / sock	Hz / 3.3v / 2 sockets a	vailable for two JEDI		WINDOWS 95 PRELOAD ¹⁶ - Microsoft® Windows® 95 OSR2.1 • Internet Explorer 4.01	
Display	(See below) SVGA or XGA	color / TFT or HPA / 1	80 degree tilt		Online User's Guide	
Graphics - arch	NeoMagic™ MagicGraph 2MB / iDRAM™ (embedde Support for DirectX 5.0, DI External SVGA to 1024x76	d) / Zoomèd Video súp DC2B, color space con 8 with 65,536 colors (8	port version 00x600 with 16.7 mill	lion colors)	ThinkPad Configuration Program ThinkPad Customization Center Puma IntelliSync 97 (infrared) IBM AntiVirus 3.02 (not installed) ConfigSafe 1.05 (must install)	
Disk controller	Left front / removable via content of the content o	· / PCI 2.1 / South Bridg 3, or PIO Mode 4 / supp	e / PIIX4 oorts 2nd disk in opt l	. 0	IBM Global Network Dialer 4.15.6 with Netscape Navigator web browser Intel LANDesk® Client Manager 3.1	
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num keys / 9 F Flat keyboard (does not lift TrackPoint ®/ Press-to-Se center click button for scro	up) lect / Release-to-Selec	t / dragging / click pad	ce / spare caps	(not installed) PointCast with ThinkPad channel Frgonomics Netfinity 5.1 for Windows 95 (not installed) Tivoli Light Client Framework (not installed)	
Dimensions ³⁶ Weight ²	Approximately 11.8 x 9.4 x 4.72 lb (2.14 kg) to 5.62 lb		; 300mm x 240mm x	36.5mm		
Battery - type Battery - life ¹⁰ Charge time - on / off	Lithium Ion / intelligent / rei 3.0 hrs / no non-disruptive b f 2 to 3 hrs / 1.5 to 2.5 hrs		d with latch		Lotus® SmartSuite 97 ²⁰ Ring Zero RingCentral 4.10 Intel Video Phone 2.0.1	
Architecture Port replicator	Intel 430TX, PIIX4 for Per PCI 2.1 / 32-bit / 33MHz (B TI PCI1250A for CardBus ISA (audio, modem, disket SelectaBase 600 / PC Ca	EIDE, graphics, CardBu / LM75 digital thermom te, serial, parallel, infra	ion) er I/O /	IBM Update Connector IBM Product Registration Customization CD-ROM (apps/drivers) Recovery CD-ROM with boot diskette		
Docking Station PC Card Std slots	SelectaDock III / Selectal 2 Type I, 2 Type II, or 1 Typ I One USB / one 9 pin serial APM-aware BIOS / AC Ada	Dock I and II be III / CardBus 32-bit / 16550A / one (IEEE P	PCMCIA 2.1 / Zoomo 1284-A, EPP, ECP, b	ed Video oidirectional)	System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power.	
Video in/out MPEG decoder Data/fax modem	None None (software support fo Some models: 56Kbps (x2			nice-canable /	ThinkPad 600 supported disks: - 3.2GB 13ms read/14ms write	
Audio support Jacks		3780i DSP / internationa audio / FM synthesis .5 watt / Fn+PgUp and	Í programmable DAA / I PgDn (volume) / int	modem cable	9.5 mm PIO Mode 4 or Ultra DMA/33 - 4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 - 6.4GB 13ms read/14ms write	
Infrared ports	Infrared port (on right) / IrD	Á 1.1 compatible / up t o	o 4Mbps	rity koybolo /	12.5 mm PIO Mode 4 or Ultra DMA/33	
Security	Power-on password / hard personalization / phillips-he	ead screw on base for n	nemory / opt Allen sc	rew for disk	FEATURES PC 97 compliant	
Limited warranty ¹¹ Service options ¹⁵	3 year - carry-in or ThinkPa average turnaround)		, , ,	•	DMI 2.0 compliant DMI instrumentation (thermal monitoring)	
13.0" (330.2 mm) HPA XGA color - 6.4GB disk, 13ms, Ultra DMA/33 02K0518 - HIgh Performance Addressing (Dual Scan) - 640x480 (16 million), 800x600 (16 million), or 1024x768 (65,536 simultaneous colors) - 5electaBase 600 12J2467 - 150ms; 40 to 1 contrast ratio - PC Card Enabler vith Ether Jet™17 83H6741 - PC Card Enabler with Ether Jet™17 05K4820 - SelectaDock I 3547001				ACPI 1.0 compliant Wired for Management 1.1a Wake on LAN™ support² C: is 1.99GB, D: is up to 1.99GB, etc. Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 95 manual		
- Active Matrix TFT - 640x480 (16 millio simultaneous colo - 75ms; 100 to 1 co - 110 nits (AC), 70 l	- Active Matrix TFT - 640x480 (16 million) or 800x600 (16 million simultaneous colors) - 75ms; 100 to 1 contrast ratio - 110 nits (AC), 70 nits (battery) - SelectaDock III ¹⁷ - 56 watt AC Adapter (barrel; 3 prong) - 24X-10X CD-ROM (UltraslimBay; includes external diskette enclosure) - 16MB SO DIMM 3.3v NP SDRAM - 32MB SO DIMM 3.3v NP SDRAM - 32MB SO DIMM 3.3v NP SDRAM - 76H0294				Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra ^{M35} 24 hour / 7 day telephone ³⁰ , bulletin	
	on), 800x600 (16 million), 36 simultaneous colors) ontrast ratio	76H0295 12J2464 05K5336 20L1929 05K8890 37L1504	board, fax, electronic, and Internet (www.ibm.com/pc/us) support			

IBM® ThinkPad®						
Processor type/path Processor features L2 cache Diskette (removable) External FDD port	512KB / sync pipelined burst / I 3.5" 1.44MB / use in UltraslimBa External diskette port on right s 5.25" CD-ROM / 24X-10X ⁵ spe	he, and mem cntr (North Bridge) on Mobile ECC / 150MHz (half speed) y / ships in external diskette enclosure with a ide (can use simultaneously with internal Cl	cable D-ROM)	RingCentral		
DVD ¹⁹ (removable) SuperDisk (LS-120)	Option: 2X5 DVD-ROM drive / re	emovable UltraslimBay option / warm swap ay option / supports 1.44MB and 120MB disk		ErgonomicsIBM Product RegistrationPuma IntelliSync 97 (infrared)		
Type - model Preload (see side) Disk (removable) Avail / withdr date		-85U All models: lows NT 4.0 - C: drive is FAT16 of 2GB ee) / upgradeable - D: drive is FAT32 (if W98 FAT16 (if NT) of remainin	3) or	IBM Global Network Dialer Netscape Navigator web browser IBM Update Connector		
Memory	Two 144-pin sockets / 32MB or	/ SDRAM / non-parity / 66MHz / 3.3v planar and 1 socket used by 32MB SO-DII sessed by removing screw on bottom	MM /	Norton AntiVirus Lotus® SmartSuite Millennium CD-ROM Customization Center CD-ROM		
Display		tive Matrix / XGA / 75ms / 100 to 1 contrast ion colors), 1024x768 (65,536 colors) / 180 degree tilt	ratio/	 Product Recovery CD-ROM (with boot diskette) 		
Graphics - controller Graphics - arch Graphics - features Graphics - external	2MB / iDRAM™ (embedded) / Z Support for DirectX 5.0, DDC2E			WINDOWS NT PRELOAD ¹⁶ - Windows NT® Workstation 4.0 • Online User's Guide • ThinkPad Utilities		
Disk Disk controller	Enhanced IDE / busmaster / PC	erew or 2.5mm Allen wrench / SMART / upgra I 2.1 / South Bridge / PIIX4 PIO Mode 4 / supports 2nd disk inopt HDD a		ThinkPad Configuration ProgramPuma IntelliSync 97 (infrared)ConfigSafe		
Keyboard / Fn keys Keyboard slope Pointing device	Flat keyboard (does not lift up) / TrackPoint® / Press-to-Select	r functions / integrated palm rest optional Port Replicator adds slope / Release-to-Select / dragging / click pace / or magnifying glass / suspension top / spare		IBM Global Network Dialer Netscape Navigator web browser Norton AntiVirus (OEM Version) Ergonomics IBM Product Registration		
Dimensions ³⁶ Weight ²	Appoximately 11.8 x 9.4 x 1.4" (5.01 lbs (2.27 kg) with travel cov	155 cubic inches); 300mm x 240mm x 36.5m rer and battery only	nm	IBM Product Registration SystemSoft CardWizard Lotus SmartSuite Millennium CD-ROM		
Battery - type Battery - life ¹⁰ Charge time - on / off	Lithium Ion / intelligent / remove 3.0 hrs / no non-disruptive batter f 2 to 3 hrs / 1.5 to 2.5 hrs		 Customization CD-ROM (apps/driver Product Recovery CD-ROM (with boodiskette) 			
Port replicator Docking Station PC Card Std slots USB / serial / paralle	Intel 440BX and PIIX4 (EIDE, 1 PCI 2.1 / 32-bit / 33MHz (EIDE, TI PCI1250A for CardBus / LMT ISA (audio, modem, diskette, se SelectaBase 600 / PC Card En SelectaDock III / SelectaDock 2 Type I, 2 Type III, I One USB / one 9 pin serial; 1658	therJet ¹⁷	System does not have non-disruptive battery exchange. Battery can be changed while system is off, in			
Other features Video in/out MPEG decoder Data/fax modem Audio support Jacks Infrared ports Security	APM-aware BIOS / AC Adapter None None (software support for MPI 56K (x2, upgradeable to v.90°) integrated Mwave® 3780i DSP / CS4237B / 16-bit / SRS 3D aud Int stereo speakers (front) / .5 w Input jack (3.5 mm) / Output jack Infrared port (on right) / IrDA 1.1 Power-on password / hard disk	cable phone eyhole /	hibernation, or under AC power. ThinkPad 600 supported disks: -3.2GB 9.5 mm 9.5 mm 9.6 MGB 12.5 mm 13 ms read/14 ms write 12.5 mm 14 ms write 15 ms read/14 ms write 16 ms read/14 ms write 17 ms read/14 ms write 18 ms read/14 ms write 19 ms read/14 ms write 19 ms read/14 ms write 10 ms read/14 ms write			
Limited warranty ¹¹	3 year - carry-in or ThinkPad Ea	crew on base for memory / opt Allen screw for syServ ^{™31} Rapid Depot Repair (3 business		FEATURES		
Service options ¹⁵	average turnaround) On-site ³² , M-F, 8-5, next bus day purchase date	/ (72 cities) / service agreements up to 5 year	ars from	Wired for Management 1.1a PC 97 compliant DMI 2.0 compliant		
- V.90 PC Card Mo - EtherJet PC Card - IBM 10/100 Ether - UltraslimBay HDE - SuperDisk LS-12(- 2X DVD Drive (Ul: The right bay (Ultra latch to provide stat - std diskette and v - std or optional CE - optional DVD driv - optional Zip 1000 - opt LS-120 Supe - opt HDD adapter	dem/Cellular capab dem with XJACK ²⁴ Combo Jet CardBus PC Cd dadapter (for 2nd disk) 05K5336 (UltraslimBay) Jet CardBus PC Cd dadapter (for 2nd disk) 05K5336 (UltraslimBay) Jet CardBus PC Cd 05K8890 SlimBay) has LED on release stus; supports warm swapping: veight-saver bezel 0-ROM	- 10GB disk, 12ms, Ultra DMA/33 - SelectaBase 600 - PC Card Enabler 17 - PC Card Enabler with Ether Jet 1117 - SelectaDock I - SelectaDock II - SelectaDock III 17 - 56 watt AC Adapter (barrel; 3 prong) - 24X-10X CD-ROM (UltraslimBay; includes external diskette enclosure) - 16MB SO DIMM 3.3v NP SDRAM - 32MB SO DIMM 3.3v NP SDRAM - 64MB SO DIMM 3.3v NP SDRAM - 64MB SO DIMM 3.3v NP SDRAM - 128MB SO DIMM 3.3v NP SDRAM - 118MB SO DIMM 3.3v NP SDRAM	6H0294	DMI instrumentation (thermal monitoring) ACPI ready (APM enabled) Wake on LAN® support ²⁸ C: is 1.99GB, D: is up to 1.99GB, etc. Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 or NT manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴		

IBM® ThinkPad®						
Processor Processor features L2 cache Diskette (removable) External FDD port	 512KB / sync pipelined burst / ECC / 150MHz (half speed) le) 3.5" 1.44MB / use in UltraslimBay™ / ships in external diskette enclosure with a cable External diskette port on right side (can use simultaneously with internal DVD) le) Option: CD-ROM / 24X-10X⁵ speed / bootable / warm swap EIDE (ATAPI) / PIO Mode 4 for W95; DMA Mode 2 for NT / use in UltraslimBay Std or option: 2X⁵ DVD-ROM / removable from UltraslimBay / warm swap Option: Removable UltraslimBay option / supports 1 44MB and 120MB diskette Microsoft® Windows® 98 ThinkPad Utilities Online User's Guide ThinkPad Configuration Progeromomics IBM Registration RingCentral Fax 					
Type - model Preload (see side) Disk (removable) DVD-ROM drive Avail / withdr date	2645-55U Windows 98 6.4GB ⁴ /13/14ms DVD-ROM Nov 1998 / Mar 1999	2645-A5U (AAP) Blank (no disk) None None Nov 1998 / Mar 1999 All models: - C: drive is FAT16 of space	2GB	 Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Navigator web browser ThinkPad on the Net (TCC CD) ConfigSafe Norton AntiVirus (OEM Version) 		
Memory	Two 144-pin sockets / 32N	32MB std / 288MB max Hz / 3.3v / sockets accessed by removing scr lB on planar / 1 or 2 sockets available / et used by 32MB SO-DIMM	rew on base	 Mediamatics DVD Express IBM Update Connector Lotus SmartSuite Millennium CD-ROM Customization Center CD-ROM 		
Display		r / Active Matrix / XGA / 75ms / 100 to 1 contra 4x768 (up to 16.7 million colors) rry) / 180 degree tilt	ast ratio/	Recovery CD-ROM (with boot diskette)		
Graphics - controller Graphics - features	2.5MB/SGRAM (embedd Motion compensation / c	256AV™ (NM2200) / Accelerated Graphics F ed) / 128-bit engine, 256-bit memory interface of space conversion / interpolation in X and	e / AGP-1x			
Graphics - external Disk Disk controller	External SVGA to 1024x76 Left front / removable via co Enhanced IDE / busmaster	or Windows 98 / DDC2B / Direct3D 8x16.7 million colors at 85Hz and 1280x1024x oin screw or 2.5mm Allen wrench / SMART / up / PCI 2.1 / South Bridge / PIIX4E	pgradeable	The right bay (UltraslimBay) has LED on release latch to provide status; supports warm swapping:		
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num keys/ 10 Flat keyboard (does not lift TrackPoint ® / Press-to-Se	3, or PIO Mode 4 / supports 2nd disk in opt HD Fn key functions / integrated palm rest up) / optional Port Replicator adds slope ect / Release-to-Select / dragging / click pace ling or magnifying glass / suspension top / spa	/	std diskette and travel cover std or optional CD-ROM optional DVD drive ¹⁹ optional UltraslimBay battery (cold swap only; 600E only) optional LS-120 SuperDisk drive (cold swap only) optional Zip 100MB drive (cold swap)		
Dimensions36 Weight ²		1.4" (155 cubic inches); 300mm x 240mm x 36				
Battery - type Battery - life ¹⁰ Charge time - on / of		nove from base / locked with latch pattery exchange / supports 2nd battery in Ultras	slimBay	 optional HDD adapter; for second disk (cold swap only) optional ThinkPad Proven™ solutions¹² 		
Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	TI® PCI1251 for CardBus / PCI 2.1 / 32-bit / 33MHz (E PC97338 Super I/O / ISA (SelectaBase 600 / PC Ca SelectaDock III / SelectaI 2 Type II, or 1 Typ I One USB / one 9 pin serial;	I 82371EB PIIX4E (EIDE, ISA Bridge, USB) / AGP for graphics / LM75 digital thermometer iIDE, CardBus, audio, USB, ext expansion) audio, modem, diskette, serial, parallel, infrarer d Enabler 17 / PC Card Enabler with Advanced lock I and II el III / CardBus 32-bit / PCMCIA 2.1 / Zoomed 16550A / one (IEEE P1284-A, EPP, ECP, bid lipter barrel, 3 prong (56 watts) / Selectable bot	d, ext exp) d EtherJet ¹⁷ l Video directional)	System does not have non-disruptive battery exchange. Battery can be changed while system is off, in hibernation, or under AC power. ThinkPad 600 supported disks: - 3.2GB 13ms read/14ms write 9.5 mm PIO Mode 4 or Ultra DMA/33		
Video out MPEG decoder Data/fax modem	Video out (composite) / cat None (W98 support for MP 56K / v.90 ²² / 14.4Kbps fax integrated Mwave® 3780i D	ble ships standard with RCA jack / Chrontel CHEG-2 because 300MHz with motion compens / telephony / voice-capable / SP / international programmable DAA / model dio / FM synthesis / 16-bit playback and record	H7004 sation) em cable	-4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 -5.1GB 12ms read/13ms write 12.5 mm PIO Mode 4 or Ultra DMA/33		
Jacks	CS4610: PCI / decodes AC Int stereo speakers (front) / Input jack (3.5 mm) / Output	3 into stereo / MPEG-2 audio decoding / accel .5 watt / Fn+PgUp and PgDn (volume) / int mi : jack (3.5 mm) / full duplex	of DirectX	- 6.4GB 13ms read/14ms write PIO Mode 4 or Ultra DMA/33		
Infrared ports Security	Power-on password / hard	A 1.1 compatible / up to 4Mbps disk password / supervisor password / security		FEATURES PC 97 compliant		
Limited warranty ¹¹	3 year - carry-in or ThinkPa	ead screw on base for memory / opt Allen screw ad EasyServ™31 Rapid Depot Repair (3 busine:		DMI 2.0 compliant DMI instrumentation (thermal monitoring) ACPI ready (APM enabled)		
Service options ¹⁵		s day (72 cities) / serv up to 5 yrs from purcha		Wired for Management 1.1a Wake on LAN™ support ²⁸		
- V.90 PC Card Mo - 10/100 EtherJet C modem - IBM 10/100 Ether - UltraslimBay HDD - SuperDisk LS-120 - 2X DVD Drive (Ult - Zip 100MB Ultrasli - UltraslimBay Batte - ThinkPad 600 Li-Ic - External Battery C - ThinkPad Proven	dem/Cellular capab dem / Cellular capab dem with XJACK ²⁴ 10L7: CardBus with 56K 08L3 Jet CardBus PC Cd 08L3 daapter (for 2nd disk) 05K5 (UltraslimBay) 05K8 craslimBay) 05K8 craslimBay 05K8 craslimBay 02K6 cra	147 - SelectaDock I 336 - SelectaDock II 229 - SelectaDock III ¹⁷ 504 - 56 watt AC Adapter (barrel; 3 prong) 504 - 24X-10X CD-ROM (UltraslimBay; includes external diskette enclosure 464 - 32MB SO DIMM 3.3v NP SDRAM	02K0518 36L9293 12J2467 83H6741 05K4820 3547001 3547002 3547003 83H6739 12J2471 e) 76H0294 20L0241 01K1150	Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra ^{TM35} 24 hour / 7 day telephone ³⁰ , bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support		
www.ibini.com/pc/	us/thinkpad/proven)					

IBM® ThinkPad®						
Processor Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD (removable)	256KB / onboard (3.5" 1.44MB / use in External diskette po	windows 98 PRELOAD ¹⁶ - Microsoft® Windows® 98 - ThinkPad Utilities - Online User's Guide - ThinkPad Configuration Program - Ergonomics - IBM Registration				
Type - model Processor Preload (see side) CD or DVD-ROM Disk (removable)	2645-3AU PII 300PEMHz Windows 98 CD-ROM 4.0GB ⁴ /13/14ms PIO4 or Ultra DMA	12.5 mm / PIO N		2645-5AU PII 366MHz Windows 98 DVD-ROM	2645-AAU PII 366MHz Blank (no disk) Optional None N/A	RingCentral Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Communicator Lotus SmartSuite Millennium ²⁰ Universal Management Agent ThinkPad on the Not
Avail / withdraw date					Mar 99 / Feb 00	ThinkPad on the Net ConfigSafe®
Memory (std / max)	32MB / 288MB SDRAM / non-parit Two 144-pin socke for 64MB model, or	ts / 32MB on plar	/ sockets acces nar / 1 or 2 sock	sed by removin ets available /	32MB / 288MB g screw on base	Norton AntiVirus (OFM Version)
Display	13.3 " (337.8mm) TI 640x480, 800x600 150 nits (AC), 90 nit	or 1024x768 (up	to 16.7 million c		ontrast ratio/	 ♦ Software Selections CD-ROM ♦ Recovery CD-ROM (Windows 98) ♦ Recovery CD-ROM (Windows 95)⁷
Graphics - controller						WINDOWS NT PRELOAD ¹⁶
Graphics - features	2.5MB / SGRAM (e Motion compensa Multiple-monitor su	tion / color space	e conversion / in	terpolation in λ	(and Y axis	- Microsoft Windows NT® 4.0 - Service Pack 4a
Graphics - external	External SVGA to	1024x768x16.7 m	nillion colors at 8	35Hz and 1280:	x1024x256 colors	
Disk Disk controller	Left front / removabl Enhanced IDE / bus DMA Mode 2, Ultra	smaster / PCI 2.1	/ South Bridge /	PIIX4E		ThinkPad Configuration Program Ergonomics IBM Registration
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num ke Flat keyboard (does TrackPoint ® / Pres center click button f	s not lift up) / optio s-to-Select / Rele	nal Port Replica ase-to-Select / c	tor adds slope dragging / click		Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Communicator Lotus SmartSuite Millennium ²⁰
Dimensions ³⁶ Weight ²	Approximately 11.8 4.99 lbs (2.26 kg) w		n x 36.5mm	Universal Management Agent ConfigSafe		
Battery - type Battery - life ¹⁰ Charge time - on / of	Lithium Ion / intelligent / remove from base / locked with latch 3.0 hrs / no non-disruptive battery exchange / supports 2nd battery in UltraslimBay f 2 to 3 hrs / 1.5 to 2.5 hrs					Norton AntiVirus (OEM Version) IBM Update Connector Access ThinkPad SystemSoft CardWizard
Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	on SelectaDock III ¹⁷ / SelectaDock I and II slots 2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video parallel One USB / one 9 pin serial; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)					 ♦ Software Selections CD-ROM ♦ Recovery CD-ROM (Windows NT) The right bay (UltraslimBay) has LED or release latch to provide status; supports warm swapping: • std diskette and travel cover • std or optional CD-ROM • std or optional DVD drive¹⁹
Video (TV) out MPEG decoder Data/fax modem Audio support Jacks Infrared ports	5AU: Video out (cor None (W98 suppor 56K ²² / V.90 / 14.4I integrated Mwave® CS4239: ISA / SRS CS4610: PCI / decc Int stereo speakers Input jack (3.5 mm) Infrared port (on rig	mposite) / cable sit for MPEG-2 be Kbps fax / telepho 3780i DSP / interros 3D audio / FM syodes AC3 into ster (front) / .5 watt / F / Output jack (3.5	hips standard with the cause 300MHz ony / voice-capa national program ynthesis / 16-bit reo / MPEG-2 aufn+PgUp and Pgmm) / full duplex	ith RCA jack / C with motion coulde / nmable DAA / r playback and redio decoding / a gDn (volume) / i	chrontel CH7004 ompensation) nodem cable ecord accel of DirectX	optional UltraslimBay battery (cold swap only; 600E only) optional LS-120 SuperDisk drive (cold swap only) optional Zip 100MB drive (cold swap) optional HDD adapter; for second disk (cold swap only) optional ThinkPad Proven™ solutions¹²
Security	Power-on password personalization / ph	d / hard disk pass	word / superviso	or password / se	ecurity keyhole /	PC 97 compliant DMI 2.0 compliant
Limited warranty ¹¹	3 year - carry-in or	ThinkPad EasySe				DMI instrumentation (thermal monitoring) ACPI ready (APM enabled)
Service options ¹⁵	average turnaround) On-site ³² , M-F, 8-5,	next bus day (72				Wired for Management 1.1a Wake on LAN® support²8
- ThinkPad 600 Li-I - 10/100 EtherJet 0 modem - IBM 10/100 Ether		- 100 08L3167 - Sel d 08L3147 - PC		Jltra DMA/33	02K0518 36L9293 12J2467 05K4820 3547003	Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 manual Plug and Play 1.0a
Color depth LCD	External Monit	tor - Ultr	aslim 56 watt A		ong) 02K6545	Standby, suspend, safe suspend, and
Resolution TFT 640x480 16M 800x600 16M 1024x768 16M 1280x1024	60Hz 70Hz 75Hz 16M 16M 16M 16M 16M 16M 16M 256 64K	85Hz ir 16M 32M 16M - 64M 64K - 128 64K - Ultr	K-10X ⁵ CD-ROM ncludes externa MB SO DIMM 3.3 MB SO DIMM 3.3 BMB SO DIMM 3 raslimBay HDD 3	I diskette enclo 3v NP SDRAM 3v NP SDRAM 3.3v NP SDRAM adapter (for 2nd	76H0294 20L0241 01K1150 d disk) 05K5336	hibernation modes ENERGY STAR compliant Asset ID TM wireless RF technology (available only as an AAP option on the 600E model AAU; Atmel® AT24RF08 EEPROM))
All models: - C: drive is FAT16 - D: drive is FAT32 of remaining space	(if W98) or FAT16 (if	- 2X ⁵ - 6X- - Zip	perDisk LS-120 (DVD Drive (Ult 2X ⁵ DVD Drive 100MB Ultraslir aslimBay Batte	raslimBay) (UltraslimBay) nBay Drive(570	20L1929 05K8890 05K9169 0/600) 37L1507 02K6504	International Warranty Service ¹⁴ IBM SystemXtra®, 35 24 hour / 7 day³0 telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

IBM [®] ThinkPad [®]				
Processor Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD (removable)	Intel® Mobile Pentium® II 400Mi No upgrade / processor, L2 cache 256KB / onboard (full speed) / sy 3.5" 1.44MB / use in UltraslimBay ¹⁷ External diskette port on right sid Std or option: CD-ROM / 24X-10X Std or option: DVD-ROM / bootats	e, and mem cntr (North Bridge rnc pipelined burst / write-baci / ships in external diskette end e (can use simultaneously wit 5 speed / bootable / removable le / removable from Ultraslim	k / ECC closure with a cable h internal CD/DVD) e from UltraslimBay nBay	 ThinkPad Utilities Online User's Guide ThinkPad Configuration Program Ergonomics IBM Registration
Type - model Processor Preload (see side) CD or DVD-ROM Disk (removable) Avail / withdrawn date	2645-4BU Pentium II 400MHz Windows 98 CD-ROM DVD 10.0GB ⁴ / 12ms seek time / PIO4 June 1999 / January 2001	00MHz Pentium II 400MHz F Windows NT E CD-ROM	2645-BAU (AAP) Pentium II 400MHz Blank (no disk) Optional None	RingCentral Fax Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Communicator Lotus SmartSuite Millennium Universal Management Agent ThinkPad on the Net
Memory (std / max)	64MB / 288MB ²⁵ SDRAM / non-parity / 66MHz / 3.3 Two 144-pin sockets / 32MB on for 64MB model, one socket used	lv / sockets accessed by remo planar / 1 or 2 sockets availa		 ConfigSafe® Norton AntiVirus™ (OEM Version) Mediamatics DVD Express IBM Update Connector Access ThinkPad
Display	13.3 " (337.8mm) TFT color / Activ 640x480, 800x600, or 1024x768 (150 nits (AC), 90 nits (battery) / 18	up to 16.7 million colors)	1 contrast ratio/	♦ Software Selections CD-ROM ♦ Recovery CD-ROM (Windows 98) ♦ Recovery CD-ROM (Windows 95) ⁷
Graphics - controller	NeoMagic™ MagicMedia256AV			WINDOWS NT PRELOAD16
Graphics - features Graphics - external	2.5MB / SGRAM (embedded) / 12 Motion compensation / color sp Multiple-monitor support ²⁶ for Win External SVGA to 1024x768x16.7	ace conversion / interpolation dows 98 / simultaneous LCD	n in X and Y axis and CRT ²⁶ / DDC2B	 Microsoft Windows NT® 4.0 Service Pack 4a
Disk	Left front / removable via coin screy			Online User's Guide
Disk controller	Enhanced IDE / busmaster / PCI 2 DMA Mode 2, Ultra DMA/33, or PI	O Mode 4 / supports 2nd disk	· · · · · · · · · · · · · · · · · · ·	ThinkPad Configuration ProgramErgonomicsIBM Registration
Keyboard / Fn keys Keyboard slope Pointing device	Full-size 85-key keyboard / 10 Fr Flat keyboard (does not lift up) / op TrackPoint ® / Press-to-Select / Recenter click button for scrolling or u	tional Port Replicator adds slo elease-to-Select / dragging / c magnifying glass / suspension	ope lick pace / top / spare caps	 Puma IntelliSync 97 (infrared) IBM Global Network Dialer Netscape Communicator Lotus SmartSuite Millennium²⁰
Dimensions ³⁶ Approximate weight ²	Approximately 11.8 x 9.4 x 1.4" (5.04 lbs (2.29 kg) w/ travel cover a	155 cubic inches); 300mm x 2 nd battery only / IBM ThinkPad	240mm x 36.5mm UltraCarbon™ case	Universal Management AgentConfigSafe
Battery - type Battery - life ¹⁰	Lithium Ion / intelligent / remove fr 3.0 hrs / no non-disruptive battery e 2 to 3 hrs / 1.5 to 2.5 hrs	om base / locked with latch		 Norton AntiVirus (OEM Version) IBM Update Connector Access ThinkPad SystemSoft CardWizard
Port replicator Docking Station PC Card Std slots USB / serial / parallel	Intel 440BX AGPset / Intel 8237 TI® PCI1251 for CardBus / AGP fc PCI 2.1 / 32-bit / 33MHz (EIDE, C PC97338 Super I/O / ISA (audio, SelectaBase 600 / PC Card Enal SelectaDock III¹¹ / SelectaDock I 2 Type I, 2 Type II, or 1 Type III / C One USB / one 9 pin serial; 16550	or graphics / LM75 digital ther ardBus, audio, USB, ext expa modem, diskette, serial, paralle oler ¹⁷ / PC Card Enabler with A and II ardBus 32-bit / PCMCIA 2.1 /	mometer ansion) el, infrared, ext exp) Advanced EtherJet ¹⁷ Zoomed Video	♦ Software Selections CD-ROM ♦ Recovery CD-ROM (Windows NT) The right bay (UltraslimBay) has LED on release latch to provide status; supports warm swapping: ■ std diskette and travel cover ■ std or optional CD-ROM
Other features Video (TV) out MPEG decoder Data/fax modem Audio support Jacks	APM-aware BIOS / Ultraslim 56 v 5BU/BAU: Video out (composite) / None (W98 support for MPEG-2 56K ²² V.90 / 14.4Kbps fax / telep integrated Mwave® 3780i DSP / int CS4239: ISA / SRS 3D audio / FN CS4610: PCI / decodes AC3 into s Int stereo speakers (front) / .5 watt Input jack (3.5 mm) / Output jack (3.5 mm) / Output jack (3.5 mm)	cable ships std with RCA jack because 300MHz with motionony / voice-capable / ernational programmable DA/ I synthesis / 16-bit playback air tereo / MPEG-2 audio decodir / Fn+PgUp and PgDn (volum .5 mm) / full duplex	k / Chrontel CH7004 on compensation) A / modem cable nd record ng / accel of DirectX	 std or optional DVD drive optional UltraslimBay battery (cold swap only; 600E only) optional LS-120 SuperDisk drive (cold swap only) optional Zip 100MB drive (cold swap) optional HDD adapter; for second disk (cold swap only) optional ThinkPad Proven™ solutions¹²
Infrared ports Security	Infrared port (on right) / IrDA 1.1 co Power-on password / hard disk pa		d / security keyhole /	PC 97 compliant DMI 2.0 compliant
Limited warranty ¹¹	personalization / phillips-head scre 3 year - carry-in or ThinkPad Easy	ew on base for memory / opt A	Illen screw for disk	DMI instrumentation (thermal monitoring) ACPI ready (APM enabled)
Service options ¹⁵	average turnaround) On-site ³² , M-F, 8-5, next bus day (`	Wired for Management 1.1a Wake on LAN® support ²⁸ Universal Management Agent™ support
 ThinkPad 600 Li-Ic 10/100 EtherJet C modem IBM 10/100 EtherJ 	ardBus with 56K ²² - 10 08L3167 - S et CardBus PC Card 08L3147 - P	4GB disk, 13ms, Ultra DMA/3 DGB disk, 12ms, Ultra DMA/33 electaBase 600 C Card Enabler with Adv Ethe electaDock III ¹⁷	36L9293 12J2467	Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 or NT manual Plug and Play 1.0a
Color depth LCD	External Monitor - U	ltraslim 56 watt AC Adapter (3	prong) 02K6545	Standby, suspend, safe suspend, and hibernation modes
Resolution TFT 640x480 16M 800x600 16M 1024x768 16M 1280x1024	60Hz 70Hz 75Hz 85Hz 16M 16M 16M 16M 16M 16M 16M 16M 16M - 16M 16M - - 16M </td <td>4X-10X° CD-ROM (UltraslimBincludes external diskette en CMB SO DIMM 3.3v NP SDRAMB /td> <td>AM 76H0294 AM 76H0294 AM 20L0241 BAM 01K1150 2nd disk) 05K5336</td> <td>ENERGY STAR compliant Asset ID™ wireless RF technology (available only as an AAP option on the 600E model BAU; Atmel® AT24RF08 EEPROM))</td>	4X-10X° CD-ROM (UltraslimBincludes external diskette en CMB SO DIMM 3.3v NP SDRAMB	AM 76H0294 AM 76H0294 AM 20L0241 BAM 01K1150 2nd disk) 05K5336	ENERGY STAR compliant Asset ID™ wireless RF technology (available only as an AAP option on the 600E model BAU; Atmel® AT24RF08 EEPROM))
All models: - C: drive is FAT16 c - D: drive is FAT32 (of remaining space	f 2GB f W98) or FAT16 (if NT)	uperDisk LS-120 (UltraslimBa; k⁵ DVD Drive (UltraslimBay) k-2X⁵ DVD Drive (UltraslimBa p 100MB UltraslimBay Drive (traslimBay Battery (600E onl	05K8890 ay) 05K9169 570/600) 37L1507	International Warranty Service ¹⁴ IBM SystemXtra ^{®,35} 24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

IBM® ThinkPad®				WINDOWS 22 777 2 176
Processor Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD (removable)	No upgrade / processor, I 256KB / onboard (at prod 3.5" 1.44MB / use in Ultras External diskette port on Std or option: CD-ROM / 2	I 450 or 500MHz¹ / 100MH 2 cache, and mem cntr (Naessor speed) / sync pipelir limBay™ / ships in external c ight side (can use simultan 4X-10X⁵ speed / bootable / r bootable / removable from L	orth Bridge) on Mobile Mod led burst / write-back / ECC diskette enclosure with a ca eously with internal CD/DV emovable from UltraslimBay	ThinkPad Utilities Online User's Guide ThinkPad Configuration Program
Type - model Preload (see side) Processor CD or DVD-ROM Disk (removable) Avail / withdrawn date	2645-3EU 2645-7EU Win 98 NT 4.0 Pentium III 450MHz CD-ROM 6.0GB ⁴ / 12ms seek read PIO4 or Ultra DMA/33 Dec 1999 / Jan 2001	2645-4EU Win 98 Win 2000 Pentium III 500MHz CD-ROM 12.0GB / 12ms seek read PIO4 or Ultra DMA/33 Dec 1999 / Jan 2001	2645-5EU	IBM Global Network Dialer Netscape Communicator Lotus® SmartSuite® Millennium²⁰ Universal Manageability Services ThinkPad on the Net ConfigSafe®
Memory (std / max)	64MB / 576MB SDRAM / non-parity / 100 M	MHz / 3.3v / sockets access s / 64MB on planar / 2 socl	ed by removing screw on	 Norton AntiVirus™ (OEM Version) Mediamatics DVD Express (5/9EU) IBM Update Connector Access ThinkPad
Display	13.3" (337.8mm) TFT colo	r / Active Matrix / XGA / 75r 24x768 (up to 16.7 million c	ns / 100 to 1 contrast ratio	A 0 - (1
Graphics - controller Graphics - features Graphics - external Disk	4MB / SGRAM (embedded Motion compensation / r simultaneous LCD and CR External SVGA to 1024x76	256ZX [™] (NM2360) / Acceld) / 128-bit engine, 256-bit nultiple-monitor support ²⁶ fo T ²⁶ / DDC2B 68x16.7 million colors at 85H screw or 2.5mm Allen wrend	nemory interface / AGP 2X r Windows 98 / dz and 1280x1024x256 col	- Microsoft Windows NT® 4.0 - Service Pack 5 - ThinkPad Utilities
Disk controller Keyboard / Fn keys Keyboard slope Pointing device	Enhanced IDE / busmaste DMA Mode 2, Ultra DMA/3 Full-size 85-key keyboard Flat keyboard (does not lif		2nd disk in opt HDD adap grated palm rest for adds slope	ThinkPad Configuration Program IBM Registration PC-Doctor RingCentral Fax IBM Global Network Dialer
Dimensions ³⁶ Approximate weight ²	center click button for scro Approximately 11.8 x 9.4 x 5.0 lbs (2.25 kg) w/ travel c	Universal Manageability Services		
Battery - type Battery - life ¹⁰	Lithium Ion / intelligent / re	move from base / locked wi battery exchange / supports	th latch	Norton AntiVirus (OEM Version)
Architecture Port replicator Docking Station PC Card Std slots USB / serial / parallel Other features	TI® PCI1450 for CardBus PCI 2.1 / 32-bit / 33MHz (PC97338 Super I/O / ISA SelectaBase 600 / PC Ca SelectaDock III¹7 / Select 2 Type I, 2 Type II, or 1 Ty One USB / one 9 pin seria	EIDE, CardBus, audio, USE (diskette, serial, parallel, in ard Enabler ¹⁷ / PC Card Ena	B, ext expansion) / frared, ext exp) bler with Advanced EtherJe WCIA 2.1 / Zoomed Video 4-A, EPP, ECP, bidirection	warm swapping: • std diskette and travel cover • std or optional CD-ROM
Video (TV) out MPEG decoder Data/fax modem Audio support Jacks Infrared ports	5EU/9EU: Video out (comp. None (W98 support for M 56K³ V.90 / 14.4Kbps fax Lucent® 1646 / internation 16-bit playback and record CS4624 / CS4297A AC97 Int stereo speakers (front) Input jack (3.5 mm) / output	osite) / cable ships std with PEG-2 because 300MHz w / telephony / voice-capable al programmable DAA / mo d / full duplex / SoundBlaste	RCA jack / Chrontel CH700 ith motion compensation) / Mini-PCI Type IIIb / dem cable er Pro™ support / PCI / Dn (volume) / int microphoduplex	• Sitt of optional DVD drive • optional UltraslimBay battery (cold swap only; 600E and 600X only) • optional LS-120 SuperDisk drive (cold swap only) • optional Zip 100MB drive (cold swap) • optional HDD adapter; for second disk
Security	Power-on password / hard	l disk password / supervisor ead screw on base for mem	password / security keyhol	sk CIM and DMI 2.0 compliant
Limited warranty ¹¹ Service options ¹⁵	average turnaround) On-site ³² , M-F, 8-5, next b	ad EasyServ™31 Rapid Depus day (72 cities) / serv up t	o 5 yrs from purchase date	Local and remote asset management
Color depth LCD Resolution TFT 640x480 16M 800x600 16M 1024x768 16M 1280x1024 All models: - C: drive is FAT16 o	ardBus with 56K ²² 08L3 et CardBus PC Card 08L3 External Monitor 60Hz 70Hz 75Hz 85Hz 16M 256 f 2GB f W98) or FAT16 (if NT)	511 - 6.0GB disk, 12ms, AT - 12.0GB disk, 12ms, AT - 12.0GB disk, 12ms, AT 167 - 18.0GB disk, 12ms, AT 147 - SelectaBase 600 - PC Card Enabler with - SelectaDock IIII ¹⁷ - Ultraslim 56 watt AC A - 24X-10X ⁵ CD-ROM (L 32MB SO DIMM 100M - 64MB SO DIMM 100M - 128MB SO DIMM 100M - 128MB SO DIMM 100M - 256MB SO DIMM 100 - UltraslimBay HDD ada - SuperDisk LS-120 (UI - 6X-2X ⁵ DVD Drive (Ult - Zip 100MB UltraslimBa - UltraslimBay Battery (in 167 - 168 - 169 - 16	TA-66 05K92 TA-66 37L29 Adv EtherJet ¹⁷ 05K48 35470 kdapter (3 prong) 02K65 IltraslimBay) 12J24 Hz NP SDRAM 20L02 MHz NP SDRAM 20L02 MHz NP SDRAM 33L30 MHz NP SDRAM 33L30 Aptr (for 2nd disk) 05K53 traslimBay) 20L19 raslimBay) 205K93 ay Drive (570/600) 37L15	via the IBM Universal Manageability Services Setup Guide, User's Reference, Quick Reference and Service Information Card, Options by IBM Catalog, Windows 98 or NT manual Plug and Play 1.0a Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Asset ID™ wireless RF technology (available as special bid option; Atmel® AT24RF08 EEPROM)) International Warranty Service¹4 IBM SystemXtra®.35 24 hour / 7 day³0 telephone, bulletin

IBM® ThinkPad®						
Processor	Intel® Mobile Pentium® III 5			ım® III	WINDOWS 98 PRELOAD ¹⁶	
Processor features	650MHz ^{1,41} with SpeedSte No upgrade / processor, L2			ile Module	 Microsoft® Windows® 98 Second Ed ThinkPad Utilities 	
L2 cache	256KB / onboard (at proce	k / ECC	Online User's GuideThinkPad Configuration Program			
External FDD port	3.5" 1.44MB / use in Ultraslin External diskette port on rig		PC-Doctor			
	Std or option: CD-ROM / 24)		IBM RegistrationRingCentral Fax			
DVD (removable) Type - model	Std or option: DVD-ROM / b	2645-5FU	2645-9FU		 Netscape Communicator 	
Preload (see side)	Windows 2000 Pro	Windows 98 SE	Windows 2000 P		 Lotus® SmartSuite® Millennium ThinkPad on the Net 	
Processor CD or DVD-ROM	Pentium III 500MHz CD-ROM	Pentium III 650MHz 6X-2X ⁵ DVD / RPC II	Pentium III 650M	HZ	ConfigSafe®	
Disk (removable)	12.0GB4 / 12ms seek read /	14ms write / ATA-66 or Ple		R.T. ²⁹	 Norton AntiVirus™ (OEM Version) Mediamatics DVD Express (5/9FU) 	
Memory (std / max)	February 2000 / February 20 64MB / 576MB	UI			IBM Update Connector Access ThinkPad	
mornory (ora / max)	SDRAM / non-parity / 100MI	Hz / 3.3v / sockets accesse	ed by removing scre	ew on	♦Software Selections CD-ROM	
Diaploy	base / two 144-pin sockets			at ratio /		
Display	13.3 " (337.8mm) TFT color 640x480, 800x600, or 1024			si ialio /	WINDOWS 2000 PRELOAD ¹⁶	
	150 nits (AC), 90 nits (batter	., .		/ 4 OD O Y	- Windows 2000® Professional	
Graphics - controller	NeoMagic™ MagicGraph2 4MB / SGRAM (embedded)			/ AGP 2X	ThinkPad UtilitiesOnline User's Guide	
Graphics - features	Motion compensation / mi	ultiple-monitor support ²⁶ for	Windows 98 SE or	nly /	 ThinkPad Configuration Program 	
Graphics - external	simultaneous LCD and CRT External SVGA to 1024x768		z and 1280x1024x2	256 colors	IBM Registration PC-Doctor	
Disk Disk	Left front / remove via coin s		h / SMART ²⁹ / upgra		RingCentral Fax	
Disk controller	Enhanced IDE / busmaster / DMA Mode 2, Ultra DMA/33		2nd disk in opt HDD	O adapter	Netscape CommunicatorLotus SmartSuite Millennium	
Keyboard / Fn keys	Full-size 85-key keyboard /	10 Fn key functions / integ	rated palm rest		ConfigSafeIBM Update Connector	
Keyboard slope Pointing device	Flat keyboard (does not lift the TrackPoint® / Press-to-Selection of the Flat keyboard (does not lift to the Flat keyboard (does not lift			/	SystemSoft CardWizard	
	center click button for scrolli				♦ Software Selections CD-ROM ♦ Recovery CD-ROM (Windows 2000)	
Dimensions ³⁶ Approximate weight ²	Approximately 11.8 x 9.4 x 4.99 lbs (2.25 kg) w/ travel c				♦ Recovery CD-ROM (Windows NT) ⁴⁰	
Battery - type Battery - life ¹⁰	Lithium Ion / intelligent / rem 3.0 hrs / no non-disruptive b			slimBav	The right bay (UltraslimBay) has LED or release latch to provide status; supports	
	2 to 3 hrs / 1.5 to 2.5 hrs	anory exertaings / supports	zna battory in Ottrac	ominDay	warm swapping:	
Architecture	Intel 440BX AGPset / Intel TI® PCI1450 for CardBus /		, USB) /		std diskette and travel coverstd or optional CD-ROM	
	PCI 2.1 / 32-bit / 33MHz (E	IDE, CardBus, audio, USB			std or optional DVD driveoptional UltraslimBay battery (cold	
Port replicator	PC97338 Super I/O / ISA (c SelectaBase 600 / PC Care	diskette, serial, parallel, inf d Enabler¹² / PC Card Enal	rared, ext exp) oler with Advanced I	Fther.Jet17	swap only; 600E and 600X only)	
Docking Station	SelectaDock III ¹⁷ / Selectal	Dock I and II			optional LS-120 SuperDisk drive (cold swap only)	
PC Card Std slots USB / serial / parallel	2 Type I, 2 Type II, or 1 Typ One USB / one 9 pin serial;	e III / Cardbus 32-bit / PCN 16550A / one (IEEE P1284	1-A, EPP, ECP, bidi	irectional)	 optional Zip 100MB drive (cold swap) 	
Other features	APM-aware BIOS / Ultraslim	n 56 watt AC Adapter barre	l, 3 prong / selectat	ble boot	optional HDD adapter; for second disk (cold swap only)	
Video (TV) out MPEG decoder	5FU/9FU: Video out (compos None (W98 support for MP)	site) / cable ships std with F EG-2 because 300MHz wi	RCA jack / Chrontel (th motion compens	CH7004 sation)	optional ThinkPad Proven™ solutions¹²	
Data/fax modem	56K ³⁷ V.90 / 14.4Kbps fax /	telephony / voice-capable /	/ Mini-PCI Typė IIIb			
Audio support	Lucent® 1646 / international 16-bit playback and record	/ full duplex / SoundBlaste	r Pro™ support / P	CI /	PC 99-compliant CIM and DMI 2.0 compliant	
	CS4624 / CS4297A AC97 (Int stereo speakers (front) /		On (volume) / int mi	crophone	Wired for Management 1.1a	
Jacks	Input jack (3.5 mm) / output j	ack (3.5 mm) / line in / full o	luplex	огорионо	Wake on LAN® support ²⁸ APM enabled (ACPI ready)	
Infrared ports Security	Infrared port (on right) / IrDA Power-on password / hard of		•	keyhole /	Local and remote asset management via the IBM Universal Manageability	
	personalization / phillips-hea	ad screw on base for memo	ory / opt Allen scrév	w for disk	Services Remote setup and low-level	
Limited warranty ¹¹ Service options ¹⁵	3 year - carry-in or ThinkPa average turnaround) On-site ³² , M-F, 8-5, next bus			-	maintenance via IBM LANClient Control Manager™	
- IBM Portable Drive		11 - 6.0GB disk, 12ms, ATA	<u> </u>	05K9199	Setup Guide, User's Reference, Quick Reference and Service Information	
- 10/100 EtherJet Ca	ardBus with 56K ²²	- 12.0GB disk, 12ms, A7	ΓA-66	05K9200	Card, Options by IBM Catalog,	
modem - IBM 10/100 EtherJe	08L316 et CardBus PC Card 08L31			37L2993 12J2467	Windows 98 or 2000 manual Plug and Play 1.0a	
Color depth LCD	External Monitor	 PC Card Enabler with a - SelectaDock III¹⁷ 		05K4820 3547003	Standby, suspend, safe suspend, and hibernation modes	
Resolution TFT	60Hz 70Hz 75Hz 85Hz	- Ultraslim 56 watt AC A - 24X-10X5 CD-ROM (U		02K6545 12J2471	ENERGY STAR compliant Asset ID™ wireless RF technology	
640x480 16M 800x600 16M	16M 16M 16M 16M 16M 16M	-64MB SO DIMM 100M	Hz NP SĎŘAM	20L0254	(available as special bid option;	
1024x768 16M	16M 16M 16M 16M	- 128MB SO DIMM 100N - 256MB SO DIMM 100N		20L0255 33L3069	Àtmel® AT24RF08 EEPROM)) International Warranty Service ¹⁴	
1280x1024	256	- UltraslimBay HDD ada	ptr (for 2nd disk)	05K5336	IBM SystemXtra®,35	
Windows 98 model: - C: drive is FAT16 of	f 2GB	- SuperDisk LS-120 (Ult - 6X-2X ⁵ DVD Drive (Ultr	rasıımbay) aslimBay); RPC II	20L1929 05K9169	24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet	
- D: drive is FAT32 o		- Zip 100MB UltraslimBa - UltraslimBay Battery (6	v Drive (570/600)	37L1507 02K6504	(www.ibm.com/pc/us) support	
Windows 2000 mode		- ThinkPad 600 Li-Ion B	attery	12J2464		
- C: drive is FAT32 of		- IBM 340MB microdrive)	00N8073		

IBM® ThinkPad®:	≫ 701CS		≫ 701	С			ThinkD	ad 701CS /701C strengths:
	dual scan color		TFT co	lor				· ·
Processor 3.3 volt Processor speed		IntelDX4 75/25 MHz	80486E 50/25 N		IntelD: 75/25	X4	≎ Full s	ized, folding TrackWrite keyboard ized 10.4" color dual scan or TFT display otebook size and weight (4.5 pounds)
Coprocessor socket Memory cache Diskette Removable CD-ROM	8 KB in DX2; 16 KI	essor std in DX2/DX B in DX4 / no L2 ca 4 MB / hot-pluggab	the Connectie standar	has a E tor to atta d MultiPo Adapter	ach eithe ort II or (v	er vith	Audio Infrare	o, 14.4/14.4 data/fax modem, telephony ed communication Point III and removeable disk
	US2 US5 360 MB 540 13 13 13	1,499 1,649 1,79 2SU 5SU 7SI 360 540 720 13 13 13 13 Mar95 Mar95 Se	UT2 360 13 □	3,299 UT5 540 13 1 Mar95	1,999*. 2TU 360 13 • Mar95	2,149 [•] 5TU 540 13 •• Mar9¢	7TU 720 13 🗖	Integrated chipsets provide: ① Data modem function - V.22bis (2400 bps) - V.32 (9600 bps) - V.32bis (14.4 Kbps)
Display - type Display - colors Display - techology Display - diagonal size	VGA color / 640 65,536 simultane Dual scan 10.4 inch / 20 to	eous colors	65,536 TFT - a	olor / 640 simultar ctive ma ch / 100	neous co trix		tio	Fax modem function Class 1 fax send/receive (14.4 Kbps) Audio function 16 bit audio / 44.1 kHz sampling rate Stereo waveform record and playback
Graphics - controller Graphics - vendor Graph - arch/data path		ogies / External S\						 18 voice MIDI wave table synthésizer SoundBlaster™ support Text to speech (via Monologue)
Memory - std / max Memory - type Mem - sockets empty Mem-options available	70 ns / non-parity 1 socket		4/36 N	The to Track into p	Write™ osition	s (end keybo autom		Telephone function Full telephone (can use opt headset) Telephone answering machine Full duplex speakerphone
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Yes (use MultiPo	m / 85 key (15 Fn ort II stand that flips on TrackWrite key quired)	out)	or clo Fn ke		ns:	opened	PREINSTALLED APPLICATIONS - IBM DOS 6.3 - Windows 3.11 * DX4 systems include OS/2 Warp 3.0
Dimensions Color Weight (with battery)		30 cubic inches) With keyboard op expands from 9.7		BattStar	ery State ndby/Susternation	us	,	(dual boot) with selected BonusPak - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo
Battery - type Battery - life Charge time - on / off	2.5 to 7 hours	NiMH (DX4 mdls b or optional N vill not charge if ur	iМН	- Har - LCE	aker off d disk of) or CRT	f or bot	h	Online Users Guide ThinkPad Features Diskette Factory Lotus® cc:Mail™, e-mail for the Global®
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	None (use standa 2 Type I or 2 Typ One 9 pin; 16550	optional Dock II A ard MultiPort II) oe II or 1 Type III A / ECP/EPP para S / Wallmount AC a	llel 36 pin (I	- Incr - Brig - Spe EEE 128	hten/din aker vol 4); non-l	crease n LCD ume up DMA	contrast down	network 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0 4. Triton CoSession™ Host 5. PRODIGY®; 6. America Online® 7. SofNet FaxWorks™ Voice™ 3.0
Functions Data/fax modem Audio support	14.4/14.4 data/fa 16 bit audio chip	x modem, audio, ax modem functio o on planar (ESS6 r (with Fn key vol	n (with RJ1 88 and Yan	1 jack) naha OP	L3) / FN ternal m	l Synth	esis ione	 8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™ (infrared function) 11. Taxi™
Audio in/out jacks Telephone Infrared ports	Input jack / micro Telephone / answ	phone jack / outpu vering machine / fu n back) / IRDA 1.0	t jack II duplex spe	eakerpho	ne			12. AlphaNet™ FollowFax™ 13. SEDONA™ REPRINT™ 14. COMPEL™ Personal Edition 15. Audiofile® TalkWorks™
Security	Power-on password / locking device keyhole also called MicroSaver™ security connector (Kensington™ lock)				16. Reuters sm Money [®] Network			
Preinstalled software Warranty	IBM DOS 6.3, Wi and all appls liste	ndows™ 3.11, (an	·		models),		

Configuration Utility is entered by Fn+F1 at any

MultiPort II (ships standard) is 1.7 x .9 x 10" and has ports for:

- Mouse/Numpad connector (6 pin)
 External keyboard connector (6 pin)
- EPP parallel port (25 pin) Serial connector (RS-232D 9 pin)
- Audio line in (3.5 mm)
- Audio line out (3.5 mm)
- External display connector (15 pin)
- DC input connector

ECP/EPP port (36 lines) connects either the external floppy or a printer. The standard External Diskette Drive Cable (13.2") has a 36-pin and a 26-pin connector. The Standard Printer Cable Adapter (7.1") has a 36-pin connector and a 25-pin connector (so a conventional printer cable is needed)

Compatible in all 701 models:

Disks: 540 MB disk 13 ms 04H6894 720 MB disk 13 ms 10H4096 Dock II (2 slot / 2 bay) 84G3587 Dock II Adapter Kit 4 MB SO-DIMM 3.3v 04H6196 92G7259 8 MB SO-DIMM 3.3v 92G7261 16 MB SO-DIMM 3.3v 92G7263 32 MB SO-DIMM 3.3v 92G7281 Universal AC Adapter 30 watts 04H8367 AC Adapter 30 w, wall, 2 pin AC Adapter 35 w, ww, 3 pin 10H4020 85G6680 Super NiCad Battery 10H4019 NiMH Battery 25H4862 MultiPort II 10H4021 External diskette with cable 10H4068 EPP Printer Cable & 10H4069 Cable Pack

ThinkPad 360, 750, 755 family disks, batteries memory, and Dock I are NOT compatible in the ThinkPad 701 family

FEATURES OF 701CS/701C MODELS

Battery life indicator Non-disruptive battery exchange Standby, suspend, hibernation, and RediSafe modes US EPA Energy Star compliant Personalized nameplate in molded indention

HELPWARE

3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM or dealer warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99.

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (701) Compiled by Roger Dodson, IBM. June 1996

⇒ = Withdrawn from marketing on or before June 1996

III ThinkPad 710T, 720, 720C - withdrawn

IBM® ThinkPad®:			
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	80486 SLC 25 MHz 16 KB internal No Optional 3.5" 1.44 MB	80486 SLC2 50/25 MHz 16 KB internal Yes (for 387 SL) 3.5" 1.44 MB	80486 SLC2 50/25 MHz 16 KB internal Yes (for 387 SL) 3.5" 1.44 MB
Price (retail USD) Type - model Hard drive - size Hard drive - speed Available date Withdrawal date	\$ 1,859 2523-09Y Option (TPF) 5, 10, 15 MB March 93 Sept 94 \$ 2,849 2523-303 60 MB 18.5 ms March 93 March 93 Sept 94 \$ 2,849 2523-303 March 93 March 93 March 94	\$ 2,495 \ 9552-307 120 MB \ 17 ms	\$ 4,695 9552-30J 160 MB 15 ms O May 93 March 94
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	VGA mono 16 grey scales STN Transflective LCD - Backlit 9.5 inch 3 to 1 N/A Transflective: can turn on backlit in dark areas or turn it off in bright areas	VGA mono 64 grey scales STN LCD - backlit 9.5 inch 18 to 1 Yes	VGA color 256 colors 640x480 Thin film transistor Active matrix 10.4 inch 100 to 1 Yes
Memory - std / max Mem - sockets empty SIMM/ICs available	4 / 12 MB 80 ns 1 socket (parity) 2, 4, 8 MB SIMMs	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs	4 / 16 MB 80 ns 2 sockets (parity) 2, 4, 8 MB ICs
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	External (any PS/2 keyboard N/A (no keyboard) N/A is supported) Electromagnetic pen Yes	Full size alp/num/ 84 None 8 degrees (legs) TrackPoint II TM Yes (with opt cable)	Full size alp/num/ 84 None 8 degrees (legs) TrackPoint II Yes (with opt cable)
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.6 x 9.6 x 1.4" 156 inches Blk nylon standard Black 5.2 pounds (09Y); 5.5 pounds (302,3)	11.7 x 8.3 x 1.9" 185 inches Many options available Black 6.5 pounds	11.7 x 8.3 x 2.2" 214 inches Many options available Black 7.6 pounds
Battery - type Batt - life (per battery) Charge time - on / off Battery - options	Nickel cadmium 3.3 to 4.1 hrs (09Y); 3.1 to 3.8 (302,3) N/A / 3 hrs (unit off or suspend only) Nickel cadmium half size battery	Nickel hydride 4 to 8 hours 3 hrs / 2 hrs Yes - status indicator	Nickel hydride 2.4 to 4.8 hours 1.5 hrs / 1.4 hrs Yes - status indicator
Architecture External AT/MCA port Comm Crtrdge (1 card) Docking Station Port replicator Modem/serial slot PCMCIA slots Visible LEDs - closed Serial / parallel ports	Local / AT I/O, DMA Yes No No 1 Type III PC Card can occupy 2 Type II slots on Model 09Y 3 Type II (09Y); 1 Type II (302, 303) N/A Yes / Yes	Micro Channel® Yes Yes (black) Yes (3550-002) black Yes black No 2 Type I or 2 Type II Yes or 1 Type III Yes / Yes (DMA)	Micro Channel Yes Yes (black) Yes (3550-002) black Yes black No 2 Type I or 2 Type II Yes or 1 Type III Yes / Yes (DMA)
APM-aware BIOS Other features Preinstalled software Warranty	No 09Y: PenDOS, PenPoint on optional solid state files (10, 15 MB). 302: PenDOS 2.0; 303: PenPoint 1 year - EasyServ only	APM-aware BIOS Hrdw security loop IBM DOS 5.02, PRODIGY® 3 year - carry in or EasyServ (opt onsite)	APM-aware BIOS Hrdw security loop IBM DOS 5.02, PRODIGY 3 year - carry in or EasyServ (opt onsite)

The 700/720 family hard disks, batteries, and docking station are NOT compatible with ThinkPad 360, 750, 755. The 700/720 memory IS compatible with ThinkPad 360, 750, 755.

FEATURES OF 700/700C and 720/720C	
3 year warranty 700/720 mono upgradeable to TFT color 700/700C upgradeable to 486SLC2 50/25 Upgradeable to 120, 160, 240, 340 MB Removable hard disk Pressure activated TrackPoint II Optional battery w/ power status indicators Quick Charger holds 2 batt; discharge button Coupon book with \$4,000 in savings	
♣ Price decrease effective October 28, 1993	→ Withdrawn from marketing

FEATURES OF ALL PRODUCTS

Suspend/resume mode; battery life indicator Non-disruptive battery exchange Simultaneous LCD and external CRT US EPA Energy Star compliant International travelers warranty IBM or dealer warranty/service 30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support at 1-800-772-2227

III ThinkPad 730T - withdrawn

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IBM® ThinkPad®:	≈ 730T						
December	pen tablet						
Processor type Processor speed	80486SX (3.3 volt SL Enh 33 MHz	lanced)					
Memory cache	8 KB internal (no L2 cache)						
Coprocessor socket	No ` ´						
Diskette drive	'	me as ThinkPad 710T and 730T	Ε)				
Price (retail USD)	\$2,569	\$2,879	\$3,119	\$3,429			
Type - model Hard drive - size	2524-801 Option (required	2524-901 Option (required	2524-80F 105 MB PCMCIA	2524-90F 105 MB PCMCIA			
Hard drive - speed	via PCMCIA disk)	via PCMCIA disk)	15 ms	15 ms			
Preinstalled software	N/A	N/A	IBM DOS 6.3	IBM DOS 6.3			
Assault (south deasons date	Marca 4004 / June - 4000	Marc 4004 / June 4000	Windows for Pen Computing	Windows for Pen Computing			
Avail / withdrawn date	May 1994 / June 1996	May 1994 / June 1996	May 1994 / June 1996	May 1994 / June 1996			
Memory - std / max Mem - sockets empty	4 / 20 MB	8 / 24 MB	4 / 20 MB a Type I or II PCMCIA card in re	8 / 24 MB			
Memory - type	70 ns / non-parity / 5.0 volt	bivora siot, triis wiii triefi perifiit	a Type for it Follow Card it le	St Of Slot			
Memory - options	4, 8, 16 MB ICs	•					
Display - type	VGA 640 x 480 monochroi		480 with 16 colors)				
Display - grey scales	16 grey scales	(Simultaneous LCD and C	CRT display)				
Display - techology Display - light source	STN Transflective LCD - Backlit	Transflective: can turn	on backlight in				
Display - size (diag)	9.5 inch	dark areas or turn it off	in bright areas				
Display - contrast ratio	3 to 1						
Keyboard		ard is supported; attach to port re					
Mouse/pointing		zer/stylus that realistically simul) / stylus is stored in a compartm	ates the feel of pen-to-paper / un	tethered / batteryless			
Dimensions	10.6 x 8.3 x 1.4"	// Stylus is stored in a compartir	icht on bottom				
Cubic inches	123 inches						
Carrying case	Blk nylon standard (many	options also available)					
Color	Black	annum de (O hetteriee)					
Weight (with battery)	3.5 pounds (1 battery); 3.9	pounds (2 batteries)					
Battery - type Battery - quantity	Nickel hydride (NiMH) Two batteries ship standar	rd / can use one or two batteries	A false battery pack ships standard if only want to				
Batt - life (per battery)	1 battery: 2 to 5 hours	dar dae one or two batteries	use one battery				
	2 battery: 4 to 10 hours		,				
Charge time - on / off	N/A / 1.5 hours (unit off or	suspend only)					
Architecture	Local memory bus / ISA						
Docking Station Port replicator	No Yes (ships standard / attac	ch to 200 nin connector)					
Torrophoator			in 16550A serial port, 3 25 pin E	PP parallel port,			
	diskette drive connector	r, ⑤ keyboard port, ⑥ DC port fo	AC connector				
Modem/serial slot PCMCIA 2.01 slots	No (use PCMCIA) 3 Type II or 2 Type III as f	ollowo:					
PCIVICIA 2.01 SIOIS			emory must go into this slot; so	adding IC DRAM			
	memory w	ill leave 1 Tỳpe II sĺot remaining)	, ,	•			
Carial /manallal mast-			sk in Models 80F/90F is installed	d here)			
Serial / parallel ports	Yes (on Port Replicator) /	<u> </u>					
Warranty	3 year - ThinkPad EasySe	SLA.					

The ThinkPad 730T requires a bootable operating system with Pen capability. **PCMCIA SLOT CONFIGURATION** Supported is: Two Type III (10 mm high): - PenDOS® 2.2 with IBM DOS 6.3 84G9180 - PCMCIA HDD 105 MB PenDOS preloaded Pen for OS/2 1.0 with OS/2® 2.11 IC DRAM only - FeITIOLOS/Z 1.0 WITHOS/Z 2.11
84G9190 - PCMCIA HDD 105 MB Pen for OS/2 preloaded

- Windows for Pen Computing® 3.1 with IBM DOS 6.3
Models 80F/90F are preloaded with Windows for Pen Computing

- PenRight!® (available at dealers) PCMCIA Type III 260 MB disk in this slot

4 MB IC DRAM 70 ns 5v non-parity 8 MB IC DRAM 70 ns 5v non-parity 16 MB IC DRAM 70 ns 5v non-parity 66G9540 92G7236 **FEATURES OF THINKPAD 730T Quick Charger** 92G7237 92G7424 66G9545 Car Battery Adapter Suspend/resume mode NiMH Battery (dual) 66G9550 Battery life indicator AC Adapter 20 watts 84G0480 PortReplicator 84G0485 Non-disruptive battery exchange External 3.5" 1.44 MB 48G8263 US EPA Energy Star compliant 3 year warranty
International Warranty Service
24 hour / 7 day telephone, bulletin
board, fax, and electronic diskette drive 105 MB HDD (PenDOS) 105 MB HDD (PenOS2) 84G9180 84G9190 Hand Strap 84G0495 Soft Case 84G0490 support **Battery Case** 84G0500 IBM warranty/service 30 day money back guarantee

(Model B0F)

IBM ThinkPad 730TE - withdrawn

IBM® ThinkPad®:			The 730TE is the same as the 730T (older models) except:
Processor Memory cache Coprocessor socket Diskette drive	IntelDX4™ 75/25 MH 16 KB in DX4 (no L2 N/A; standard in Intell Optional 3.5" 1.44 ME	cache)	730T 730TE ⇒ 486SX - 33 MHz ⇒ 105 MB disk preloads ⇒ 260 MB disk preloads ⇒ Improved storage
Price (retail USD) Type - model Part number Hard drive - size Hard drive - speed Preinstalled software Avail / withdrawn date	\$2,849 2524-B01 39H5976 Option (required via PCMCIA disk) N/A	\$3,499 2524-B0F 39H5975 260 MB PCMCIA 12 ms / 4500 rpm / 16 MB/sec burst trans IBM DOS 7.0 Windows for Pen Computing October 1995 / July 1997	door for pen
Memory - std / max Mem - sockets empty Memory - type Memory - options	Oct 1995 / July 1997 8 / 24 MB Uses a specific Type 70 ns / non-parity / 5. 4, 8, 16 MB ICs	III PCMCIA slot; this will then permit a Typ	be I or II PCMCIA card in rest of slot
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Graphics controller	VGA 640 x 480 mono 16 grey scales STN Transflective LCD - Backlit 9.5 inch / 3 to 1 contra Western Digital WD9	(Simultaneous LCD and CRT of Transflective: can turn on back areas or turn it off in bridge.)	display) acklight in ght areas
Keyboard Mouse/pointing	Electromagnetic pen/	yboard is supported; attach to port replica digitizer/stylus that realistically simulates t orted) / stylus is stored in a compartment o	he feel of pen-to-paper / untethered / batteryless
Dimensions Cubic inches Carrying case Color Weight (with battery)	Black `	nany options also available)); 3.9 pounds (2 batteries)	
Battery - type Battery - quantity Batt - life (per battery) Charge time - on / off	Nickel hydride (NiMH Two batteries ship sta 1 battery: 1.65 to 5 h 2 battery: 3.3 to 10 h N/A / 1.5 hours (unit of	andard / can use one or two batteries ours	A false battery pack ships standard if only want to use one battery
Architecture Docking Station Port replicator	Local memory bus / IS No Yes (ships standard / Port Replicator include	SA attach to 200 pin connector) les ① 15 pin external CRT port. ② 9 pin 16	550A serial port, ③ 25 pin EPP parallel port,
Modem/serial slot PCMCIA™ 2.1 slots	No (use PCMCIA) 3 Type II or 2 Type II 1st slot: 2 Typ memo 2nd slot: 2 Typ	e II or 1 Type III (but any additional memor ory will leave 1 Type II slot remaining) e II or 1 Type III (260 MB PCMCIA disk in	ry must go into this slot; so adding IC DRAM
Serial / parallel ports Security Warranty	Power-on password	or) / Yes (on Port Replicator) syServ™ (Optional Overnight Repair Option	nn)
vvarianty	J year - Hilliki au La	Sycory (Optional Overnight Nepall Option	2017

The ThinkPad 730T requires a bootable operating system with Pen capability. Supported is:

- PenDOS® 2.2 with IBM DOS 7.0
 39H6014 PCMCIA HDD 260 MB PenDOS preloaded
 Pen for OS/2 1.03 with OS/2® Warp
 39H6017 PCMCIA HDD 260 MB Pen for OS/2 preloaded
 Windows for Pen Computing® 1.0 with IBM DOS 7.0/Windows 3.11
 Model B0F is preloaded with Windows for Pen Computing
 PenRight! ® (available at dealers)

PCMCIA SLOT CONFIGURATION Two Type III (10 mm high):					
IC DRAM only					
PCMCIA Type III					
260 MB disk in this slot (Model B0F)					

Quick Charger 66G9540 Car Battery Adapter 66G9545 NiMH Battery (dual) 66G9550 AC Adapter 20 watts 84G0480 PortReplicator 84G0485 External 3.5" 1.44 MB 48G8263 diskette drive 48G0495 Hand Strap 84G0490 Battery Case 84G0500	260 MB HDD PCMCIA Type III (Blank) 260 MB HDD PCMCIA Type III (Warp for Pen) 260 MB HDD PCMCIA Type III (PenDOS) 4 MB IC DRAM 70 ns 5v non-parity 8 MB IC DRAM 70 ns 5v non-parity 16 MB IC DRAM 70 ns 5v non-parity	06H9077 39H6017 39H6014 92G7236 92G7237 92G7424 FEATURES OF THINKPAD 73 Suspend/resume mode Battery life indicator Non-disruptive battery exchange US EPA Energy Star compliant 3 year warranty International Warranty Service 24 hour / 7 day telephone, bul board, fax, and electronic support IBM warranty/service 30 day money back guarantee	e e letin

IDM® Think Dad®	750	7500-	7500	7500	
IBM [®] ThinkPad [®] :					★ Traveling Multimedia preconfigured system
Processor type Processor speed Memory cache Coprocessor socket Diskette drive	All: 80486 SL with mat All: 33 MHz All: 8 KB internal All: N/A (std in 486SL) All: 3.5" 2.88 MB O	h co The removed optional 'FDD \$135) to the ①	diskette drive can be utili External Kit' (includes ca Port Replicator Model I, Dock I Docking Station.	ized externally via the able and enclosure;	A preconfigured, multimedia 750C ; Available Sept 93; \$ 7,245 • 4
Display - type Display - grey scales Display - techology Display - light source Display - size (diag) Display - contrast ratio 180 degree display tilt	Yes (external SVGA)	\$ 2,599 \ 9545-206 9545-208 340 MB \ 15 ms \ Nov 93 / withd Sept 94 VGA color 256 colors 640x480 STN - passive matrix LCD - Sidelit 9.5 inch Dual scan 20 to 1 Yes (external SVGA)		VGA mono 64 grey scales STN - pen enabled LCD - Sidelit 9.5 inch 18 to 1 Yes (external SVGA)	 listed on left) 340MB removable hard disk 12 MB memory (4 MB std + 8 MB IC DRAM card) 14.4 Data/Fax
Memory - std / max Mem - sockets empty SIMM/ICs available	All: 4 / 20 MB 70 ns All: 1 socket (parity) All: 2, 4, 8, 16 MB ICs		<i>s for all:</i> 1 MB DRAM vi gital WD90C24 / Accelei RT / External VGA is SV	rator / 16 biť AT bus /	Station) - CD-ROM/XA - double speed and Kodak
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 8 All: Yes (legs pop out) All: TrackPoint II All: Yes (with option ca	① Fuel guage ② Standby mo	ns to instantly change in	⑦ High intensity text	Photo CD multisession - Dock I Carrying Case
Dimensions Cubic inches Carrying case Color Weight (with battery)	11.7 x 8.3 x 1.7" 165 inches Blk nylon (option) Black 5.5 pounds	11.7 x 8.3 x 2.0" 194 inches Blk nylon (option) Black 6.2 pounds	11.7 x 8.3 x 2.0" 194 inches Blk nylon (option) Black 6.4 pounds	11.7 x 8.3 x 2.1" 204 inches Blk nylon (option) Black 6.6 pounds	Software: - Windows 3.1 - Asymetrix COMPEL™ (on screen multimedia presentations)
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (smart) 5.3 to 12 hours 1.5 hrs / 1.5 hrs	Nickel hydride (smart) 3.5 to 8 hours 2.0 hrs / 1.5 hrs	Nickel hydride (smart) 3.4 to 8 hours 2.0 hrs / 1.5 hrs	Nickel hydride (smart) 5.1 to 12 hours 1.5 hrs / 1.5 hrs	 Asymetrix MediaBlitz! (library of media clips) LapLink™ V (file transfer via cable
Architecture (ext port) Docking Station Port replicator PCMCIA 2.01 slots	All: Yes (Dock I and II I All: 2 types (below) All: 2 Type I or 2 Type	TV and VCR p ill or 1 Type III	n (CDPD),	/ Tuner (for on screen her third party options.	or modem) - Delrina WinFax PRO (fax software)
Serial / parallel ports Other features		nhanced Parallel Port (El Diagnostics in FLASH El			ALL 750 MODELS Liftable (pop-up)
Audio support Audio in/out jacks Security	All: Input jack supports All: Hardware security	n planar with Mwave audi microphone / Output ja loop / Power-on passwor ware config changes / H	ck supports headphone d / Supervisor password	or stereo speakers I (privileged access	keyboard to access diskette drive, disk, battery, and memory
Preinstalled software Warranty	DOS 6.1, PRODIGY® Online info, demo 3 year - carry in or EasyServ (opt onsite)	DOS 6.1, PRODIGY Online info, demo 3 year - carry in or	DOS 6.1, PRODIĜY Online info, demo 3 year - carry in or	DOS 6.1, Windows™ 3 Windows for Pen, PRO 3 year - carry in or	3.1, PenDOS™ 2.2, DDIGY, Online info, demo or \$40 each year; all mod)
The 700/720 family har	rd disks, batteries, and do	ocking station are NOT c	ompatible with 750. The	2 700/720 memory IS co	mpatible with 750

The 700/720 family hard disks, batteries, and docking station are NOT compatible with 750. The 700/720 memory IS compatible with 750

Dock I (Docking Station)

SCSI-1 controller; two stereo speakers; One full-size 16 bit AT bus slot; 6.0 pounds; One bay (slim high 1") for 3.5" or 5.25" devices Can house removable disk from 360/750/755; Replication of ports on back of 360750/755; Additional ports: SCSI, audio, speaker, video in, diskette, headphone jack; handle/palm rest;

Dock II (Docking Station)

SCSI-2 Fast controller; two stereo speakers; Two full-size 16 bit AT bus slots; 17.6 pounds; Two 5.25" bays (1" high (SL) and 1.5" high HH); Can house removable disk from 360/750/755; Two PCMCIA slots (Type II and III); Many ports including audio, diskette, SCSI; Plug and Play ready

Port Replicator Model I

2 Type I or 2 Type II or 1 Type III PCMCIA slots Provides cable management because all the cables attach to Replicator, not the ThinkPad Replication of Ports: mouse, keyboard, SVGA, parallel port, serial, diskette port, DC power

Port Replicator Model II Same as Model I except no PCMCIA slots

750 MONOCHROME

Upgradeable to ① monochrome pen enabled screen (same as 750P), or 2 10.4" TFT color

750Cs DUAL SCAN COLOR

Dual scan passive matrix color screen

750C ACTIVE MATRIX COLOR

Largest 10.4" active matrix color screen

750P CONVERTIBLE PEN

Same display as the 750 monochrome. Can be used in normal upright position or folded down into a position suitable for writing via the standard untethered stylus.

Cellular Digital Packet Data (CDPD) **Mobile Communications Module**

Provides transmission of analog and digital data using a cellular telephone.

Supported on 750, 750Cs, 750C (not 750P). High speed 14.4 bps data/fax modem, AMPS cellular, and CDPD transceiver; wire or wireless; available April 1994; \$1,999

Many other options available from IBM

FEATURES OF ALL 750 FAMILY

3 year international warranty 16 bit audio chip on planar (Mwave™) Headphone (out)/microphone (in) audio jacks Removable and upgradeable hard disks Removable diskette drive

Pressure activated TrackPoint II Std intelligent battery with built in processor

for accurate monitoring on screen Discharge battery via mouse click Quick Charger holds 2 batt; discharge button Non-disruptive battery exchange Standby / suspend / hibernation modes

Hibernation mode saves memory to the hard disk and shuts system off

Selectable boot

US EPA Energy Star compliant Personalized nameplate in molded indention

Coupon book with \$4,000 in savings IBM or dealer warranty/service

30 day money back guarantee 24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support

III ThinkPad 755 - withdrawn

IBM® ThinkPad®:	≫755Cs		×755C		★Traveling Multimedia			
	dual scan color		TFT color		preconfigured system			
Processor type Processor speed Memory cache Coprocessor socket Removable diskette	80486 DX2 ☐ to DX4 50/25 MHz 3.3 volt 8 KB internal (no L2) N/A (std in 486DX2) 3.5" 1.44 MB ○	75/25 MHz 3.3 volt 16 KB internal (no L2) N/A (std in 486DX4) 3.5" 1.44 MB O	8 KB internal (no L2) N/A (std in 486DX2) 3.5" 1.44 MB ()	75/25 MHz 3.3 volt 16 KB internal (no L2) N/A (std in 486DX4) 3.5" 1.44 MB \bigcirc	A preconfigured, multimedia 755C ; Available June 94; withdrawn Dec 95 Part #2337289			
Price (retail USD) Type - model all 9545 Removable disk - size Hard disk - speed ms Avail / withdrawn date	\$3,399 \$3,899 \$4,299 EOC EOE EOG 170 340 540 14	\$3,899 \$4,399 \$4,799 K0C K0E K0G 540 \$170 \$14 \$14 \$14 \$15 \$14 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15	FOC	\$3,399 \$3,699 \$3,999 LOC LOE LOG 170 14 0 14 0 Jun 94 / Dec 95	\$ 6,399 *\(\) Included with the IBM Traveling Multimedia: Hardware:			
Display - type Display - colors Display - techology Display - light source Display - size (diag) Display - contrast ratio	VGA color 256 colors 640x480 (pal STN - passive matrix LCD - Sidelit 9.5 inch Dual scan 20 to 1	lette of 4096 colors)	VGA color 256 colors 640x480 (pall TFT - active matrix LCD - Backlit 10.4 inch 100 to 1	ette of 262,144 colors)	- 540 MB removable hard disk - 8 MB memory (4 MB			
Graphics - controller Graphics - vendor Graph - arch/data path	std + 4 MB DIMM on Memory Adapter) - 14.4 Data/Fax modem (PCMCIA)							
Memory - std / max Mem - sockets empty	/ max All: 4/36 MB 70 ns ts empty All: 1 socket (parity)							
	All: 2, 4, 8, 16, 32 MB IC		t works on optional Memo	ry Module Adapter	speed and Kodak Photo CD			
Keyboard / # of keys Fn key functions Keyboard slope Mouse/pointing Ext keyboard support	All: Full size alp/num/ 85 All: 8 (in any appl) All: Yes (legs pop out) All: TrackPoint II™ All: Yes (with option cab	Fn + F3 = Sta Fn + F4 = Sus Fn + F5 = Aud	indby Fn + F8, F spend Fn + F11 : dio decrease Fn + F12 :	= Ext display/LCD 9, F10 = (reserved) = Power mgmt = Hibernation mode	multisession - Dock I Carrying Case - Interlink [®] ProPoint™			
Dimensions Color Weight (with battery)	All: 11.7 x 8.3 x 2.0" (194 All: Black 6.1 pounds	4 cubic inches) Easy-		Intelligent battery with a	Software - same as 7550 plus: - Asymetrix®COMPEL™			
Battery - type Batt - life (per battery) Charge time - on / off	Nickel hydride (smart) 4 to 8 hours 2 hrs / 1.5 hrs		Nickel hydride (smart) 3.1 to 8 hours	orocessor to allow accurate monitoring of battery condition and accurate fuel guage.	- Asymetrix MediaBlitz! (library of media clips) - LapLink™ V - Picture Factory™			
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	All: AT bus (ISA) Diskette drive can be removed ① to reduce weight, ② to insert All: Yes (Dock I and II below) All: Yes (2 types below) All: 2 Type I or 2 Type II or 1 Type III Diskette drive can be removed ① to reduce weight, ② to insert cellular modem (CDPD), ③ to insert TV Tuner (for on screen TV and VCR playback), or ④ to add other third party options. - TalkWorks™ - TalkWorks™ - ClickArt™ 2000							
Other features .	All: APM-aware BIOS / F		. ,	,	ALL 755 MODELS			
Audio support Audio in/out jacks Security								
Preinstalled software	All: IBM DOS 6.3, Windo				and memory			
Warranty		riton CoSessions™ Host The removed	⊕ Lotus ScreenCam 1.0, ⊕ PRODIGY [®] , ⊕ Americ diskette drive can be use le and enclosure; \$135) to	a Online ^{sм} , ® SofNet Fa d externally via the optic	onal 'FDD External Kit'			
Dock I (Docking Stat		The ThinkPad 755 far		Cellular Digital Pack	tet Data (CDPD)			

SCSI-1 controller; two stereo speakers; One full-size 16 bit AT bus slot; 6.0 pounds; One bay (slim high 1") for 3.5" or 5.25" devices Can house removable disk from 360/750/755; Replication of ports on back of 360/750/755;

Additional ports: SCSI, audio, speaker, video in, diskette, headphone jack; handle/palm rest;

Dock II (Docking Station)

SCSI-2 Fast controller; two stereo speakers; Two full-size 16 bit AT bus slots; 17.6 pounds; Two 5.25" bays (1" high (SL) and 1.5" high HH); Two PCMCIÁ slòts (Typè II and III); Many ports including audio, diskette, SCSI; Plug and Play ready

Port Replicator Model I \$299

2 Type I or 2 Type II or 1 Type III PCMCIA slots Provides cable management because all the cables attach to Replicator, not the ThinkPad Replication of Ports: mouse, keyboard, SVGA, parallel port, serial, diskette port, DC power

Port Replicator Model II Same as Model I except no PCMCIA slots options of the ThinkPad 750 family.

Compatible in 360, 750, and 755 family:

- Hard disks (170, 250, 340, 540, 810 MB)
- Batteries (see below)
- Diskette drive Dock I and Dock II
- Port Replicator I - AC Adapter
- Port Replicator II Quick Charger CDPD Mobile Module (not pen models)

ThinkPad IC memory for 700, 720, 750, and

755 are all compatible. The 700 and 720 family hard disks, batteries, and docking station are NOT compatible with 750 or 755 family.

Battery compatibility: 360 750 755

84G2392 360 NiMH battery N Y Ν 66G2846 750 NiMH battery

Y = battery supported; N = not supported

Winstone 94 for 755C DX4 = 37.8

data using a cellular telephone. Supported on all 360/750/755 (except 750P). 14.4 bps data/fax modem, AMPS cellular, and CDPD transceiver; wire or wireless.

Provides transmission of analog and digital

FEATURES OF ALL 750 and 755 FAMILY

Discharge battery via mouse click Quick Charger holds 2 batt; discharge button Battery life indicator

Non-disruptive battery exchange Standby / suspend / hibernation modes EasyPlaying (PC Card Director™) preinstalled and included on Utility Diskette (755 only) US EPA Energy Star compliant

Personalized nameplate in molded indention

International travelers warranty IBM or dealer warranty/service 30 day money back guarantee

24 hour / 7 day fax support 24 hour / 7 day bulletin board support 24 hour / 7 day telephone support

(755THINK) Compiled by Roger Dodson, IBM. December 1995

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary

IBM ThinkPad 755CSE / CE - withdrawn

IBM® ThinkPad®:	>< 755CSE		755CE	<u> </u>		ThinkP	ad 755CSE / CE strengths:		
	dual scan color		TFT color			DSP	with audio, data/fax modem, telephony		
Processor type Processor speed Processor / L2 upgrade Removable diskette Removable CD-ROM	IntelDX4ä / no L2 cache 100/33 MHz / 3.3 volt Pentium 75/50 MHz which 256 KB / write-throug Internal 3.5" 1.44 MB O / 3 Supports PCMCIA Cartric Not supported (Diskette b	h / direct ma supports inte Ige, TV Tune	apped / 12 r ernal 2.88 M er, or CDPE	1B diskette	bay	InfraColoRemLifta	red communication r: 10.4 dual scan or 10.4 Black Matrix TFT ovable disk and diskette ble keyboard and TrackPoint III rade to Pentium with L2 cache		
Price (retail USD) Type - model Removable disk - size Removable disk - spd Available date Display - type Display - colors Display - techology	\$3,499 \ \ \ 9545-6BC \ 340 MB \ \ \ 14 ms \ \ \ \ 14 ms \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6 4,299 ♣ 9545-6BE 810 MB 14 ms ○ Nov 1994	\$ 4,299 \ 9545-7BC 340 MB \ 14 ms O Oct 1994 VGA color 65,536 sim	\$4,649 \\ 9545-7BD 540 MB \(\bar{9}\) 14 ms \(\cappa\) Oct 1994 / 640 x 480 ultaneous c ix TFT - acti		-7BE //B s ○ 994	Integrated Mwave™ DSP provides: ① Data modem function - V.22bis (2400 bps) - V.32 (9600 bps) - V.32bis (14.4 Kbps) ② Fax modem function - G3 fax send/receive (14.4 Kbps) ③ Audio function - Stereo waveform record and playback		
Display - diagonal size Graphics - controller Graphics - vendor Graph - arch/data path	10.4 inch / 20 to 1 contras WD90C24A2 with 1 MB D Western Digital / External VL-Bus 2.0 local bus / 32	RAM SVGA to 10)24 x 768 w		(up to 7	75 Hz)	- Qsound™ support (3-D effect) - 32 voice MIDI wave table synthesizer - SoundBlaster™ support - Text to speech (via Monologue) ④ Telephone function		
Memory - std / max Mem - sockets empty Mem-options available	8 MB / 40 MB 70 ns / pa 1 socket 2, 4, 8, 16, 32 MB ICs or 4, 8 work on optional Memo	3, 16 MB DIM	① 1 opén socket for IC mem- B DIMMs that ory card for 20 MB max or				- Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone - Software upgradeable (28.8 and DSVI)		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 (8 F Yes (legs pop out) TrackPoint III™ Yes (with option cable)	n key functi	max of 40 MB with 4, 8, or 16 MB JEDEC 72 pin SO DIMMs on optional Memory Module Adapter. ALL 755CSE / CE MODELS Liftable (pop-up) keyboard to			n ŚO	PREINSTALLED APPLICATIONS - IBM DOS 6.3 - Windows 3.11		
Dimensions Color Weight (with battery)	11.7 x 8.3 x 1.96" (190 cu Black 6.4 pounds					d to	- OS/2 Warp 3.0 (dual boot) w/ BonusPa - CompuServe Info Mgr™, IBM Works - Internet Connection, Person to Person		
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / int 3.3 to 10 hours 1.7 hrs / 1.2 hrs	telligent		and remove ttery, and m		,	- HyperACCESS Lite™, Video IN - FaxWorks™, MM Viewer™ - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo (except340 MB mod		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features		nced Paralle	Intelligent battery with a processor to allow accurate monitoring of battery condition and accurate fuel guage. /pe III ed Parallel Port (EPP and ECP) nt A/C adapter (40 watts) / Selectable boot				- Online Users Guide - ThinkPad features 1. Lotus® cc:Mail™, e-mail for Advantis® network 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0		
DSP function Data/fax modem Audio support Audio in/out jacks Telephone Infrared ports	Mwave MDSP2780 DSP with modem, fax, audio, telephony function Data/fax modem function via DSP 16 bit audio chip on planar with Mwave DSP Internal speaker (with dial volume control) and internal microphone Input jack / output jack supports Telephone / answering machine / full duplex speakerphone Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs					one	4. Triton CoSessionä Host 5. PRODIGY®; 6. America Online® 7. SofNet FaxWorks™ Voice™ 3.0 8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™ (infrared function) 11. Taxi™		
Security	Power-on password / Har security loop / Keyboard lo MicroSaver™ cable lock)	/ Hard disk password / Supervisor password / Hardw pard lock / locking device keyhole (Kensington™			vord / H ngton™	lardware	-12. AlphaNet™ FollowFax™ 13. SEDONA™ REPRINT™ 14. COMPEL™ Personal Edition -15. Audiofile® TalkWorks™		
Preinstalled software Warranty	IBM DOS 6.3, Windows™ 3 year - carry in or EasyS				listed to	o right:	16. Reuters SM Money [®] Network 17. Mwave Sampler (CD)		
The removed diskette	drive can be used	Compatibl	e in all Thin	kPad 360 faı	mily, 75	50	FEATURES OF 755CSE / CE MODELS		

The removed diskette drive can be used externally via the optional 'FDD External Kit' (includes cable and enclosure) to the Port Replicator Model I and II and Dock I and II.						
Diskette drive can be removed (fr ① to reduce weight ② to insert cellular modem (CDP ③ to insert TV Tuner (for on scre VCR playback) ④ to insert PCMCIA Cartridge (T ⑤ to insert 2.88 MB diskette ⑥ to add other third party options	D) en TV and Type I, II, or III)					
Options for 755CSE / CE:						
NiMH Battery Pack II 760 NiMH Battery (black) TV Tuner (CE only) FDD External Attachment Kit	85G1513 41H9720 66G3689 66G3618					

Memory Module Adapter 4 MB SO DIMM parity

8 MB SO DIMM parity 16 MB SO DIMM parity Compatible in all ThinkPad 360 family, 750 family, 755 family:
- Disks: 170 MB IDE 66G2847/9

	Disks.	170 MD IDE	00020777
		250 MB IDE	84G2391
		340 MB IDE	66G2849
		540 MB IDE	84G2150
		810 MB IDE	84G8250
-	Dock I	(1 slot / 1 bay)	3545001
-	Dock II	(2 slot / 2 bay)	3546001
-	Port Rep	olicator I (w/ PCMCIA)	66G3510
-	Port Rep	olicator II	66G3520
-	1.44 MĖ	3 diskette	std in newer
-	2.88 MB	diskette	66G0108

Options for 755CSE / CE:

PCMCIA Cartridge 84G1301
Pentium/L2 upgrade 85G8609

ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible

FEATURES OF 755CSE/CE MODELS

Discharge battery via mouse click
Battery life indicator
Non-disruptive battery exchange
Standby, suspend, and hibernation modes
US EPA Energy Star compliant
Personalized nameplate in molded indention
Personalization screen at startup
SelectaSystem™ capability to select operating
system choice
3 year warranty
International Warranty Service

International Warranty Service
24 hour / 7 day telephone, bulletin
board, fax, and electronic support
IBM or dealer warranty/service
Online Housecall (remote diagnostics)
30 day money back guarantee

Withdrawn from marketing effective December 1995

84G2151

92G7253

92G7255

92G7257

ThinkPad 755CX - withdrawn

IBM [®] ThinkPad [®] :	> 755CX	100		000		Same as	ThinkPad 755CE except includes:				
D	No DSP - 640 x 4		DSP - 800 >	600		Pentiu	m 75/50 MHz				
Processor type Coprocessor socket L2 cache	Pentium® 75/50 I N/A (standard in F 256 KB / write-thr	Pentium)	ned / 12 ne / s	coldered		⇒ SVGA	B L2 cache 800 x 600 LCD (on some models)				
Removable diskette	Internal 3.5" 1.44 Supports PCMCIA	MB ○ / supports i	internal 2.88 l	MB diskette		Lithiur	arity memory n ion battery (on two models)				
Removable CD-ROM	Not supported	(Diskette bay is c	alled UltraBa	y™)	Ι.		.0 (instead of DOS 6.3) and Mind Path Pro				
Price (retail USD) Type - model Part number Removable disk - size Removable disk - spd Avail / withdrawn date	9545-SBJ 84G6381 540 MB 	\$ 4,149 ♣ 9545-SBK 85G1669 810 MB □ ○ 14 ms ○ Jun 95 / Jun 96	\$4,849 9545-HBD 85G8555 540 MB 14 ms O May 1995	\$5,249 9545-HBE 85G8524 810 MB 14 ms O May 1995	\$ 5,69 9545- 85G75 1.2 GI 12 ms Sept 9	HBL 518 B ○	PREINSTALLED APPLICATIONS - IBM DOS 7.0 SelectaSystem™ - Windows 3.11 - OS/2 Warp 3.0 (dual boot) w/ selected BonusPak				
Display - type Display - colors Display - techology Display - diagonal size	VGA color / 640 : 65,536 simultane Black Matrix TFT 10.4 inch / 100 to	ous colors - active matrix	1	r/800 x 600	ast rati	o	 IBM PC Card Directorä for PCMCIA IBM ThinkPad Demo Online Users Guide ThinkPad features; Diskette Factory Lotus[®] cc:Mail™, e-mail for Global[®] 				
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A (Rev Western Digital / I VL-Bus 2.0 local b	External SVGA to	1024 x 768 v	v/ 256 colors D and CRT / 1	(up to 7 180 deg	75 Hz) gree tilt	network 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0				
Memory - std / max Mem - sockets empty Mem-options available		emory supportéd b	out w/o parity) 3 DIMMs that	2 new DIMI	ocket fo 40 MB VI techn	r IC mem- max or ology for	Official Airline Guide® Flight Disk® 1.0 Triton CoSession™ Host PRODIGY®; 7. America Online® SofNet FaxWorks™ Voice™ 3.0 Video For Windows™ 1.1 Buntime				
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num Yes (legs pop out TrackPoint III ™ Yes (with option o) `	nctions)	max of 40 M 16 MB JEDI DIMMs on o Module Ada	EC 72 p ptional	oin SO	 9. Video For Windows™ 1.1 Runtime 10. Monologue (text to speech) 11. Puma TranXit™ (infrared function) 12. Taxi™ 13. Second Nature Screen Saver 				
Dimensions \Weight (with battery)	11.7 x 8.3 x 1.96" 6.1 pounds	(190 cubic inches	s)				14. Farallon [®] Replica [™] 15. AlphaNet [™] FollowFax [™] 16. SEDONA [™] REPRINT [™]				
Battery - type Battery - life Charge time - on / off		Supports optional Li-Ion battery			 17. COMPEL™ Personal Edition 18. Audiofile® TalkWorks™ 19. Reuters™ Money® Network 						
Architecture Docking Station Port replicator PCMCIA [™] 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I a 2 Type I or 2 Typ One 9 pin; 16550, APM-aware BIOS	e II or 1 Type III A / one (IEEE P12	allow acc condition 284-A, EPP, E		ring of be fuel go onal)	oattery uage.	20. Mind Path™ Presentation F/X Pro				
Video function DSP function Data/fax modem Audio support	None None (but can ord None (but can ord None (but can ord	er DSP upgrade)	Data/fax m	odem functi	on via anar wi	DSP ith Mwave	x, audio, telephony function DSP rol) and internal microphone				
Audio in/out jacks Telephone Infrared ports	Infrared ports (fr	er DSP upgrade) ont and back) / I	Input jack s Telephone RDA compa	upports micro (w/ opt heads tible / up to 1	ophone et) / an: 15 kbs	: / Output ja swering ma s	ick supports headphone/speakers achine / full duplex speakerphone				
Security	Power-on passwo security loop / Key PCMCIA card loc	yboard lock / lock	ssword / Supe ing device ke	ervisor passw yhole (Kensir	ord / H ngton™	ThinkPad 755CX supported batteries:					
Preinstalled software Warranty	IBM DOS 7.0, Win 3 year - ThinkPac	dows™ 3.11, OS/2 I EasyServ (optio	2 Warp Versional Overnight	on 3 and all ap Repair Servi	pls liste ce) or c	- NiMH Battery Pack II 85G1513 - Lithium Ion 85G8561 - Li-Ion Battery Pack II 29H9329					
Upgradeable or Interprovides:		755 fa	Compatible in all ThinkPad 360 family, 750 family 755 family: - Disks: 170 MB IDE 66G2847				- Travel Quick Charger 85G1522 (for NiMH or Li-Ion)				
- Qsound™ suppo - 32 voice MIDI w - SoundBlaster™ - Text to speech (Telephone funct - Full telephone (- Telephone answ - Full duplex spea Software upgrac	ps) cition eive (14.4 Kbps) m record and playbort (3-D effect) eave table synthesi support via Monologue) ion can use opt headse vering machine lkerphone	- Doc - Doc - Por - Por - 1.44 - 2.88 Option - PCI - FDI - CDI - Mw.	250 ME 340 ME 540 ME 810 ME 1.2 GB	BIDE BIDE BIDE BIDE BIDE LIDE SUBE BIDE SUBE BUBE SUBE BUBE SUBE BUBE BUBE BUB	840 840 840 850 354 660 840 660 840 660	G2391 G2849 G2150 G8250 G8562 J5001 J6001 G3510 G3520 J60108 G1301 G3618	FEATURES OF 755CX MODELS Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indenti Personalization screen at startup 3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic suppor IBM or dealer warranty/service Online Housecall (remote diagnostics) 30 day money back guarantee				

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99.

□ = Upgradeable ○ = Removable ♣ Price decrease effective November 7, 1995

⇒ = Withdrawn from marketing effective June 1996

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			75501/		_			
IBM® ThinkPad®:			755CV ejector LCD - Penti	ım	Sa	me as ThinkPad 755CE except includes:		
Processor type L2 cache Processor / L2 upgrade	IntelDX4™ 100/33 MHz None to Pentium 75/50 MHz which	Pe 256	ntium® 75/50 MHz 6 KB write-throug		0 0	Overhead projector LCD Supports optional lithium ion battery Mind Pathä Remote Control IR55		
Removable diskette	includes 256 KB L2 cache Internal 3.5" 1.44 MB m / sup	e oports inte	64 bit to L2 rnal 2.88 MB diske	32 bit to mem		F/X and software		
Removable CD-ROM	Supports PCMCIA Cartridge Not supported (Diskette bay			ette bay		Integrated Mwave™ DSP provides:		
Price Type-model / part Removable disk - size Removable disk - spd Avail / withdrawn date Display - type Display - colors	9545-8BJ 540 MB 1 14 ms 0 May 95 / Jun 96 VGA color / 640 x 480 65,536 simultaneous colors	810 14 Se	45-EBK/9545EBK O MB (a) ms (c) pt 95 / Oct 96	9545-EBL /954 1.2 GB 1 12 ms 0 Sept 95 / Oct 9		Data modem function V.22bis (2400 bps) V.32 (9600 bps) V.32bis (14.4 Kbps) Fax modem function G3 fax send/receive (14.4 Kbps) Audio function		
Display - techology Display - diagonal size Display - projector Graphics - controller Graphics - vendor	TFT - active matrix 10.4 inch / 100 to 1 contrast Overhead projector LCD b WD90C24A2 with 1 MB DRA Western Digital / External SV	y removir AM VGA to 10:	24 x 768 w/ 256 co	lors (up to 75 Hz	z)	 Stereo waveform record and playback Qsound™ support (3-D effect) 32 voice MIDI wave table synthesizer SoundBlaster™ support Text to speech (via Monologue) Telephone function 		
Graph - arch/data path Memory - std / max Mem - sockets empty Mem-options available	VL-Bus 2.0 local bus / 32 bit 8 MB / 40 MB 70 ns / parity 1 socket / 5 volt 2, 4, 8, 16, 32 MB ICs or 4, 8, work on optional Memor	nor , 16 MB DI	n-parity Memory ① 1 oper MMs that ory card Adapter ② new D	upgraded via n socket for IC m for 40 MB max o IMM technology	nem- or / for	- Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone Software upgradeable (to 28.8 & DSVD)		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	TrackPoint III™ Re Yes (with option cable)	cludes Min emote Cont 55 F/X	d Path™ 16 MB Ji rol DIMMs c Module A		O ory	PREINSTALLED APPLICATIONS - IBM DOS 7.0 SelectaSystem™ - Windows 3.11 - OS/2 Warp 3.0 (dual boot) w/ selected		
Dimensions Color Weight (with battery)	11.7 x 8.3 x 1.96" (190 cubic Black 6.6 pounds	inches)	Liftable (pop-u access and ren disk, battery, a	nove diskette d		BonusPak - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo		
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / intell 3.3 to 10 hours 1.7 hrs / 1.2 hrs all su	2.6	to 8 hours onal Lithium Ion	(see below)		Online Users Guide ThinkPad Features Program Diskette Factory		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (IEE APM-aware BIOS / Universa	Intelligent battery with a processor to allow accurate monitoring of battery condition and accurate fuel guage. 1 Type III e (IEEE P1284-A, EPP, ECP, bidirectional)				1. Lotus [®] cc:Mail [™] , e-mail for Global [®] network 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0 4. Triton CoSession™ Host 5. PRODIGY®; 6. America Online® 7. SofNet FaxWorks™ Voice™ 3.0		
DSP function Data/fax modem Audio support	Data/fax modem function v 16 bit audio chip on plana Internal speaker (with dial					8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™ (infrared function) 11. Taxi™ 12. AlphaNet™ FollowFax™ 13. SEDONA™ REPRINT™ 14. COMPEL™ Personal Edition		
Audio in/out jacks Telephone Infrared ports	Input jack / output jack Telephone (w/ opt headset) / Infrared ports (front and ba		one					
Security	Power-on password / Hard of security loop / Keyboard lock MicroSaver™ cable lock) / P	k / locking	device keyhole (Ke	assword / Hardw ensington™	vare	 15. Audiofile[®] TalkWorks™ 16. Reuters[™] Money[®] Network 17. Asymetrix 3D F/X 		
Preinstalled software Warranty	IBM DOS 7.0, Windows™ 3.1 3 year - ThinkPad EasyServ	1,OS/2 W	arp Ver 3, and all a	ppls listed to rig Option) or carry-	ht: in	18. Mind Path™ Presentation F/X Pro		
Ships standard w/ Min - Wireless, hand held r - Uses infrared to com away	emote control	Compatible family, 758 - Disks:	e in all ThinkPad 3 5 family: 170 MB IDE 250 MB IDE	60 family, 750 66G284 84G239				
- Includes 5 buttons fo - Permits full control of	mouse resentation F/X software pecial effects trator, spotlight,		340 MB IDE 540 MB IDE 810 MB IDE 1.2 GB IDE (1 slot / 1 bay)	66G284 84G215 84G825 85G856 3545001 3546001	.9 60 62 1 1	FEATURES OF 755CV MODELS Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant		

Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http:\\www.pc.ibm.com) support IBM or dealer warranty/service Online Housecall (remote diagnostics)

66G3520

66G0108

84G1301

66G3689

66G3618

29H8000

std in newer

ThinkPad IC DRAM memory for 700, 720, 750, Cooling Fan Kit (for overhead) 755 families are all compatible. ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at

Works with all Windows applications

ThinkPad 755CV supported batteries:

- NiMH Battery Pack II

- Lithium Ion

Easy-Setup by holding F1 when turning on

- Li-Ion Battery Pack II (Pentium only) 29H9329

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85G1513

85G8561

Port Replicator II

1.44 MB diskette

2.88 MB diskette

PCMCIA Cartridge

FDD External Attachment Kit

Pentium/L2 upgrade (DX4 mod) 85G8609

Options for 755CV:

TV Tuner

IBM® ThinkPad®;	> 755CD		>< 755CD		Thin	nkPad 755CD strengths over 755CE / CSE:		
Processor type L2 cache Processor/L2 upgrade Removable diskette	TFT color - DX4 IntelDX4™ 100/33 MHz None to Pentium 75/50 MHz whi includes 256 KB L2 cac Internal 3.5" 1.44 MB ○ / s	he supports in	64 bit to ternal 2.88 MB disk	MHz ough / 12 ns apped / soldered L2 / 32 bit to mem	⇔ Ro ⇔ Vi ⇔ Jo	 → Mobile multimedia - exceeds MPC2 standard → Removable, double speed, 5.25" CD-ROM → Video card (acceleration, composite in/out) → Joystick/MIDI port → Stereo speakers 		
Removable CD-ROM	Supports PCMCIA Cartrid 5.25" CD-ROM O / doubl	ge in diske e speed / I	tte bay multi-session / X	A / front loaded /	IDE	The left bay (UltraBay™) supports either the		
Price Type - model Removable disk - size Avail / withdrawn date	9545-9BD 9545-9	BE 3 / 14 ms	9545-FBK 810 MB / 14 ms	9545-FBL 1.2 GB / 12 ms Sept 95 / Jun 96		standard diskette drive or standard CD-ROM. CD-ROM ships in this bay from factory. Liftable (pop-up) keyboard to access and		
Display - type Display - techology Display - diagonal size	VGA color / 640 x 480 / 65 Black Matrix TFT - active 10.4 inch / 100 to 1 contra	matrix	iltaneous colors			remove ČD-ROM, diskette drive, disk, battery, and memory		
Graphics - controller Graphics - vendor Graph - arch/data path Memory - std / max	WD90C24A2 with 1 MB D Western Digital / External VL-Bus 2.0 local bus / 32 I 8 MB / 40 MB 70 ns / par	RAM SVGA to 1 oit / Simult				Integrated Mwave™ DSP provides: ① Data modem function - V.22bis, V.32, V.32bis (14.4 Kbps) ② Fax modem function - G3 fax send/receive (14.4 Kbps)		
	2, 4, 8, 16, 32 MB ICs or 4, work on optional Mem	ory Modul	e Adapter	ry upgraded via en socket for IC m	nem-	Audio function Stereo waveform record and playback Qsound support (3-D effect)		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 (8 F Yes (legs pop out) TrackPoint III™ Yes (with option cable)	n key func	② new max of	rd for 20 MB max of DIMM technology F40 MB with 4, 8, of DEC 72 pin SO D	for or 16	- 32 voice MIDI wave table synthesizer - SoundBlaster™ support;Text to speech ③ Telephone function - Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone ⊘ Software upgradeable (to 28.8 & DSVD)		
Dimensions Color Weight(w/batt/CD-ROM)	11.7 x 8.3 x 2.2" (214 cubi Black 7.3 pounds	c inches)	on opti Adapte	onal Memory Mod er.	ule			
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / int 3 to 9 hours 1.7 hrs / 1.2 hrs	elligent	Nickel hydride (N 2.5 to 8 hours 1.7 hrs / 1.2 hrs	iMH) / intelligent Supports optional		PREINSTALLED APPLICATIONS - IBM DOS 6.3 (DOS 7.0 on Pentium mod)		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional); non-DMA APM-aware BIOS / Universal AC adapter (35 watts) / Selectable boot					 Windows 3.11 (dual boot) OS/2 Warp 3.0 w/ selected BonusPak IBM PC Card Director™ for PCMCIA IBM ThinkPad Demo Online Users Guide ThinkPad Features 		
Video function (below) DSP function Data/fax modem Audio support	Daughtercard with video Mwave MDSP2780 DSP v Data/fax modem function 16 bit audio chip on plan Int stereo speakers 5 wa	with mode n via DSP aar with M	ne	Lotus® cc:Mail™, e-mail for Advantis® network; 2. Lotus Organizer™ 1.12 Lotus ScreenCam™ 1.0 Triton CoSession™ Host PRODIGY®; 6. America Online®				
Audio in/out jacks Telephone Infrared ports	Int stereo speakers .5 watts (with dial volume control) / int microphone Input jack / output jack Telephone / answering machine / full duplex speakerphone Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs					7. SofNet FaxWorks™ Voice™ 3.0 8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™; 11. Taxi™		
Security	Power-on password / Hard security loop / Keyboard Id MicroSaver TM cable lock)	ock / Lockir	vare	12. AlphaNet™ FollowFax™ 13. REPRINT™; 14. COMPEL™ PE 15. TalkWorks™: 16. Reuters SM Monev® Ne				
Preinstalled software Warranty	IBM DOS, Windows™ 3.1 3 year - ThinkPad EasySe				-in	17. Asymetrix [®] Digital video Producer [™] 18. Mind Path™ Presentation F/X Pro 19. CD-ROM Catalog/Sampler		
video with scaling ar	deo for Windows™ motion and interpolation of image. d up to full screen without		ible in all ThinkPad 55 family: : 170 MB IDE 250 MB IDE 340 MB IDE	360 family, 750 66G284 84G239 66G284	1	To use diskette and CD-ROM simultaneously, need FDD External Kit and one of four docking solutions ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible		

- Composite in and S-Video in for video capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay (view video on LCD like with a TV, VCR, or approach camcorder without capturing it to disk). So can hook up a TV or VCR and run it on the ThinkPad screen.
- Composite out and S-Video out to TV meaning use a TV as if an external display (connect to video out port; NTSC or PAL); or record on a VCR the contents of the 755CD screen.
- Mini game port for MIDI or joystick (includes MIDI/joystick cable)
- Includes a video in and video out port (includes two video in/out cables)
- Use software called Digital Video Producer™

-	Disks:	170 MB IDE	66G2847/9
		250 MB IDE	84G2391
		340 MB IDE	66G2849
		540 MB IDE	84G2150
		810 MB IDE	84G8250
		1.2 GB IDE	85G8562
-	Dock I	(1 slot / 1 bay)	3545001
-	Dock II	(2 slot / 2 bay)	3546001
-		olicator I (w/ PCMCIA)	66G3510
	Port Rep		66G3520
	1.44 MB		std in newer
-	2.88 MB	diskette	66G0108

ı	O	ptions for 755CD:	
	-	PCMCIA Cartridge	84G1301
	-	NiMH Battery Pack II	85G1513
	-	Lithium Ion Battery (Pentium only)	85G8561
ı	-	Li-Ion Batt Pack II (Pentium only)	29H9329
ı	-	CDPD Mobile Module	71G2560
	-	FDD External Attachment Kit	66G3618
	-	Pentium/L2 upgrade (DX4 mod)	29H8755

750, 755 families are all compatible

FEATURES OF 755CD MODELS

Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant

Personalized nameplate in molded indention

Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin

board, fax, electronic, and Internet (http:\\www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

IBM® ThinkPad®:		tor LCD - DX4	≈ 755CDV TET color - project	ctor LCD - Pentium		ne features as ThinkPad 755CD except udes:		
Processor type L2 cache Processor/L2 upgrade	IntelDX4™ 100/33 None	3 MHz MHz which	Pentium® 75/50 MHz 256 KB write-through / 12ns direct manned / coldered			Overhead projector LCD Supports optional lithium ion battery ∕lind Path™ Remote Control IR55 F/X		
Removable diskette	Internal 3.5" 1.44	MB O / suppor	ts internal 2.88 MB			Integrated Mwave™ DSP provides:		
Removable CD-ROM	Supports PCMCI/ 5.25" CD-ROM C			and XA / front loade	d	① Data modem function - V.22bis (2400 bps)		
Price Type - model / part Removable disk - size Avail / withdrawn date		9545-ABK 810 MB / 14 Jun95 / Jun96	9545GBK 810 MB / 14 ms Sept 95 / Oct 96	9545-GBL 1.2 GB / 12ms Sept 95 / Oct 96		 V.32 (9600 bps) V.32bis (14.4 Kbps) Fax modem function G3 fax send/receive (14.4 Kbps) 		
Display - type Display - techology Display - diagonal size Display - projector	TFT - active mate 10.4 inch / 100 to	ix 1 contrast ratio		ors ludes Stand and Stra	p)	 Audio function Stereo waveform record and playba Qsound™ support (3-D effect) 32 voice MIDI wave table synthesiz SoundBlaster™ support; Text to spe 		
Graphics - controller Graphics - vendor Graph - arch/data path		External SVGA	to 1024 x 768 w/ 2	256 colors (up to 75 Hz and CRT / 180 degree t		Telephone function Full telephone (can use opt headse) Telephone answering machine		
Memory - std / max Mem - sockets empty Mem-options available	2, 4, 8, 16, 32 MB	. ,	odule Adapter ①	emory upgraded via 1 open socket for IC n		- Full duplex speakerphone ⇒ Software upgradeable (to 28.8 & D PREINSTALLED APPLICATIONS		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num Yes (legs pop out TrackPoint III™ Yes (with option of	/ 85 (8 Fn key) Inclu Path	functions) or @ des Mind m Remote M	y card for 40 MB max new DIMM technology ax of 36 MB with 4, 8, B JEDEC 72 pin SO D n optional Memory Mod	or 16 IMMs	 IBM DOS 7.0 SelectaSystem™ Windows 3.11 OS/2 Warp 3.0 (dual boot) w/ selecte BonusPak 		
Dimensions Color Weight (with battery)	11.7 x 8.3 x 2.2" (Black 7.45 pounds	213 cubic inch		dapter.		 IBM PC Card Director™ for PCMCIA IBM ThinkPad Demo Online Users Guide 		
Battery - type Battery - life Charge time - on / off	Nickel hydride (Ni 3 to 9 hours 1.7 hrs / 1.2 hrs	MH) / smart Supports opt Lithium ion	opt n	 ThinkPad Features; Diskette Factor Lotus[®] cc:Mail™, e-mail for Global[®] network; 2. Lotus Organizer™ 1.12 Lotus ScreenCam™ 1.0 				
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features		be II or 1 Type A / One (IEEE I	when turning III P1284-A, EPP, EC		1	 Triton CoSession™ Host PRODIGY®; 6. America Online® SofNet FaxWorks™ Voice™ 3.0 Video For Windows™ 1.1 Runtime Monologue (text to speech) Puma TranXit™; 11. Taxi™ 		
Video function (below) DSP function Data/fax modem Audio support Audio in/out jacks	Daughtercard wi Mwave MDSP27 Data/fax modem 16 bit audio chip Internal stereo s Input jack / output	BO DSP with m function via E on planar wit peakers .5w (v jack	ione	 12. AlphaNet™ FollowFax™ 13. REPRINT™; 14. COMPEL™ PE 15. TalkWorks™; 16. Reuters™ Money® 17. Asymetrix® Digital Video Producer™ 18. Mind Path™ Presentation F/X Pro 19. Asymetrix 3D F/X 20. CD-ROM Catalog/Sampler 				
Telephone Infrared ports			/full duplex speake /IRDA compatib			The left bay (UltraBay™) supports either		
Security	Power-on password / Hard disk password / Supervisor password / Hardware security loop / Keyboard lock / Locking device keyhole (Kensington™ Microsaver cable lock) / PCMCIA card lock					standard dískette drive ór standard CD-ROM. CD-ROM ships in this bay fro factory.		
Preinstalled software Warranty	IBM DOS 7.0, Win 3 year - ThinkPac	dows™ 3.11, O I EasyServ (op	S/2 Warp Version tional Overnight Re	3 and all appls listed to epair Option) or carry-i	right: n	To use diskette and CD-ROM simultaneously, need FDD External Kit and one of		
Enhanced Video Card - Acceleration of 'Video with scaling and	deo for Windows'ä ı	motion fan	mpatible in all Thin nily, 755 family: Disks: 170 MB 250 MB			docking solutions Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, disk, battery, and memory		

- Video may be scaled up to full screen without frame rate degredation.

 Composite in and S-Video in for video
- capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay (view video on LCD like with a TV, VCR, or camcorder without capturing it to disk). So can hook up a TV or VCR and run it on the ThinkPad screen.
- Composite out and S-Video out to TV meaning use a TV as if an external display (connect to video out port; NTSC or PAL); or record on a VCR the contents of the 755CD screen.
- Mini game port for MIDI or joystick (includes MIDI/joystick cable)
- Includes a video in and video out port (includes two video in/out cables)
 Use software called Digital Video Producerä

ramily, 755	ramily:	
- Disks:	170 MB IDE	66G2847/9
	250 MB IDE	84G2391
	340 MB IDE	66G2849
	540 MB IDE	84G2150
	810 MB IDE	84G8250
	1.2 GB IDE	85G8562
 Dock I 		3545001
	(2 slot / 2 bay)	3546001
 Port Rep 	licator I (w/ PCMCIA)	66G3510
 Port Rep 		66G3520
- 2.88 MB	diskette	66G0108
Options for	755CDV:	

NiMH Battery Pack II 85G1513 Lithium Ion battery 85G8561 Li-Ion Batt Pack II (Pentium only) 29H9329 CDPD Mobile Module 71G2560 PCMCIA Cartridge 84G1301

Pentium/L2 upgrade (DX4 mod) 29H8755 Cooling Fan Kit (for overhead) 29H8000

ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible.

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- to speech
- adset)
- & DSVD)

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ither the ay from

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s and sk, battery, and memory Exceeds MPC2 standard

FEATURES OF 755CDV MODELS

Discharge battery via mouse click Battery life indicator Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in molded indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business days average turnaround). Overnight repair option in US available for \$99. ☐ Upgradeable ☐ = Removable; ← = Withdrawn from marketing

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IBM [®] ThinkPad [®] :	>< 760L				Thin	kPad 760L strengths:		
Processor type Processor speed Processor upgrade L2 cache Removable diskette Removable CD-ROM	Internal 3.5" 1.44 I	MHz ough / direct mapp MB ◯ / no rear co	oed / 10 n nnector fo	s / svnchronous / sold	ered UI	tomated tilt up keyboard / palm rest space traBay: 2nd disk, 2nd battery, diskette vo high speed infrared ports tegrated audio / speakers / microphone .7 million simultaneous color LCD		
Price Type - model Preload (see side) Part number	9547-U01 SelectaSys 9547U01 Feb 96 / Oct 96	9547-U0A Windows 95 9547U0A Feb 96 / Oct 96	Pallette of 24 systems 10A 9547-U0R ws 95 Blank 0A 9547U0R / Oct 96 Feb 96 / Oct 96			ifferences between 760L and 760LD: 760L 760L o internal CD-ROM 74" height 5 lbs / 169 cu in 7.11 lbs / 190 cu in upports 12 mm disks Supports 1.2 GB disks		
Display - diagonal size Display - type Display - techology	VGA color / 640 x Black Matrix TFT	- active matrix /	100 to 1 c			GB max capacity tt FDD port Ext. FDD port on back Price		
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBERS External SVGA to VL-Bus 2.0 local b	1024 x 768 w/ 25	6 colors ι		e tilt	-		
Memory - std / max Mem - upgrade		DEC 88 pin EDO	SO DIMM	s of 8 or 16 MB (acts like		SELECTASYSTEMPRELOAD		
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / Automted tilt up I TrackPoint III™ / i Yes (with option ca	ceyboard (5.5 de ntegrated palm (grees)	Liftable (pop-up) k access and remove drive, 1st/2nd disk 1st/2nd battery	diskette	- IBM DOS 7.0 - Windows 3.11 - OS/2 Warp 3.0 (dual boot) w/ selected BonusPak		
Weight (with battery) Battery - type Battery - life (1 batt) Battery - life (2 batt)	11.7 x 8.3 x 1.74" 6.51 pounds NiMH / intelligent / 3 hours 6 hours 1.7 hrs / 1.2 hrs	- IBM PC Card Director™ 3.0 - Online Users Guide - ThinkPad Features Program - Diskette Factory 1. Triton CoSession™ Host 2. PRODIGY®						
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, VL-Bus 2.0 / 32 bit Dock I and II Port Replicator I a 2 Type I or 2 Type One 9 pin; 16550A APM-aware BIOS	:/33 MHz (graph nd II e II or 1 Type III i/one (IEEE P12	,	3. SofNet FaxWorks™ 4. Video For Windows™ 1.1 Runtime 5. Puma TranXit™ 6. CompuServ for Windows 7. NetFinity for Windows and OS/2 WINDOWS 95 PRELOAD				
Motion video accel MPEG decoder DSP function Data/fax modem Audio support Audio in/out jacks Infrared ports Telephone	None None None 16 bit audio chip Int stereo speake Input jack (3.5 mm Infrared ports (fro None	rs / .5 watt / slide) / output jack (3.5	-	 Microsoft Windows 95 Online User's Guide ThinkPad Features Program Diskette Factory Triton CoSession™ Host PRODIGY® SofNet FaxWorks™ Puma TranXit™ Compusery for Windows NetFight Act Windows 				
Security	Power-on passwo device keyhole (Ko keyboard and DIM	ensington™ Micro	Saver™	Supervisor password / cable lock) / Security I / PC Card lock	Locking atch for	9. NetFinity for Windows 95		
Preinstalled software Warranty	Choice of two prelo 3 year - ThinkPad	oaded configurati EasyServ (optior	ons (listed nal Overni	d to right) ght Repair Option) or	carry-in			
The left bay (UltraBay ① 2nd disk ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette dr ⑤ PCMCIA Cartridge ⑥ IBM Wireless Mode (option) Easy-Setup is entered turning on. All 760 systems supp battery in both battery Maximum internal dis 2.16 GB with two 1.08	rive (option) (option) em for ARDIS (option) em for Cellular/CDF d by holding F1 whe ort the NiMH or Li-I v bay and UltraBay. k capacity on 760L	on) - Disk 720 810 1.00 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	s: (360/75 MB HDE MB HDE MB HDE MB GB HDD MC I (1 slot K II (2 slot MB diske MB diske MB diske MB diske MB diske MI Battery MB Litum 120 MB MB AK MB A	DILEIDE 12.5 mn DILEIDE 12.5 mn II (LD/CD only)17 mr Adapter / 1 bay) t / 2 bay) or I (w/ PCMCIA) or II bitte ridge ttery (black) y Pack II (gray) Charger Attachment Kit //60 MHz upgrade	n 29H9383 n 29H9313 n 29H9319	FEATURES OF 760 MODELS Product Map; LCD indicator panel LCD of remaining battery life LCD icons for two batteries Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service		

IBM® ThinkPad®:	≈ 760LD		Thin	hinkPad 760LD strengths:			
	10.4" TFT color - CD-ROM		emovable, 4 x speed, 5.25" CD-ROM				
Processor type Processor upgrade L2 cache Removable diskette Removable CD-ROM	Pentium® 90/60 MHz (P5 to Pentium 120/60 MHz 256 KB / write-through / di 3.5" 1.44 MB ○ / use in Ult 5.25" CD-ROM ○ / 4 x spec EIDE / PIO Mode 3 (ATAPI)	rect mappe traBay or at ed/multi-se	utomated tilt up keyboard / palm rest spac ItraBay: 2nd disk, 2nd battery, diskette wo high speed infrared ports tegrated audio / speakers / microphone 5.7 million simultaneous color LCD				
Price Type - model (part) Preload (see side) Avail / withdrawn date Remv disk - size / ms	SelectaSystem Feb 96 / Oct 96 810 MB / 12 ms / EIDE O	9547-U3A (Windows 99 Feb 96 / Oc / PIO Mode		The left bay (UltraBay™) supports: ① 2nd disk ② 2nd battery ③ std diskette drive ④ std CD-ROM			
Display - diagonal size Display - type Display - techology	10.4 inch VGA color / 640 x 480 / 1 Black Matrix TFT - active					S. 2.88 MB diskette (option) PCMCIA Cartridge (option) IBM Wireless Modem ARDIS (option) IBM Wireless Modem for Cellular/	
Graphics - controller Graphics - external Graph - arch/data path	Tridentä CYBER9320 with External SVGA to 1024 x 7 VL-Bus 2.0 local bus / 32 b	768 w/ 256	colors up to		tilt	CDPD (option)	
Memory - std / max Memory - upgrade	8 MB / 64 MB 70 ns / non 2 sockets for two JEDEC 88	n-parity / 3.3	3 volt / fast p	page		SELECTASYSTEM PRELOAD - IBM DOS 7.0	
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 F Automated tilt up keyboa TrackPoint III™ / integrate Yes (with option cable)	ard (5.5 deg		Windows 3.11 OS/2 Warp 3.0 (dual boot) w/ selected BonusPak IBM PC Card Director™ 3.0 Online Users Guide			
Dimensions Weight (with CD-ROM	11.7 x 8.3 x 1.96" (190 cub) 7.11 pounds	oic inches)	Liftable (ı	pop-up) keyboard to acc	cess	ThinkPad Features Program Diskette Factory	
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	NiMH / intelligent Option	nal ım lon	and remo	ve CD-ROM, diskette di isk, and 1st/2nd battery cceeds MPC2 standard	rive,	 Triton CoSession™ Host PRODIGY® SofNet FaxWorks™ Video For Windows™ 1.1 Runtime Puma TranXit™ 	
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	ISA (EIDE, audio, PCMCIA VL-Bus 2.0 / 32 bit / 33 Mh Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 ⁻ One 9 pin; 16550A / one (I APM-aware BIOS / Univer	nz (graphics Type III EEE P1284		6. CompuServ for Windows 7. NetFinity for Windows and OS/2 WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide - ThinkPad Features Program			
Motion video accel MPEG decoder DSP function Data/fax modem Audio support	None None None 16 bit audio chip / 18 void Int stereo speakers / .5 w Input jack (3.5 mm) / Outpu	att / slide v	one	- Diskette Factory 1. Triton CoSession™ Host 2. PRODIGY® 3. SofNet FaxWorks™ 4. Puma TranXit™ 5. Compuserv for Windows 9. NetFinity for Windows 95			
Telephone Infrared ports	None Infrared ports (front and						
Security	Power-on password / Hard device keyhole (Kensingto keyboard and DIMMS (req	on™ MicroS quires Kens					
Preinstalled software Warranty	Choice of two preload cont 3 year - ThinkPad EasySe	figurations (erv (optional	n				
Differences between 7	760L/LD and 760C/CD:	- Disks: 720 N	(360/750/7 //B HDD II E		9383		
Pentium 90/60 MHz All 10.4" TFT VGA 640 x 480 I CD	Pentium 120/60 or 90/60 10.4" or 12.1" TFT SVGA 800 x 600 LCD	1.08	/IB HDD II E GB HDD II :B HDD II (L		319	Easy-Setup is entered by holding F1 when turning on.	

Mwave DSP None 28.8 modem / DSVD None 18 voice FM synthesis 32 voice wavetable syn. NiMH battery Type is 9547 Li-Ion battery Type is 9546

All 760 systems support the NiMH or Li-Ion battery in both battery bay and UltraBay.

Maximum internal disk capacity on 760LD is 2.4 GB with two 1.2 GB disks.

"		
-	Disks: (360/750/755 IDE disks not s	
	720 MB HDD II EIDE 12.5 mn	129H9383
	810 MB HDD II EIDE 12.5 mn	129H9313
		129H9319
	1.2 GB HDD II (LD/CD only)17 mm	
	Second HDD Adapter	29H9333
	Dock I (1 slot / 1 bay)	3545001
	Dock II (2 slot / 2 bay)	3546001
-	Port Replicator I (w/ PCMCIA)	66G3510
-	Port Replicator II	66G3520
-	2.88 MB diskette	66G0108
	PCMCIA Cartridge	84G1301
-	760 NiMH Battery (black)	41H9720
-	Li-Ion Battery Pack II (gray)	29H9329
	Travel Quick Charger	85G1522
-	FDD External Attachment Kit	66G3618
-	Pentium 120/60 MHz upgrade	29H9340
-	Car Battery Adapter	49G2167
-	ThinkPad AC Adapter (50 watts)	66G3541
-	8 MB SO DIMM 3.3v non-parity EDO	92G7315
- 1	16 MB SO DIMM 3.3v non-parity EDO	92G7316
	ThinkPad headset	85G1301
	Thirtie da Hoddoot	0001001

FEATURES OF 760 MODELS

Product Map; LCD indicator panel
Plug and Play 1.0a
Discharge battery via mouse click
Non-disruptive battery exchange
Standby, suspend, and hibernation modes
US EPA Energy Star compliant
Personalized nameplate in indention
Personalization screen at startun Personalization screen at startup
International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). Overnight repair option in US available for \$99. O = Removable

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IBM® ThinkPad®;	< 760C		Think	inkPad 760C strengths:					
Processor type Processor speed Processor upgrade L2 cache Removable diskette Removable CD-ROM	90/60 or 120/60 MHz (see below) to Pentium 120/60 MHz 256 KB / write-through / direct mapped / 10 ns / synchronous / soldered Internal 3.5" 1.44 MB (in UltraBay)						up keyboard and palm rest space rgest notebook display models 12.1 incl raBay: 2nd disk, 2nd battery, diskette egrated 28.8 Kbps modem, audio, telephon o high speed infrared ports		
Price Type - model all 9546 Preload (see side) Pentium speed Remv disk - size / ms Avail / withdrawn date	SelectaSys Win 95 90/60 MHz 720 MB / 13 ms / EIDEO	U22 SelectaSys 90/60 MHz 720 MB / 13 i Oct 1995 / Oc	ms / EIDEO	U27 SelectaSys 120/60 MHz 720 MB / 13 r Nov 1995 / O	ns / E	IDEO	U28 U2J SelctaSys Win 95 120/60 MHz 1.08 GB / 13 ms / EIDEO Jan 1996 / Oct 1996		
Display - diagonal size Display - type Display - techology	SVGA color / 640 x 480 Black Matrix TFT - activ	e matrix / 100	to 1 contrast		rs		12.1 inch		
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBER9320 w External SVGA to 1024 x VL-Bus 2.0 local bus / 32	c 768 w/ 256 cc	olors up to 75		egree	tilt			
Memory - std / max Mem - upgrade Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	8 MB / 64 MB 70 ns / non-parity / 3.3 volt / fast page 2 sockets for two JEDEC 88 pin EDO SO DIMMs of 8 or 16 MB (acts like fast page) Full size alp/num / 85 (8 Fn key functions) Automated tilt up keyboard (5.5 degrees) TrackPoint III™ / integrated palm rest Yes (with option cable) Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/2nd battery						SELECTASYSTEM PRELOAD - IBM DOS 7.0 - Windows 3.11		
Dimensions (cubic in) Weight (with battery) Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	10.4" models: 11.7 x 8.3 10.4" models: 6.1 pound 10.4" models: Lithium lo 10.4" models: 3.8 hours 10.4" models: 7.6 hours 10.4" models: 2 to 3 hrs	s n/intelligent <i>Opt</i> <i>NiMH</i>	12.1" models 12.1" models 12.1" models 12.1" models	s: 7 hours	intellig Opt NiMH	gent	 OS/2 Warp 3.0 (dual boot) with selected BonusPak IBM PC Card Director™ 3.0 Online Users Guide ThinkPad Features Program Diskette Factory Lotus® cc:Mail™, e-mail for IBM Global® 		
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	VL-Bus 2.0 / 32 bit / 33 M Dock I and II Port Replicator I and II 2 Type I or 2 Type II or One 9 pin; 16550A / one	IHz (graphics) Type III (IEEE P1284-/	diskette, serial, parallel, 240 pin ext expansion) (graphics) 3. Lotus ScreenCam™ 4. Triton CoSession™ Host; 5. PRODIC 6. SofNet FaxWorks™ Voice™ 7. Video For Windows™ 1.1 Runtime 8. Puma TranXit™ 9. COMPEL™ PE 10. Mind Path Presentation F/X Pro						
Motion video accel MPEG decoder DSP function Data/fax modem Audio support Audio in/out jacks Infrared ports Telephone	None None Mwave MDSP2780 DSP with modem, fax, audio, telephony function Data/fax modem function via DSP (v.34 to 28.8 Kbps) / Mwave 2.0 16 bit audio chip on planar with Mwave DSP Int stereo speakers / .5 watt / slide volume control / internal microphone Input jack (3.5 mm) / output jack (3.5 mm) Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs Telephone / answering machine / full duplex speakerphone						 Internet for Windows Compusery for Win; 13. WIN32s Runtin NetFinity for Windows and OS/2 Complimentary Applications CD-ROM Lotus SmartSuite 4.0 CD-ROM WINDOWS 95 PRELOAD Microsoft Windows 95 Online User's Guide ThinkPad Features Program 		
Security	Power-on password / Ha device keyhole (Kensing keyboard and DIMMS (re	ton™ MicroSav	ver™ cable lo	ock) / Security la	Locki atch fo	ng or	 Diskette Factory Lotus[®] cc:Mail[™], e-mail for IBM Global[®] network; Lotus Organizer[™] 		
Preinstalled software Warranty	Choice of two preloaded 3 year - ThinkPad EasyS				n) or ca	arry-in	_ o. contoct axtronto toloc		
The left bay (UltraBay ① 2nd disk (requires \$ ② 2nd battery ③ std diskette drive ④ 2.88 MB diskette dr	Bay™) supports: res Second HDD Adapter) res Second HDD Adapter					9383 9319	- Lotus SmartSuite 96 CD-ROM FEATURES OF 760 MODELS Product Map; LCD indicator panel LCD of remaining battery life LCD icons for two batteries Plug and Play 1 00		
⑦ IBM Wireless Mode (option)	- Second HDD Adapter 29H9333 - Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock I (2 slot / 2 bay) 3546001 - Port Replicator I (w/ PCMCIA) 66G3510 - Port Replicator II 66G3520				001 001 3510 3520				
2.16 GB with two 1.08 Easy-Setup is entered turning on.	d by holding F1 when - PCMCIA Cartridge 84G1301 - 760 NiMH Battery (black) 41H9720 - Li-lon Battery Pack II (gray) 29H9329					0108 1301 0720 0329	Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention		
Data modem funct Fax modem funct Audio function (w Telephone functio Full duplex speak	rave™ DSP provides: In function (to 28.8 Kbps) In function (to 14.4 Kbps) Intion (wave table synthesis) Intion (wave table s					3618 9 340 2167 3541 7315	Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics		

IBM® ThinkPad®:	< 760CD				Thin	kPad 760CD etropaths over 760C	
	12.1" TFT color - CD-ROM				1	kPad 760CD strengths over 760C: obile multimedia - MPC2 compliant	
Processor type Processor upgrade L2 cache Removable diskette Removable CD-ROM	Pentium® 90/60 or 120/60 to Pentium 120/60 MHz fro 256 KB / write-through / dir 3.5" 1.44 MB ○ / use in Ult 5.25" CD-ROM O / 4 x spee EIDE / PIO Mode 3 (ATAPI)	m̀ 90/60 É ect mapped / 1/ raBay or attach	0 ns / sync	chronous / soldered	emovable, 4 x speed, 5.25" CD-ROM deo card (acceleration, composite in/out) bystick/MIDI port PEG-1 and MPEG-2 HHR decoder		
	9546-U11 SelectaSystem 90/60 Mhz Oct 95 / Oct 96 1.2 GB / 12 ms / EIDE O /	95 Select z 120/60 Oct 96 Jan 96	aSystem MHz 6 / Oct 96	9546-U1C Windows 95 120/60 MHz Jan 96 / Oct 96		Integrated Mwave™ DSP provides: ① Data modem function - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps) ② Fax modem function - G3 fax send/receive (14.4 Kbps) ③ Audio function - Stereo waveform record and playback	
Display - diagonal size Display - type Display - techology	12.1 inch SVGA color / 640 x 480 or Black Matrix TFT - active					 Geound support (3-D effect) 32 voice MIDI wave table synthesizer SoundBlaster™ support / text to speech 	
Graphics - controller Graphics - external Graph - arch/data path	Trident™ CYBER9320 with External SVGA to 1024 x 7 VL-Bus 2.0 local bus / 32 b	68 w/ 256 colo	rs up to 75 us LCD ar	5 Hz nd CRT / 180 degree	tilt	- MPEG audio decode Telephone function - Full telephone (can use opt headset)	
Memory - std / max Memory - upgrade	8 MB / 64 MB 70 ns / non 2 sockets for two JEDEC 88	pin EĎO SO DIN	MMs of 8 oi	16 MB (acts like fast p		 Telephone answering machine Full duplex speakerphone Digital Simultaneous Voice Data 	
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Find Automated tilt up keyboat TrackPoint III™ / integrate Yes (with option cable)	rd (5.5 degrees	(a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	t bay (UltraBay™) supports: disk; ② 2nd battery liskette drive; ④ CD-ROM MB diskette (option) ICIA Cartridge (option)		SELECTASYSTEMPRELOAD - IBM DOS 7.0 - Windows 3.11 - OS/2 Warp 3.0 (dual boot) w/ selected	
Dimensions Weight (with CD-ROM)	<u> </u>	,	® IBM	Wireless Modem ARDIS (o Wireless Modem for Cellula PD (option)		BonusPak - IBM PC Card Director™ 3.0	
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent op 3.1 hours Nii 6.2 hours 2 to 3 hrs / 1.5 to 2.5 hrs	<i>MH</i> <i>Lii</i> an	d remove	<i>p-up) keyboard</i> to ac CD-ROM, diskette c s, and 1st/2nd batter	drive,	 Online Users Guide ThinkPad Features; Diskette Factory Lotus[®] cc:Mail™, e-mail for IBM Global[®] network; 2. Lotus Organizer™ 	
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	ISA (EIDE, audio, PCMCIA VL-Bus 2.0 / 32 bit / 33 Mh Dock I and II Port Replicator I and II 2 Type I or 2 Type II or 1 T One 9 pin; 16550A / one (II	, diskette, serial z (graphics, AC E ype III EEE P1284-A, I	, parallel, e SII) Easy-Setu vhen turnii EPP, ECP	i) ng F1	3. Lotus ScreenCam [™] 4. Triton CoSession [™] Host; 5. PRODIGY [®] 6. SofNet FaxWorks [™] Voice [™] 7. Video For Windows [™] 1.1 Runtime 8. Puma TranXit [™] ; 9. COMPEL [™] PE 10. Mind Path Presentation F/X Pro 11. Internet for Windows		
Other features Motion video (below) MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports Security	APM-aware BIOS / University Video acceleration / comp MPEG-1 & MPEG-2 Half H Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plans Int stereo speakers / .5 w Input jack (3.5 mm) / Output Telephone / answering mainfrared ports (front and Power-on password / Hard device keyhole (Kensingto	osite and S-Vic orizontal Reso ith modem, fa via DSP (v.34 ar with Mwave att / slide volui tjack (3.5 mm) chine / full duple back) / IrDA 1.0 disk password	deo in/out. blution (HI x, audio, 1 to 28.8 KI DSP me contro / Joystick/ ex speaker 0 compati / Supervis	/ game port (ASCII V7 HR) decoder (MPEG(telephony function ops) / Mwave 2.0 bl / internal microphom MIDI port (includes car phone ible / up to 115 kbs sor password / Lockir	7325) CD1) one able)	 12. Compuserv for Win; 13. WIN32s Runtime 14. NetFinity for Windows and OS/2 15. Asymetrix® Digital Video Producer™ Catalog/Sampler CD-ROM Complimentarry Applications CD-ROM MPEG Sampler CD-ROM Lotus SmartSutie 4.0 CD-ROM WINDOWS 95 PRELOAD Microsoft Windows 95 Online User's Guide ThinkPad Features; Diskette Factory Lotus® or Mail™ and mail for IRM Clobal® 	
Preinstalled software	keyboard and DIMMS (req Choice of two preload conf	uires Kensingto gurations (liste	on) / PC Ca d to right)	ard lock		Lotus [®] cc:Mail™, e-mail for IBM Global [®] network; 2. Lotus Organizer™ ScreenCam™	
Warranty	3 year - ThinkPad EasySe		•	, , ,	in	4. Triton CoSession™ Host; 5. PRODIGY® 6. SofNet FaxWorks™ Voice™	
MPEG motion video tion of image. Video screen without frame Composite in and Scapture (capture and or VCR), still image digitize still photo im video on LCD like we camcorder without composite out and meaning use a TV a (connect to video of or record on VCR the Mini game port for Includes a video in a (includes two video of Use software called Plays back MPEG I	deo for Windows™ and with scaling and interpolation may be scaled up to full e rate degredation. S-Video in for video didigitize video from a TV capture (capture and lages), and overlay (view ith a TV, VCR, or capturing it to disk). Is S-Video out to TV is if an external display ut port; NTSC or PAL); le screen of 760CD. MIDI or joystick and video out ports in/out cables) Digital Video Producer™ motion videos, CD-Is, and Karaoke MPEG	720 MB H 1.08 GB H 1.2 GB H Second HE Dock I (1 s Dock II (2 s Port Replic 1.44 MB di 2.88 MB di PCMCIAC 760 NiMH Li-lon Batl Travel Quic FDD Exteri Pentium 1: Car Battery 8 MB SO I	O/750/755 IDD II EID II DD II EID DD II (DD DD Adapte lot / 1 bay slot / 2 bay sator I (w/ I sator II) skette skette sartridge Battery (b tery Pack ck Charge nal Attach 20/60 MHz y Adapter y Adapter OIIMM 3.3v DIIMM 3.3v DIIMM 3.3v TrackPoint	IDE disks not support E 12.5 mm 29H9 DE 12.5 mm 29H9 only) 17 mm 29H9) 3545() 3546(CMCIA) 66G3 std in ne 66G0 84G1 lack) 11 (gray) 29H9 r 85G1 ment Kit 66G3 enon-parity EDO 92G7 non-parity EDO 92G7	3833 3319 3325 3333 3001 001 001 001 001 001 001 001 0	7. Puma TranXit™ 8. Compuserv for Windows 9. Mind Path Presentation F/X Pro 10. COMPEL Personal Edition 11. Asymetrix® Digital Video Producer™ - Catalog/Sampler CD-ROM - MPEG Sampler CD-ROM - Lotus SmartSuite 96 CD-ROM FEATURES OF 760 MODELS Product Map; LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service	

IIM ThinkPad 760EL - withdrawn

IBM [®] ThinkPad [®] :	< 760EL
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	1.3" DSTN color or 12.1" TFT color - thick Pentium ^a 100/66, 120/60, or 133/66 / 64 bit to L2 cache / 64 bit to mem o Pentium 133/66 MHz which includes 256 KB L2 cache None (not separately upgradeable) 8.5" 1.44 MB O / use in UltraBay or attach externally via rear ext FDD port External FDD port (requires FDD External Attachment Kit 66G3618) None / can upgrade to 4 x, 6 x, or 8 x CD-ROM into UltraBay
Price Type - model Preload (see side) Available date Pentium speed Remv disk - size / ms Disk controller	Pallette of 24 systems 9547-U6F 9547-U4F 9547-U6R U4S U4H U48 9547-U4R 9547-U4R Win 95 Win 95 May 1996
Display - size and type	
Display - techology	11.3" SVGA color / 640 x 480 or 800 x 600 256 simultaneous colors / Dual Scan / 30 to 1 contrast ratio Black Matrix TFT - active matrix / 100 to 1 contrast ratio
Graphics - controller Graph - arch/data path Gaphics - features	Frident™ CYBER9320 / 32 bit SVGA accelerator / 1 MB EDO DRAM / 70 ns PCI 2.1 / 32 bit / external SVGA to 1024 x 768 w/ 256 colors Simultaneous LCD and CRT / 180 degree tilt 810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4 1.2 GB = DMA Mode 1 or PIO Mode 3
Memory - std / max Memory - features	B MB / 72 MB or 104 MB 8 MB / 72 or 104 8 MB / 72 MB or 104 MB 16 MB / 80 MB or 104 MB 16 MB / 80 or 104 MB 70 ns / non-parity / 3.3 volt / EDO / 2 sockets for two JEDEC 144 pin EDO SO DIMMs of 8, 16, 32 MB
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 Fn key functions) Automated tilt up keyboard (5.5 degrees) FrackPoint IIIä / integrated palm rest / ext keyboard support (with option cable) - Microsoft Windows 95 - Online User's Guide
Dimensions Weight	11.3" models: 11.7 x 8.3 x 1.98" (192)
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	- Diskette Factory 11.3" models: 3.1 hours 11.3" models: 3.3 hours 12.1" models: 3.3 hours 12.1" models: 6.6 hours 12.1" models: 6.6 hours 13.5" models: 6.2 hours 14.5 to 2.5 hrs
Architecture	SA (audio, diskette, serial, parallel, infrared, ext expansion) 4. Puma TranXit™ 5. Compuserv for Windows
Docking Station Port replicator PC Card Standard slot Serial / parallel ports Other features	PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, CardBus, ext expansion) Dock I and II / SelectaDock I and II Port Replicator I and II / SelectaDock Base Model I Type I or 2 Type II or 1 Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible Doe 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) APM-aware BIOS / Slim AC Adapter 2 prong (35 watts) / Selectable boot 6. NetFinity for Windows 95 Lotus SmartSuite 96 CD-ROM OS/2 WARP CONNECT PRELOAD 1 IBM OS/2 Warp Connect Version 3 with WIN-OS/2 with Bonus Pak applications
Video in/out MPEG decoder DSP function Data/fax modem Audio support	None Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/ 2nd battery, and other UltraBay options 2nd battery, and other UltraBay options 2nd battery, and other UltraBay options 5 bit audio chip / 20 voice MIDI FM synthesis / ESS1688 - Online User's Guide - ThinkPad Features Program - PC Card Director 4.0 - Diskette Factory 1. Trition CoSession™ Host;
Jacks Telephone Infrared ports	nt stereo speakers / .5 watt / slide volume control / internal microphone nput jack (3.5 mm) / Output jack (3.5 mm) None nfrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs 2. Puma TranXit™ 3. NetFinity for OS/2 4. Prodigy - Lotus SmartSuite 4.0 (entitled to SSuite 96)
Security	Power-on password / Hard disk password / Supervisor password / Locking device keyhole (Kensington™ cable lock) / Security latch for keyboard and DIMMS (requires Kensington) / PC Card lock / Personalization / Security Plate BLANK PRELOAD - License for SmartSuite
Preinstalled software Warranty	Windows 95 with applications (listed on right) Note: ThinkPad 760E supported disks: - 720 MB HDD II EIDE 12.5 mm 29H9383
The left bay (UltraBar 1) 2nd disk (requires 2) 2nd battery 3) std diskette drive 4) 2.88 MB diskette d 5) PCMCIA Cartridge 6) IBM Wireless Mode (option) Maximum internal dis 4.2 GB with two 2.1 (Easy-Setup is entere turning on. ThinkPad 760EL sup - 760 NiMH Battery (- Li-lon Battery Pack - Travel Quick Charg - Car Battery Adapte	- Second HDD Adapter - Second HDD Adapter - Dock I (1 slot / 1 bay) - Dock II (2 slot / 2 bay) - SelectaDock II - SelectaDock II - Port Replicator I (w/ PCMCIA slots) - Port Replicator II - SelectaDock Base Model I - Port Replicator II - SelectaDock Base Model I -

ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 3 business day average turnaround). ○ = Removable
Models U4F, U4H, U4R, U4S, U48 withdrawn effective January 1997; U6F eff July 1997

All trademarks are the property of their respective owners No warranties are expressed or implied in this summary (760EL) Compiled by Roger Dodson, IBM. June 1997

IBM ThinkPad 760EL (Fall 1996 models) - withdrawn

IBM [®] ThinkPad [®] :	≈ 760EL 11.3" SVGA DSTN or 12.1	" SVGA TFT - thick				
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	to Pentium 133/66 MHz wi None (not separately upgra 3.5" 1.44 MB ○ / use in UI External FDD port (require	66 / 64 bit to L2 cache / 64 bit to mem hich includes 256 KB L2 cache ideable) 256 KB / write-back / direct n ItraBay or attach externally via rear e es FDD External Attachment Kit 66G otional CD-ROM into UltraBay	napped / 10 ns / ext FDD port	synchronous pipelir	ned burst	
Price Type - model Preload (see side) Avail / withdrawn date Pentium speed Remv disk - size / ms Disk controller	9547-U6H Windows 95 October 1996 / July 1997 120/66 MHz 1.35 GB / 13 ms O EIDE / busmaster / PCI 2.	9547-U4G Windows 95 October 1996 / October 199 133/66 MHz 2.1 GB / 13 ms O 1 / supports two internal disks	e) 96 / April 1997 z 8 ms O	9547-U4K Windows NT 4.0 Nov 1996 / July 1997 133/66 MHz 2.1 GB / 13 ms O		
Display - size and type	11.3 inch DSTN	12.1 inch TFT	12.1 inch T		12.1 inch TFT	
Display - techology		Dual Scan / 30 to 1 contrast ratio	Black Matrix T	FT - active matrix /	00 x 600 / 65,536 colors 100 to 1 contrast ratio	
Graphics - controller Graph - arch/data path	PCI 2.1 / external SVGA to			ER9385/64 bit SVG rnal SVGA to 1024 x	A/1 MB EDO DRAM/70 ns x 768 w/ 256 colors	
Graphics - features	Simultaneous LCD and CF		16 MB / 90	MD or 104 MD	1 22 MP/90 MP ov 104 MP	
Memory - std / max Memory - features		16 MB / 72 MB or 104 MB / EDO / 2 sockets for 2 JEDEC 144 p			•	
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 Find Automated tilt up keyboat TrackPoint III™ / integrate		ith option cable	- Microsoft Winde		
Dimensions Weight		1.98" (192) 12.1" models: 11.7 x 8	.3 x 2.0" (194)	Online User's G ThinkPad Featu PC Card Direct	ıres	
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent 11.3" models: 2.7 hours 11.3" models: 5.4 hours 2 to 3 hrs / 1.5 to 2.5 hrs	(optional NiMH battery supported) 12.1" models: 3.0 hour 12.1" modles: 6.0 hour	s	- Diskette Factor 1. Triton CoSession 2. Puma TranXit™ 3. Compusery for	y on™ Host	
Architecture Docking Station Port replicator PC Card Standard slots	ISA (audio, diskette, serial PCI 2.1/32 bit/33 Mhz (E Dock I and II / SelectaDoc Port Replicator I and II / Se 2 Type I or 2 Type II or 1 Ty		ite 96 CD-ROM NT 4.0 PRELOAD ows NT 4.0 Workstation			
Serial / parallel ports Other features	APM-aware BIOS / Slim A	EEE P1284-A, EPP, ECP, bidirection C Adapter 2 prong (35 watts) / Select	NT model with 32 MB consists of 8 MB on planar, 8 MB in memory carrier, and			
Video in/out MPEG decoder DSP function	None None	Liftable (pop-up) keyboard to acc remove diskette drive, 1st/2nd di 1st/2nd battery, and other UltraB	sk, and		D-DIMM. One SO-DIMM	
Data/fax modem Audio support Jacks	Int stereo speakers / .5 wat Input jack (3.5 mm) / output	ce MIDI FM synthesis / ESS1688 tt / slide volume control / internal micr t jack (3.5 mm)	ophone	BLANK PRELOAD - License for SmartSuite ThinkPad 760EL supported batteries:		
Telephone Infrared ports	None Infrared ports (front and	back) / IrDA 1.0 compatible / up to	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167 ThinkPad 760E supported disks:			
Security	Power-on password / Hard Security keyhole (requires DIMMS (requires cable) / F	d disk password / Supervisor passwor cable) / Security latch for keyboard a PC Card lock / Personalization / Secu				
Preinstalled software Warranty	Windows 95 with application 3 year - ThinkPad EasySe	ons (listed on right) rv (optional Overnight Repair Option)	or carry-in	- (360/750/755 ID	E disks not supported)	
 2 2nd battery 3 std diskette drive 2 2.88 MB diskette dr 5 PCMCIA Cartridge IBM Wireless Mode (option) Maximum internal dis 	ive (option) (option) em for ARDIS (option) em for Cellular/CDPD k capacity on 760EL is	Compatible in ThinkPad 760EL fami - Second HDD Adapter - Dock I (1 slot / 1 bay) - Dock II (2 slot / 2 bay) - IDE Conversion Card (for Dock II - SelectaDock II - SelectaDock III - Port Replicator I (w/ PCMCIA slo	29H9333 3545001 3546001) 46H5994 3547001 3547002 3547003 is) 66G3510 66G3520	- 810 MB HDD III - 1.08 GB HDD II - 1.2 GB (1.96"+n - 1.4 GB HDD 3L - 2.1 GB (1.96"+n - 3.0 GB (1.96"+n	nel	
4.2 GB with two 2.1 G Easy-Setup is entered		SelectaDock Base Model I 2.88 MB diskette PCMCIA Cartridge (one Type III)	39H7405 66G0108 84G1301	Discharge battery Non-disruptive bat	via mouse click tery exchange	
turning on. 810 MB = DMA Model 1.08 GB = DMA Model 1.2 GB = DMA Model 1.35 GB = DMA Model 2.1 GB = DMA Model	e 2 or PIO Mode 4 e 1 or PIO Mode 3 e 2 or PIO Mode 4 e 2 or PIO Mode 4	- FDD External Attachment Kit - Pentium 133/66 MHz/L2 upgrade - 35 watt AC Adapter (slim, 4 pin) - 4 x CD-ROM (UltraBay) - 6 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 - 20 x CD-ROM (UltraBay) - 8 MB SO DIMM 3.3v NP EDO 64 b	66G3618 46H5991 76H0119 39H7413 85G1957 45H8786 00K7903	hibernation mode US EPA Energy St Personalized name Personalization sc International War 24 hour / 7 day tel	tar compliant eplate in indention reen at startup ranty Service	
Maximum is 80 MB or models, but 104 MB re Proven vendor option.	equires a ThinkPad	- 16 MB SO DIMM 3.3V NP EDO 64 - 32 MB SO DIMM 3.3V NP EDO 64	bit 92G7341	(http://www.pc.i IBM and dealer wa	ibm.com) support	

ThinkPad 760ELD - withdrawn

IBM [®] ThinkPad [®] :	★ 760ELD 12.1" TFT color - CD-ROM	1					
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 100/66 (P54LM to Pentium 133/66 MHz w None (not separately upgr. 3.5" 1.44 MB () / use in UI External FDD port (require 5.25" CD-ROM () / 4 x sp EIDE / PIO Mode 3 (ATAI	n) / 64 bit to hich includ adeable) traBay or a es FDD Ext eed / mult	utton	WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide - ThinkPad Features - PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host; 2. PRODIGY® 3. SofNet FaxWorks™ Fax 4. Puma TranXit™ 5. Compusery for Windows 6. NetFinity for Windows 95 - Lotus SmartSuite 96 CD-ROM			
Remv disk - size / ms Disk controller	9547-U3F Windows 95 May 1996 / 1997 810 MB / 13 ms 〇 / DMA N Enhanced IDE / busmaste	r / PCI 2.1 /					
Display - techology Graphics - controller Graph - arch/data path	Black Matrix TFT - active Trident™ CYBER9320 / 32 PCI 2.1 / 32 bit	matrix / 10	accelerator / 1 MB EDO DRAM / 70 r				
Gaphics - features Graphics - external Memory - std / max Memory - upgrade	Simultaneous LCD and CF External SVGA to 1024 x 7 8 MB / 72 MB 70 ns / non 2 sockets for two JEDEC	768 with 25 -parity / 3.3	6 colors				
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 F Automated tilt up keyboa	n key funct a rd (5.5 dec	ions)	cable)			
Dimensions Weight (with CD-ROM) Battery - type	11.7 x 8.3 x 2.14" (208 cub 7.28 pounds (3.30 kg) Lithium Ion / intelligent <i>opi</i>		Liftable (pop-up) keyboard to ac				
Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off		ИН 	and remove CD-ROM, diskette of 1st/2nd disk, and 1st/2nd batter				
Architecture Docking Station Port replicator	Dock I and II / SelectaDoc Port Replicator I and II / Se	EľDE, grapi ck I, II and electaDoc	hics, CardBus, ext expansion) III k Base Model I	otible			
Serial / parallel ports Other features	One 9 pin; 16550A / one (II APM-aware BIOS / Slim A	ÉEE P1284	rdBus 32 bit PCI / PCMCIA 2.1 compa I-A, EPP, ECP, bidirectional) 2 prong (35 watts) / Selectable boot		Easy-Setup is entered by holding F1 when turning on.		
Video in/out MPEG decoder DSP function Data/fax modem	None None None				810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4 1.2 GB = DMA Mode 1 or PIO Mode 3		
Audio support Jacks Telephone Infrared ports	Input jack (3.5 mm) / Outpu None	tt / slide vol it jack (3.5 r	ume control / internal microphone		ThinkPad 760 ELD supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H938 - 810 MB HDD II EIDE 12.5 mm 29H931 - 1.08 GB HDD II EIDE 12.5 mm 29H931		
Security	Power-on password / Hard device keyhole (Kensingto DIMMS (requires Kensingto	d disk passv n™ cable l ton) / PC Ca	word / Supervisor password / Lockir ock) / Security latch for keyboard a ard lock / Personalization / Security	and	- 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414 - 3.0 GB (1.96"+ models) 17 mm 45H8789		
Preinstalled software Warranty	Windows 95 with application 3 year - ThinkPad EasySe	rv (òptional	l Overnight Repair Option) or carry-i	-in	- 5.1 GB (1.96" or higher models) 00K7902 ThinkPad 760E supported batteries:		
The left bay (UltraBay ① 2nd disk ② 2nd battery ③ std diskette drive ④ CD-ROM	,	- Secon - Dock I - Dock I	ole in ThinkPad 760ELD family: d HDD Adapter 29H9: (1 slot / 1 bay) 35450 I (2 slot / 2 bay) 35460 onversion Card (for Dock I/II) 46H5	001 001	- 760 NiMH Battery (black) - Li-lon Battery Pack II (gray) - Travel Quick Charger - Car Battery Adapter 41H9720 29H9329 85G1522 49G2167		
© PCMCIA Cartridge (2.88 MB diskette (option) PCMCIA Cartridge (option) IBM Wireless Modem ARDIS (option) IBM Wireless Modem for Cellular/ - SelectaDock I 3547001 - Port Replicator I (w/ PCMCIA slots) 66G3510 - Port Replicator II 66G3520 - SelectaDock Base Model I 39H7405				FEATURES OF 760 MODELS Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click		
All 760 systems suppo battery in both battery Maximum internal disl 2.4 GB with two 1.2 G	bay and UltraBay. k capacity on 760ELD is	- FDD E - Pentiu - 4 x CD - 6 x CD - 8 x CD - 8-20 x - 8 MB S - 16 MB	Actining (offer type III) ixternal Attachment Kit m133/66 MHz/L2 upgrade ixternal Attachment Kit m133/66 MHz/L2 upgrade ixternal Attachment Kit 66G3 46H5: 39H7: 39H7: -ROM (UltraBay) FOR (UltraBay) CD-ROM (UltraBay) CD-ROM (UltraBay) O0K7: SO DIMM 3.3v NP EDO 64 bit 92G7 SO DIMM 3.3v NP EDO 64 bit 92G7	3618 5991 7413 1957 3786 7903 7340 7341	Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

ThinkPad 760E (SVGA) - withdrawn

IBM [®] ThinkPad [®] :	760E 12.1" SVGA TFT - thick	≈ 760E 12.1" SVGA TET - thin		Key differences between 760E and 760ED:		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM Price Type - model	Pentium® 120/60 or 13: to Pentium 133/66 MHz f 256 KB / write-back / direc 3.5" 1.44 MB O / in Ultra External FDD port	3/66 (P54LM) / 64 bit to L2 rom 120/60 ct mapped / 10 ns / synchror Bay None None / can not install a C	nous pipelined burst	760E No std CD-ROM No video in/out No joystick/MIDI port No MPEG decoder Lighter Price 760ED Standard CD-ROM Video in/out and cable Joystick/MIDI port MPEG decoder Heavier Price		
Preload (see side) Avail / withdrawn date Pentium speed Remv disk - size / ms Disk controller	Windows 95 Blank May 1996 / Jan 1997 120/60 MHz 1.2 GB / 12 ms ○ EIDE / busmaster / PCI 2 12.1 inch SVGA color / 0	Windows 95 May 1996 / Jan 1997 120/60 MHz 810 MB / 13 ms O 2.1 / supports two internal of 640 x 480 or 800 x 600 / 65; re matrix / 100 to 1 contrast	Windows 95 May 1996 / Jan 1997 133/66 MHz 1.08 GB / 13 ms O disks 536 simultaneous co	- Microsoft Windows 95 - Online User's Guide - ThinkPad Features - PC Card Director 4.0		
Graphics - controller Graph - arch/data path Gaphics - features	Trident™ CYBER9320 / 3 PCI 2.1 / 32 bit / external Simultaneous LCD and C	2 bit SVGA accelerator / 1 N SVGA to 1024 x 768 w/ 256 RT / 180 degree tilt	MB EDO DRAM / 70 ns 6 colors	2. PRODIGY [™] 3. SofNet FaxWorks [™] Fax		
Memory - std / max Memory - features Memory - upgrade Keyboard / # of keys	70 ns / non-parity / 3.3 vc 2 sockets for two JEDEC Full size alp/num / 85 (8	C 144 pin EDO SO DIMMs Fn key functions)		6. NetFinity for Windows 95 - Lotus SmartSuite 96 CD-ROM		
Keyboard slope Pointing / palm rest Dimensions Weight Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	11.7 x 8.3 x 2.14" (208) 7.06 pounds (3.20 kg) Lithium Ion / intelligent	ted palm rest / ext keyboard 11.7 x 8.3 x 1.92" (186 cu 6.76 pounds (3.07 kg) ptional Liftable (pop and remove of disk, and 1st		ess		
Architecture Docking Station Port replicator	PCI 2.1/32 bit/33 Mhz Dock I and II/SelectaD Port Replicator I and II/3 2 Type I or 2 Type II or 1 One 9 pin; 16550A/one	al, parallel, infrared, ext ext (EIDE, graphics, CardBus, ock I and II SelectaDock Base Model Type III / CardBus 32 bit Po (IEEE P1284-A, EPP, ECP, AC Adapter 2 prong (35 war	Easy-Setup is entered by holding F1 when turning on. 810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4 1.2 GB = DMA Mode 1 or PIO Mode 3			
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	Data/fax modem function 16 bit audio chip on pla Int stereo speakers / .5 Input jack (3.5 mm) / Outp Telephone / answering management of the state o	watt / slide volume contro	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522			
Security	device keyhole (Kensing DIMMS (requires Kensin	rd disk password / Supervis ton™ cable lock) / Security gton) / PC Card lock / Perso	latch for keyboard and	J		
2 2nd battery 3 std diskette drive 4 2.88 MB diskette drive	y TM) supports: Second HDD Adapter) rive (option)	tions (listed on right) lerv (optional Overnight Rep Compatible in ThinkPad - Second HDD Adapter - Dock I (1 slot / 1 bay) - Dock II (2 slot / 2 bay) - IDE Conversion Card	- 720 MB HDD II EIDE 12.5mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96" or higher models) 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96" or higher models) 69H8414			
2.8 GB with two 1.4 GE Easy-Setup is entered turning on. Integrated Mwave™ DE Data modem funct Fax modem funct Audio function (we Telephone function - Full duplex speak Digital Simultaneous Passage Setup 1	k capacity on 760E is a B disks (thick models) or B disks (thick models) or B disks (thin models	- SelectaDock I - SelectaDock II - Port Replicator I (w/ P - Port Replicator III - SelectaDock Base M - 2.88 MB diskette drive - PCMCIA Cartridge (oi - FDD External Attachn - Pentium 133/66 MHz/ - 35 watt AC Adapter (s - 4 x CD-ROM (for thick) - 6 x CD-ROM (for thick) - 8 MB SO DIMM 3.3 v N - 16 MB SO DIMM 3.3 v N	354700° 354700° 354700° 354700° 354700° 66G351° 66G352° 66G010° 66G010° 66G010° 66G361° 66G352° 66G361° 66G352° 66G361° 66G362° 66G361° 66G362° 66G361° 66G361	FEATURES OF 760 MODELS Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour /7 day telephone, bulletin hoard fax electronic and Internet		

ThinkPad 760E (XGA) - withdrawn

IBM® ThinkPad®:	≈ 760E	y differences between 760E and 760ED:					
	12.1" XGA color - thick	01.84) / 0.4.1			760E 760ED		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 150/60 (P54C: None 256 KB / write-back / direct 3.5" 1.44 MB O / in UltraB External FDD port (require None / can upgrade with o	mapped/ say es Externa	No std CD-ROM No video in/out No joystick/MIDI port No MPEG decoder Lighter Standard CD-ROM Video in/out and cable Joystick/MIDI port MPEG decoder Heavier				
Price Type - model Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U9B Windows 95 2.1 GB / 12 ms O EIDE / busmaster / PCI 2. October 1996 / October 19		Price WINDOWS 95 PRELOAD - Microsoft Windows 95 - Online User's Guide - ThinkPad Features				
Display - size and type Display - techology	12.1 inch XGA color / 640 Black Matrix TFT - active	x 480, 800 matrix / 1	9 x 600, or 1024 x 768 / 65,536 00 to 1 contrast ratio	siml col	ors - ThinkPad Features - PC Card Director 4.0 - Diskette Factory		
Graphics - controller Graph - arch/data path Graphics - features Graphics - external Memory - std / max	PCI 2.1 / 32 bit / DCI, Dire Simultaneous LCD and CF External SVGA to 1280 x 16 MB / 80 MB (104 MB w	ctDraw, Er RT / 180 de 1024 w/ 25 ith ThinkPa	gree tilt 56 colors or 1024 x 768 w/ 65,5		1. Triton CoSessión™ Host 2. SofNet FaxWorks™ Voice™ 3. Puma TranXit™ 4. Compuserv for Windows 5. NetFinity for Windows 95		
Memory - features Memory - upgrade		144 pin ED	OO SO DIMMs of 8, 16, 32 ME	3	- Lotus SmartSuite 96 CD-ROM		
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 F Automated tilt up keyboa TrackPoint III™ / integrate	ard (5.5 de		tional cah	ole)		
Dimensions Weight	11.7 x 8.3 x 2.0" (194 cubi 6.41 pounds (2.91 kg)		,		<u></u>		
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent op	tional MH	Liftable (pop-up) keyboard and remove diskette drive, disk, and 1st/2nd battery (t models support CD-ROM)				
Architecture Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	ISA (audio, diskette, seria PCI 2.1/32 bit/33 Mhz (I Dock I and II/SelectaDo Port Replicator I and II/S 2 Type I or 2 Type II or 1 T One 9 pin; 16550A/one (I APM-aware BIOS/Slim A	EIDE, grap ck I and II electaDoc ype III / Ca EEE P1284	Easy-Setup is entered by holding F1 when turning on. 810 MB = DMA Mode 2 or PIO Mode 4 1.08 GB = DMA Mode 2 or PIO Mode 4				
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone	None None Mwave MDSP2780 DSP v Data/fax modem function 16 bit audio chip on plan Int stereo speakers / .5 w Input jack (3.5 mm) / Output Telephone / answering ma	n via DSP (ar with Mv att / slide v it jack (3.5)	- Li-Ion Battery Pack II (gray) 29H9329				
Infrared ports Security	1 \	d disk pass	1.0 compatible / up to 115 kbs word / Supervisor password /	i	- Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167 ThinkPad 760E supported disks:		
Preinstalled software Warranty The left bay (UltraBay)	DIMMS (requires cable loc Windows 95 with application 3 year - ThinkPad EasySe M) supports:	ck) / PC Ca ons (listed o	- (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412				
2 2nd battery3 std diskette drive4 2.88 MB diskette dri	③ std diskette drive - Dock I (1 stdt / 1 bdy) 3546001 - Dock II (2 slot / 2 bdy) 3546001 - IDF Conversion Card (for Dock I/II) 46H5994				- 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902		
© IBM Wireless Mode	PCMCIA Cartridge (option) BIBM Wireless Modem for ARDIS (option) BIBM Wireless Modem for Cellular/CDPD (option) - SelectaDock II 3547001 SelectaDock III 3547002 - SelectaDock III 3547003 - Port Replicator I (w/ PCMCIA slots) 66G3510				Setup Pointer (single page)		
Maximum internal disk capacity on 760E is 10.2 GB with two 5.1 GB disks - Port Replicator II - SelectaDock Base Model I - 2.88 MB diskette drive 66G3520 39H7405 66G0108					Discharge battery via mouse click Non-disruptive battery exchange		
Easy-Setup is entered turning on. Integrated Mwave™ D	, ,	hibernation modes US EPA Energy Star compliant Personalized namenlate in indention					
Integrated Mwave™ DSP provides: ① Data modem function (to 28.8 Kbps) ② Fax modem function (to 14.4 Kbps) ③ Audio function (wave table synthesis) ④ Telephone function - Full duplex speakerphone ⑤ Digital Simultaneous Voice and Data - 35 watt AC Adapter (slim, 4 pin) 76H0119 - 4 x CD-ROM (UltraBay) 85G1957 - 8 x CD-ROM (UltraBay) 45H8786 - 8 - 20 x CD-ROM (UltraBay) 00K7903 - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G7341 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7341				Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service			
		JZ IIID	CO SIMILORO IN EDO OF DIE		Online Housecall (remote diagnostics)		

亞州 ThinkPad 760ED (SVGA) - withdrawn

IBM® ThinkPad®:	≍ 760ED			ThinkPad 760ED strengths over 760CD:		
Dunnannuhuna	12.1" SVGA TFT- 4 x CD-F			→ Pentium 133/66 MHz (vs 120/60 MHz)		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None 256 KB / write-back / direct 3.5" 1.44 MB O / use in Ult External FDD port (requires 5.25" CD-ROM O / 4 x spo	t mapped / raBay or a s External f eed / multi	it to L2 cache / 64 bit to memory 10 ns / synchronous pipelined burst ttach externally via rear ext FDD port FDD Attachment Kit 66G3618) -session / XA / play with eject button Bay which supports several devices	 ⇒ PCI bus (vs VL-Bus) ⇒ 16 MB EDO memory (vs 8 MB fast page) ⇒ 64 bit path to memory (vs 32 bit) ⇒ 9385 64 bit graphics with 2 MB EDO ⇒ CardBus PC Card support (32 bit PCI) 		
Type - model Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U3A Windows 95 1.2 GB / 12 ms O / DMA M Enhanced IDE / busmaster May 1996 / January 1997		Integrated Mwave™ DSP provides: ① Data modem function - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps) ② Fax modem function			
Display - size and type Display - techology	12.1 inch SVGA color / 640 Black Matrix TFT - active		300 x 600 / 262,166 simultaneous colors 00 to 1 contrast ratio	3 Audio function		
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	PCI 2.1 / 32 bit / DCI , Direct Simultaneous LCD and CR	t Draw, En T / 180 deg		 Stereo waveform record and playback Qsound support (3-D effect) 32 voice MIDI wave table synthesizer SoundBlaster™ support / text to speech MPEG audio decode 		
Memory - std / max Memory - upgrade	volt / EDO		d Proven option) 70 ns / non-parity / 3.3v O SO DIMMs of 8, 16, 32 MB	Telephone function Full telephone (can use opt headset) Telephone answering machine Full duplex speakerphone		
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 Fr Automated tilt up keyboar TrackPoint IIITM / integrated	rd (5.5 deg	grees) 3 std diskette drive: CD-ROM	Digital Simultaneous Voice Data WINDOWS 95 PRELOAD		
Ext keyboard support Dimensions Weight (with CD-ROM)			DIBM Wireless Modern ARDIS (option) BIBM Wireless Modern for Cellular/ CDPD (option)	Microsoft Windows 95 Online User's Guide ThinkPad Features		
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent opt 2.8 hours NiN 5.6 hours 2 to 3 hrs / 1.5 to 2.5 hrs		Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, 1st/2nd disk, and 1st/2nd battery	- PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host; 2. PRODIGY®		
Architecture Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	ISA (audio, diskette, serial, PCI 2.1 / 32 bit / 33 Mhz (E Dock I and II / SelectaDoc Port Replicator I and II / Se 2 Type I or 2 Type II or 1 Ty One 9 pin; 16550A / one (IE APM-aware BIOS / Slim AC	IDE, grapl k I and II lectaDocl pe III / Car EEE P1284	3. SofNet FaxWorks™ Voice™ 4. Puma TranXit™ 5. Compuserv for Windows 6. NetFinity for Windows 95 7. Asymetrix® Digital Video Producer™ 8. MPEG Sampler (CD-ROM) - Lotus SmartSuite 96 CD-ROM			
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	Composite and S-Video i MPEG-1 & MPEG-2 Half Ho Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plana Int stereo speakers / .5 wa Input jack (3.5 mm) / Output Telephone / answering ma	n/out / gar orizontal F ith moden via DSP (ar with Mw att / slide v jack (3.5 n chine / full	me port Resolution (HHR) decoder (MPEGCD1) n, fax, audio, telephony function v.34 to 28.8 Kbps) / Mwave 2.1	Easy-Setup is entered by holding F1 when turning on. ThinkPad 760ED supported batteries: - 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522		
Security	Power-on password / Hard device keyhole (Kensingtor	disk passv n™ cable l	word / Supervisor password / Locking ock) / Security latch for keyboard and ard lock / Personalization / Security Plate	- Car Battery Adapter 49G2167 ThinkPad 760E supported disks:		
Preinstalled software Warranty	Windows 95 with applicatio	ns (listed o		- (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313		
for video capture (ca	d in 760ED provides: S-Video in (NTSC or PAL) apture and digitize video still image capture (capture	- Secor	ble in ThinkPad 760ED family: nd HDD Adapter 29H9333 I (1 slot / 1 bay) 3545001 II (2 slot / 2 bay) 3546001	- 1.08 GB HDD II EIDE 12.5mm 29H9319 - 1.2 GB (1.96" or higher models) 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96" or higher models) 69H8414		
- Composite out and (connect to video o or record on VCR th - Mini game port for - Includes video in an (includes one video - Use software called - Hardware acceleral Windows Theorems of the point of the pointerpolation in X and conversion when DC Plays back MPEG movies, video CDs	ut port; NTSC or PAL); le screen of ThinkPad. MIDI or joystick d video out ports in/out cable) Digital Video Producer™ lition of 'Video for y done by a separate ASCII nd 760CD) has now been 385 graphics controller; ld Y axis; color space CI enabled motion videos, CD-I s, and Karaoke MPEG x 480, 800 x 600, or	- Selec - Selec - Port R - Port R - Selec - 2.88 N - PCMC - FDD E - 35 wa - 4 x CI - 6 x CI - 8 MBS - 16 MB	onversion Card (for Dock I/II) 46H5994 taDock I 3547001 teplicator I (w/ PCMCIA slots) 66G3510 teplicator II 66G3520 taDock Base Model I 39H7405 MB diskette drive 66G0108 CIA Cartridge (one Type III) 84G1301 External Attachment Kit 66G3618 tt AC Adapter (slim, 4 pin) 76H0119 O-ROM (UltraBay) 39H7413 O-ROM (UltraBay) 85G1957 SO DIMM 3.3v NP EDO 64 bit 92G7341 ESO DIMM 3.3v NP EDO 64 bit 92G7342	FEATURES OF 760 MODELS Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

IDM® Thinks	760ED				Think Dod 7505D attended to accom 75005		
IBM® ThinkPad®:	12.1" XGA TFT - 6 x CD-R	OM - Enhand	ced Video - MPEG		ThinkPad 760ED strengths over 760CD: ⇒ Pentium 133/66 MHz (vs 120/60 MHz)		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® 133/66 (P54CS None 256 KB / write-back / direc 3.5" 1.44 MB O / use in Ult External FDD port (include 5.25" CD-ROM O / 6 x sp	SLM) / 64 bit is et mapped / 1 traBay or atte s Floppy Disl eed / multi-s	to L2 cache / 64 bit to memo 0 ns / synchronous pipeline ach externally via rear ext F	d burst DD port button	 Pentium 133/66 MHz (vs 120/60 MHz) PCI bus (vs VL-Bus) 16 MB EDO memory (vs 8 MB fast page) 64 bit path to memory (vs 32 bit) 9385 64 bit graphics with 2 MB EDO CardBus PC Card support (32 bit PCI) 		
Type - model Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U9A Windows 95 2.1 GB / 12 ms O / DMA M Enhanced IDE / busmaster October 1996 / October 199	r / PCI 2.1 / s	r 4.2 GB	Integrated Mwave™ DSP provides: ① Data modem function - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps) ② Fax modem function			
Display - size and type Display - techology	12.1 inch XGA color / 640 Black Matrix TFT - active		600 or 1024 x 768 / 65,536 s to 1 contrast ratio	iml colors	G3 fax send/receive (14.4 Kbps) Audio function Stereo waveform record and playback		
Graphics - controller Graph - arch/data path Gaphics - features Graphics - external	PCI 2.1 / 32 bit / DCI, Direct Simultaneous LCD and CR	ctDraw, EnD RT / 180 degre			 Qsound support (3-D effect) 32 voice MIDI wave table synthesizer SoundBlaster™ support / text to speech MPEG audio decode 		
Memory - std / max Memory - upgrade			ven option) 70 ns / non-parity / SO DIMMs of 8, 16, 32 MB		Telephone function Full telephone (can use opt headset) Telephone answering machine		
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Fr Automated tilt up keyboa TrackPoint III™ / integrated Yes (with option cable)	r d (5.5 degre		ROM	Full duplex speakerphone Digital Simultaneous Voice Data WINDOWS 95 PRELOAD		
Dimensions Weight (with CD-ROM	11.7 x 8.3 x 2.0" (194 cubic) 6.65 pounds (3.02 kg)	inches)	 ⑦ IBM Wireless Modem AR ® IBM Wireless Modem for CDPD (option) 	DIS (option)	- Microsoft Windows 95 - Online User's Guide		
Battery - type Battery - life (1 batt) Battery - life (2 batt) Charge time - on / off	Lithium Ion / intelligent op: 2.2 hours Nil 4.4 hours 2 to 3 hrs / 1.5 to 2.5 hrs	MH E	Liftable (pop-up) keyboard and remove CD-ROM, disk lst/2nd disk, and 1st/2nd b	ette drive,	- ThinkPad Features - PC Card Director 4.0 - Diskette Factory 1. Triton CoSession™ Host		
Serial / parallel ports Other features	ISA (audio, diskette, serial PCI 2.1/32 bit/33 Mhz (E Dock I and II/ SelctaDock Port Replicator I and II/Se 22 Type I or 2 Type II or 1 Ty One 9 pin; 16550A/one (IE APM-aware BIOS/Slim AC	EIDE, graphic (I and II and ElctaDock B /pe III / Card EEE P1284-A C Adapter 2 p	compatible	 2. SofNet FaxWorks™ Voice™ 3. Puma TranXit™ 4. Compuserv for Windows 5. NetFinity for Windows 95 6. Asymetrix® Digital Video Producer™ 7. MPEG Sampler (CD-ROM) - Lotus SmartSuite 96 CD-ROM 			
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone Infrared ports	Mwave MDSP2780 DSP w Data/fax modem function 16 bit audio chip on plana Int stereo speakers / .5 wa Input jack (3.5 mm) / Output Telephone / answering ma	orizontal Revith modem, a via DSP (v.: ar with Mwaratt / slide volt jack (3.5 mm chine / full die	solution (HHR) decoder (Ml fax, audio, telephony func 34 to 33.6 Kbps) / Mwave 2.1	rophone es cable)	Easy-Setup is entered by holding F1 when turning on. ThinkPad 760ED supported batteries: - 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522		
Security		cable) / Sec	rd / Supervisor password / curity latch for keyboard and / Personalization / Security F	Plate	- Car Battery Adapter 49G2167 ThinkPad 760ED supported disks:		
Preinstalled software Warranty	Windows 95 with application			1010	- (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313		
Enhanced Video Car	d in 760ED provides:	Compatible	in ThinkPad 760ED family:		- 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325		
- Composite in and a for video capture (ca from a TV or VCR), and digitize still pho	S-Video in (NTSC or PAL) apture and digitize video still image capture (capture to images), and overlay.	- Second I - Dock I (1 - Dock II (2 - IDE Con	HDD Adapter 2 slot / 1 bay) 3 2 slot / 2 bay) 3 version Card (for Dock I/II) 4		- 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414 - 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902		
- Composite out and (connect to video o or record on VCR th - Mini game port for Includes video in an (includes one video - Use software called - Hardware accelered Windows Totological in T55CD a integrated into the 9 interpolation in X and conversion when DOC-Plays back MPEG	I S-Video out to TV ut port; NTSC or PAL); le screen of ThinkPad. MIDI or joystick d video out ports in/out cable) Digital Video Producer™ ution of 'Video for y done by a separate ASCII nd 760CD) has now been 385 graphics controller; d Y axis; color space	- SelectaE - SelectaE - SelectaE - Port Rep - Port Rep - SelectaE - 2.88 MB - PCMCIA - FDD Exte - 35 watt A - 4 x CD-R - 6 x CD-R - 8 - 20 x C - 8 MB SO - 16 MB SO	Oock I Oock II Oock III Oock III Oock III Oock Gase Model I diskette drive Cartridge (one Type III) ernal Attachment Kit C Adapter (slim, 4 pin) OM (UltraBay) OM (UltraBay) OM (UltraBay)	8547001 8547002 8547003 86G3510 86G3520 89H7405 86G3618 86G3618 86H0119 89H7413 85G1957 85H78786 80K7903 92G7340 92G7341	FEATURES OF 760 MODELS Setup Pointer (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

IBM® ThinkPad®:	≈ 760XL				
	12.1" SVGA TFT - thick				
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None 256 KB / write-back / direct 3.5" 1.44 MB ○ / use in U External FDD port (require	IHz (P55CLM) / 64 bit to L2 cache / 64 bit to memory t mapped / 10 ns / synchronous pipelined burst ltraBay or attach externally via rear ext FDD port es FDD External Attachment Kit 66G3618) x, 6 x, 8 x, or 8-20 x CD-ROM into UltraBay	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features - Diskette Factory		
Type - model (code) Preload (see side) Avail / withdrawn date Remv disk - size / ms Disk controller	9547-U9C (Michigan MM Windows 95 OSR2 April 1997 / January 1998 2.1 GB / 13 ms) / DMA	X) 9547-U9K (Michigan MMX) Windows NT Workstation 4.0 April 1997 / January 1998	 Lotus Organizer CompuServ for Windows Puma TranXit™ NetFinity for Windows 95 Triton CoSession™ Host IntelliLink Connect 		
Display - size and type Display - techology		440 x 480, 800 x 600 / 65,536 simultaneous colors e matrix / 100 to 1 contrast ratio	7. IBM AntiVirus 8. IBM Internet Connection Services with		
Graphics - controller		bit SVGA accelerator / 1 MB EDO DRAM / 70 ns ctDraw, EnDIVE support RT / 180 degree tilt	Netscape Navigator web browser 9. Registration Mailer - Lotus SmartSuite 96 CD-ROM - Recovery CD-ROM with boot diskette - Windows 95 CD-ROM (no installation)		
Memory - std / max Memory - sockets avail Memory - features	70 ns / non-parity / 3.3 volt 8 MB in system; 8 MB on n Memory module under disk	32 MB / 104 MB 1 socket available (1 socket uses 16 MB) t / EDO / supports JEDEC 144 pin SO-DIMMs nemory module with 2 SO-DIMM sockets k (not removable) and accessible by opening keyboard 8 MB on memory module is disabled via switch	WINDOWS NT 4.0 PRELOAD Microsoft Windows NT 4.0 Workstation with utilities and device drivers		
Keyboard / # of keys Keyboard slope Pointing / palm rest					
Dimensions Weight	11.7 x 8.3 x 2.14" (208) 6.7 pounds (3.05 kg)				
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 2.3 hours (4.6 hours with 2 2 to 3 hrs / 1.5 to 2.5 hrs	(optional NiMH battery supported) 2 batteries)			
Serial / parallel ports	ISA (audio, diskette, seria PCI 2.1 / 32 bit / 33 MHz (Intel Mobile Triton 82430N Dock I and II / SelectaDo Port Replicator I and II / S 2 Type I or 2 Type II or 1 T One 9 pin; 16550A / one (I	Think Dad 700VI accepted the Marian			
Other features Video in/out MPEG decoder DSP function Data/fax modem	None None None None None None	C Adapter 2 prong (35 watts) / Selectable boot Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/2nd battery, and other UltraBay options	ThinkPad 760XL supported batteries: - 760 NiMH Battery (black) 41H9720 - Li-lon Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167		
Audio support Jacks Telephone	16 bit audio chip / 20 void Int stereo speakers / .5 wa Input jack (3.5 mm) / output None		ThinkPad 760 supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313		
Infrared ports Security	- `	back) / IrDA 1.0 compatible / up to 115 kbs d disk password / Supervisor password / Locking	- 1.08 GB HDD II EIDE12.5 mm 29H9319		
Warranty	device keyhole (Kensingto DIMMS (requires Kensing	on™ cable lock) / Security latch for keyboard and ton) / PC Card lock / Personalization / Security Plate erv (depot repair service) or carry-in	- 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414 - 3.0 GB (1.96"+ models) 17 mm 45H8789		
	,	erv (depot repair service) or carry-irr	-5.1 GB (1.96"+ models) 17 mm 00K7902		
The left bay (UltraBay ① 2nd disk (requires S ② 2nd battery ③ Standard diskette d ④ 2.88 MB diskette dr	Second HDD Adapter)	OPTIONS - Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bay) 3545001 - Dock II (2 slot / 2 bay) 3546001			
© CD-ROM	k capacity on 760XL is GB disks d by holding F1 when e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 1 or PIO Mode 3 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4	- IDE Conversion Card (for Dock II) 46H5994 - SelectaDock I 3547001 - SelectaDock II 3547002 - SelectaDock III 3547003 - Port Replicator I (w/ PCMCIA slots) 66G3510 - Port Replicator II 66G3520 - SelectaDock Base Model I 39H7405 - 2.88 MB diskette 66G30108 - FDD External Attachment Kit 66G3618 - 35 watt AC Adapter (slim, 4 pin) 76H0119 - 4 x CD-ROM (UltraBay) 39H7413 - 6 x CD-ROM (UltraBay) 85G1957 - 8 x CD-ROM (UltraBay) 45H8786 - 8-20 x CD-ROM (UltraBay) 00K7903 - 8 MB SO DIMM 3.3v NP EDO 64 bit 92G7341 - 32 MB SO DIMM 3.3v NP EDO 64 bit 92G7342 - 64 MB SO DIMM 3.3v NP EDO 64 bit 76H0268	Guick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service IBM SystemXtra Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service Online Housecall (remote diagnostics)		

ThinkPad 760XD - withdrawn

IBM [®] ThinkPad [®] :	★ 760XD	
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	Pentium® MMX 166/66 MHz (P55CLM) / 64 bit to L2 cache / 64 bit to memory None 256 KB / write-back / direct mapped / 10 ns / synchronous pipelined burst 3.5" 1.44 MB O / use in UltraBay or attach externally via rear ext FDD port External FDD port (includes Floppy Disk Drive Enclosure) 5.25" CD-ROM O / 8 x speed / multi-session / XA / play with eject button EIDE / PIO Mode 3 (ATAPI) / in UltraBay which supports several devices	
Type - model (code) Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U9E (Michigan MMX) Windows 95 OSR2 3.0 GB / 12 ms O / DMA Mode 2 or PIO Mode 4 (C: is 1.99 GB, D: is 885 MB) Enhanced IDE / busmaster / PCI 2.1 / supports two internal disks for 10.2 GB April 1997 / January 1998	
Display - size and type Display - techology	e 12.1 inch XGA color / 640 x 480, 800 x 600 or 1024 x 768 / 65,536 siml colors Black Matrix TFT - active matrix / 100 to 1 contrast ratio	
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	Trident™ CYBER9385 / 64 bit SVGA accelerator / 2 MB EDO DRAM / 70 ns PCI 2.1 / 32 bit / DCI, DirectDraw, EnDIVE support Simultaneous LCD and CRT / 180 degree tilt External SVGA to 1280 x 1024 w/ 256 colors or 1024 x 768 w/ 65,536 colors	
Memory - std / max Memory - upgrade Mem - implementation	32 MB / 104 MB 70 ns / non-parity / 3.3v / EDO 1 socket avail for one JEDEC 144 pin EDO SO-DIMM of 8, 16, 32, 64 MB 8 MB in system; 8 MB on memory module; 16 MB DIMM in 1 socket; 1 socket avail Memory module under disk (not removable) and accessible by opening the keyboard	Integrated Mwave™ DSP provides: ① Data modem function - V.22bis, V.32, V.32bis, v.34 (28.8 Kbps)
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Automated tilt up keyboard (5.5 degrees) TrackPoint III™ / integrated palm rest Yes (with option cable) The left bay (UltraBay™) supports: 1 2nd disk; ② 2nd battery 3 std diskette drive; ④ std CD-ROM 5 2.88 MB diskette	 Fax modem function G3 fax send/receive (14.4 Kbps) Audio function Stereo waveform record and playback
Dimensions / weight	11.7 x 8.3 x 2.0" (194 cubic inches) / 7.0 pounds (3.18 kg) with CD-ROM	- Qsound support (3-D effect)
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent optional 2.0 hours (4 hrs with 2 batt) NiMH 2 to 3 hrs / 1.5 to 2.5 hrs Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, 1st/2nd disk, and 1st/2nd battery	- 32 voice MIDI wave table synthesizer - SoundBlaster support / text to speech - MPEG audio decode
Architecture Port replicator Docking Station	ISA (audio, diskette, serial, parallel, infrared, ext expansion) PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, CardBus, MPEG, ext expansion) Intel Mobile Triton 82430MX PCIset / TI PCI1130 for CardBus Port Replicator I and II / SelectaDock Base Model I Dock I and II / SelectaDock I and II and III	- Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone S Digital Simultaneous Voice Data
	s 2 Type I or 2 Type II or 1 Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) APM-aware BIOS / Slim AC Adapter 2 prong (35 watts) / Selectable boot	Easy-Setup is entered by holding F1 when turning on.
Video in/out MPEG decoder DSP function Data/fax modem Audio support	Composite and S-Video in/out / game port MPEG-1 & MPEG-2 Half Horizontal Resolution (HHR) decoder (MPEGCD1) Mwave MDSP2780 DSP with modem, fax, audio, telephony function Data/fax modem function via DSP (v.34 to 33.6 Kbps) / Mwave 16 bit audio chip on planar with Mwave DSP	ThinkPad 760XD supported batteries: - 760 NiMH Battery (black) 41H9720 - Li-lon Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167
Telephone Infrared ports	Int stereo speakers / .5 watt / slide volume control / internal microphone Input jack (3.5 mm) / Dutput jack (3.5 mm) / Joystick/MtDl port (includes cable) Telephone / answering machine / full duplex speakerphone / DSVD Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs	ThinkPatl 760 supported disks: e - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383
Security	Power-on password / Hard disk password / Supervisor password / Locking device keyhole (Kensington™ cable lock) / Security latch for keyboard and DIMMS (requires Kensington) / PC Card lock / Personalization / Security Plate	- 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325
Warranty	3 year - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in	- 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414
Boyra C	n i : sD eX d0 6 ®PTIONS r p - Second HDD Adapter 29H9333 - Dock I (1 slot / 1 bav) 3545001	- 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902 FEATURES OF 760 MODELS

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-											1 bay)		354500	1
											/ 2 bav)		354600	1
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										Dockl			354700°	1
								- S	electa	Dockl	I		354700	2
								- S	electa	Dockl	II		354700	3
								- P	ort Re	plicato	r I (w/ PCN	/ICIA sl	ots) 66G351	10
								- P	ort Re	plicato	r II `		66G352	20
								- S	electa	Dock	Base Mod	lel I	39H740)5
								- 2	.88 ME	3 diske	tte drive		66G010	8(
								- F	DD Ex	ternal i	Attachmer	nt Kit	66G361	18
											apter (slim	ո, 4 pin)	76H011	9
											ÚltraBay)		39H741	
											UltraBay)		85G195	57
											UltraBay)		45H878	
											M (UltraBa		00K790	
											13.3v NP E			
								1 -					4 bit 92G734	
													4 bit 92G734	
													4 bit 76H026	
								- C	ther o	ptions 1	rom Think	Pad Pr	oven partneı	rs

FEATURES OF 760 MODELS

Quick Setup Guide (single page)
LCD indicator panel
Plug and Play 1.0a
Discharge battery via mouse click
Non-disruptive battery exchange
Standby, suspend, safe suspend, and
hibernation modes
US EPA Energy Star compliant
Personalized nameplate in indention
Personalization screen at startup
International Warranty Service
IBM SystemXtra Program
24 hour / 7 day telephone, bulletin
board, fax, electronic, and Internet
(http://www.pc.ibm.com) support
IBM and dealer warranty/service
Online Housecall (remote diagnostics)

IBM [®] ThinkPad [®] :	765L 13.3" XGA TFT				
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	None 256 KB / write-back / dire 3.5" 1.44 MB ○ / use in External FDD port (requ None / can upgrade to	MHz (P55CLM) / 64 bit to L2 cache / 64 bit to memory ect mapped / 10 ns / synchronous pipelined burst UltraBay or attach externally via rear ext FDD port ires FDD External Attachment Kit 66G3618) 4 x or 6 x or 8 x CD-ROM into UltraBay	WINDOWS 95 PRELOAD - Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features - Diskette Factory 1. Lotus Organizer		
Type - model (code) Preload (see side) Avail / withdrawn date Remv disk - size / ms Disk controller	EIDE / busmaster / PCI	Mode 2 or PIO Mode 4 (C: is 1.99 GB, D: is 885 MB) 2.1 / supports two internal disks / SMART	2. CompuServ for Windows 3. Puma TranXit™ 4. NetFinity for Windows 95 5. Triton CoSession™ Host 6. IntelliLink Connect		
Display - size and type Display - techology		40 x 480, 800 x 600 or 1024 x 768 / 65,536 siml colors ve matrix / 100 to 1 contrast ratio	8. IBM Internet Connection Services with		
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	PCI 2.1 / 32 bit / DCI, Dir Simultaneous LCD and 0	64 bit SVGA accelerator / 2 MB EDO DRAM / 70 ns rectDraw, EnDIVE support CRT / 180 degree tilt x 1024 w/ 256 colors or 1024 x 768 w/ 65,536 colors	Netscape Navigator web browser 9. Registration Mailer 10. ThinkPad on the NET 11. America Online - Lotus SmartSuite 96 CD-ROM		
Memory - std / max Memory - sockets avai Memory - features	8 MB in system; 8 MB on Memory module under di	ket uses 16 MB) olt / EDO / supports JEDEC 144 pin SO-DIMMs memory module with 2 SO-DIMM sockets sk (not removable) and accessible by opening keyboard e 8 MB on memory module is disabled via switch	Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation)		
Keyboard / # of keys Keyboard slope Pointing / palm rest	Full size alp/num / 85 (8 Automated tilt up keyb TrackPoint IIITM / integra		e)		
Dimensions Weight	11.7 x 9.3 x 2.23" (243 c 7.4 pounds (3.34 kg)	ubic inches)			
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 2.1 hours (4.2 hours with 2 to 3 hrs / 1.5 to 2.5 hrs				
Architecture Docking Station Port replicator PC Card Standard slots Serial / parallel ports Other features	PCI 2.1/32 bit/33 MHz Intel Mobile Triton 8243 SelectaDock I and II ar Port Replicator I and II/ 2 Type I or 2 Type II or 1 One 9 pin; 16550A/one	rial, parallel, infrared, ext expansion) z (EIDE, graphics, CardBus, ext expansion) 0MX PCIset / TI PCI1130 for CardBus d III SelectaDock Base Model I Type III / CardBus 32 bit PCI / PCMCIA 2.1 compatible (IEEE P1284-A, EPP, ECP, bidirectional) Adapter 4 pin 3 prong (56 watts) / Selectable boot	ThinkPad 765L supported batteries:		
Video in/out MPEG decoder DSP function Data/fax modem Audio support	None None None None	Liftable (pop-up) keyboard to access and remove diskette drive, 1st/2nd disk, and 1st/2nd battery, and other UltraBay options	- 760 NiMH Battery (black) 41H9720 - Li-Ion Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167		
Jacks Telephone Infrared ports	Int stereo speakers / .5 v Input jack (3.5 mm) / outp None	bice MIDI FM synthesis / ESS1688 vatt / slide volume control / internal microphone but jack (3.5 mm) id back) / IrDA 1.0 compatible / up to 115 kbs	ThinkPad 760 supported disks: - (360/750/755 IDE disks not supported) - 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313		
Security	device keyhole (Kensing DIMMS (requires Kensing	ard disk password / Supervisor password / Locking gton™ cable lock) / Security latch for keyboard and ngton) / PC Card lock / Personalization / Security Plate	- 1.08 GB HDD II EIDE 12.5 mm 29H9319 - 1.2 GB (1.96"+ models) 17 mm 29H9325 - 1.4 GB HDD 3L EIDE 12.5 mm 69H8412 - 2.1 GB (1.96"+ models) 17 mm 69H8414		
Warranty Service options		Serv (depot repair service) or carry-in ous day (71 cities) / Warranty extension to 5 years	- 3.0 GB (1.96"+ models) 17 mm 45H8789 - 5.1 GB (1.96"+ models) 17 mm 00K7902		
The left bay (UltraBay ① 2nd disk (requires \$ ② 2nd battery ③ Standard diskette di ④ 2.88 MB diskette di ⑤ CD-ROM Maximum internal dis 10.2 GB with two 5.1 Easy-Setup is entered turning on. 810 MB = DMA Mod 1.08 GB = DMA Mod 1.2 GB = DMA Mod 1.35 GB = DMA Mod 2.1 GB = DMA Mod 3.0 GB = DMA Mod	Recond HDD Adapter) Irive Irive k capacity on 765L is GB disks d by holding F1 when e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 1 or PIO Mode 3 e 2 or PIO Mode 4 e 2 or PIO Mode 4 e 2 or PIO Mode 4	- Second HDD Adapter - IDE Conversion Card (for Dock II) - SelectaDock II - SelectaDock II - SelectaDock III - Port Replicator I (w/ PCMCIA slots) - Port Replicator II - Port Replicator II - SelectaDock Base Model I - 2.88 MB diskette - FDD External Attachment Kit - 56 watt AC Adapter (4 pin; 3 prong) - 6 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) - 8 BMB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit - 32 MB SO DIMM 3.3v NP EDO 64 bit - 32 MB SO DIMM 3.3v NP EDO 64 bit - 64 MB SO DIMM 3.3v NP EDO 64 bit - 76H0268 - PCMCIA 33.6 Kbps modem w/ XJACK 55H6759	FEATURES OF 765 MODELS Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup International Warranty Service IBM System Care Program 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support IBM and dealer warranty/service		
5.1 GB = Ultra DMA	700 OFF TO WIDGE 4	- 56K PC Card Modem Kit 04K0052	Online Housecall (remote diagnostics)		

IBM® ThinkPad®:	765D				WINDOWS 95 PRELOAD		
Processor type Processor upgrade L2 cache Removable diskette External FDD port Removable CD-ROM	13.3" XGA TFT - 8 x CD-R Pentium® MMX 166/66 M None 256 KB / write-back / direct 3.5" 1.44 MB O / use in UI External FDD port (include 5.25" CD-ROM O / 8 x sp EIDE / PIO Mode 3 (ATAP	Hz (P55CL et mapped / traBay or a s Floppy D eed / multi	.M) / 64 bit to L2 cache / / 10 ns / synchronous pi ttach externally via rear isk Drive Enclosure) -session / XA / play with	pelined burst ext FDD port eject button	- Microsoft Windows 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Features Program - Diskette Factory Utilities 1. Lotus Organizer 2. CompuServ for Windows 3. Puma TranXit™ 4. NetFinity for Windows 95		
Type - model (code) Preload (see side) Remv disk - size / ms Disk controller Avail / withdrawn date	9546-U9H Windows 95 OSR2 3.0 GB / 12 ms O / DMA M Enhanced IDE / busmaster June 1997 / July 1997 13.3 inch XGA color / 640	/ r / PCI 2.1 (0	supports two internal dis C: is 1.99 GB, D: is 885 N	MB)	5. Triton CoSession™ Host 6. SofNet FaxWorks™ Voice 7. Asymetrix® Digital Video Producer 8. IntelliLink Connect 9. IBM AntiVirus 10. IBM Internet Connection Services with		
Display - size and type Display - techology	Black Matrix TFT - active	matrix / 10	00 to 1 contrast ratio	330 81111 COIOIS	Netscape Navigator web browser 11. Registration Mailer		
Graphics - controller Graph - arch/data path Graphics - features Graphics - external	Trident™ CYBER9385 / 64 PCI 2.1 / 32 bit / DCI, Direc Simultaneous LCD and CF External SVGA to 1280 x 1	tDraw, Enl RT / 180 dec 024 w/ 256	DIVE support gree tilt 5 colors or 1024 x 768 w/		12. ThinkPad on the NET13. America OnlineMPEG Sampler CD-ROMLotus SmartSuite 96 CD-ROM		
Memory - std / max Memory - upgrade Mem - implementation	32 MB / 104 MB 70 ns / 1 socket avail for one JED 8 MB in system; 8 MB on m Memory module under disk (EC 144 pír emory mod	n EDO SO-DIMM of 8, 1 ule; 16 MB DIMM in 1 sock	et; 1 socket avail	- Recovery CD-ROM with boot diskette - Windows 95 CD-ROM (no installation) Integrated Mwave DSP provides:		
Keyboard / # of keys Keyboard slope Pointing / palm rest Ext keyboard support	Full size alp/num / 85 (8 Fi Automated tilt up keyboa TrackPoint III™ / integrate Yes (with option cable)	ı rd (5.5 deg	rees) ① 2nd disk; ② 2nd	d battery e;	- G3 fax send/receive (14.4 Kbps)		
Dimensions / weight	11.7 x 9.3 x 2.23" (243 cub	ic inches) /	7.7 pounds (3.49 kg) wit	h CD-ROM	Audio function Stereo waveform record and playback		
Battery - type Battery - life (1 batt) Charge time - on / off	Lithium Ion / intelligent 2.0 hours (4 hrs with 2 batt 2 to 3 hrs / 1.5 to 2.5 hrs	optional) NiMH	Liftable (pop-up) keyl and remove CD-ROM 1st/2nd disk, and 1st/	, diskette drive,	- Qsound support (3-D effect) - 32 voice MIDI wave table synthesizer - SoundBlaster support / text to speech		
Port replicator Docking Station PC Card Standard slots Serial / parallel ports	chitecture ISA (audio, diskette, serial, parallel, infrared, ext expansion) PCI 2.1 / 32 bit / 33 Mhz (EIDE, graphics, CardBus, MPEG, Intel Mobile Triton 82430MX PCIset / TI PCI1130 for CardBu Port Replicator I and II / SelectaDock Base Model I SelectaDock I and II and III CardBus 32 bit PCI / PCMC			A 2.1 compatible	- MPEG audio decode (Include Telephone function - Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone (Include Digital Simultaneous Voice Data)		
Other features	APM-aware BIOS / AC Ada Composite and S-Video		1 0 0	ctable boot	Easy-Setup is entered by holding F1 when turning on.		
Video in/out MPEG decoder DSP function Data/fax modem Audio support Jacks Telephone	MPEG-1 & MPEG-2 Half H Mwave MDSP2780 DSP w Data/fax modem functior 16 bit audio chip on plana Int stereo speakers / .5 w Input jack (3.5 mm) / Outpu Telephone / answering ma	orizontal F vith moden n via DSP (' ar with Mw att / slide v t jack (3.5 n achine / full	Resolution (HHR) decoden, fax, audio, telephony v.34 to 33.6 Kbps) / Mwa vave DSP volume control / interna nm) / Joystick/MIDI port (duplex speakerphone /	ve 2.21 Il microphone includes cable) DSVD	ThinkPad 765D supported batteries: - 760 NiMH Battery (black) 41H9720 - Li-lon Battery Pack II (gray) 29H9329 - Travel Quick Charger 85G1522 - Car Battery Adapter 49G2167 ThinkPad 765 supported disks:		
Security	Infrared ports (front and Power-on password / Hard device keyhole (Kensingto DIMMS (requires Kensingt	l disk passv n™ cable l	word / Supervisor passwock) / Security latch for k	ord / Locking ceyboard and	- 720 MB HDD II EIDE 12.5 mm 29H9383 - 810 MB HDD II EIDE 12.5 mm 29H9313 - 1.08 GB HDD II EIDE 12.5 mm 29H9319		
Warranty Service Options	3 year - ThinkPad EasySe On-site, M-F, 8-5, next bus	rv (depot re	epair service) or carry-in		1.2 GB (1.96"+ models)		
Enhanced Video Car	d in 765D provides:	- Second H	HDD Adapter version Card (for Dock I/II)	29H9333 46H5994	- 5.1 GB (1.96"+ models) 17 mm 00K7902		
for video capture (ca from a TV or VCR), and digitize still phot - Composite out and (connect to video or	ut port; NTSC or PAL); e screen of ThinkPad. MIDI or joystick d video out ports	- SelectaE - SelectaE - Port Rep - Port Rep - SelectaE - 2.88 MB - FDD Exte - 56 watt A	Dock I Dock II Dock III licator I (w/ PCMCIA slots)	3547001 3547002 3547003	FEATURES OF 765 MODELS Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes US EPA Energy Star compliant		

- 4 x CD-ROM (UltraBay) - 6 x CD-ROM (UltraBay) - 8 x CD-ROM (UltraBay) 39H7413 85G1957 45H8786

-8-20 x CD-ROM (UltraBay) -8 MB SO DIMM 3.3v NP EDO 64 bit - 16 MB SO DIMM 3.3v NP EDO 64 bit

- 16 MB SO DIMM NP EDO 64 bit (new) 01K1124 - 32 MB SO DIMM 3.3v NP EDO 64 bit - 64 MB SO DIMM 3.3v NP EDO 64 bit

- PCMCIA 33.6 Kbps modem XJACK - 56K PC Card Modem Kit

92G7342 76H0268 55H6759 04K0052

00K7903

92G7340

92G7341

US EPA Energy Star compliant Personalized nameplate in indention Personalization screen at startup

International Warranty Service **IBM System Care Program** 24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http://www.pc.ibm.com) support

IBM and dealer warranty/service Online Housecall (remote diagnostics)

- Use software called Digital Video Producer™
 Hardware acceleration of 'Video for
- Windows m formerly done by a separate ASCII chip (as in 755CD and 760CD) has now been integrated into the 9385 graphics controller; interpolation in X and Y axis; color space
- Plays back MPEG motion videos, CD-I movies, video CD's, and Karaoke MPEG video titles

IBM® ThinkPad®:							WINDOWS 95 PRELOAD16		
Processor type/path Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble) DVD (removable)	No upgrade / pro 512KB / write-ba 3.5" 1.44MB / in External diskette	cessor, L2 cach ack / direct mapp encased enclose port (use std ca D-ROM / 20X-8X PIO Mode 4 for V DM drive / 8 x to	pping 'GB)	- Microsoft® Windows® 95 OSR2 (FAT16) - Online User's Guide - ThinkPad Configuration Program - Diskette Factory Utilities 1. Puma TranXit: 2. IBM AntiVirus					
Type - model Processor Display (diagonal) Disk (removable) Preload (see side) DVD and Enh Vid Ad Modem Avail/withdrawn date	200/66MHz 13.3" XGA 3.2GB ⁴ /PIO4 W95 OSR2 d Optional Opt PC Card	9548-30U 233/66MHz 13.3" XGA 4GB / PIO4 W95 OSR2 Optional Opt PC Card eptember 1998	7. Artisoft ConfigSafe 8. IBM Internet Connection services with Netscape Navigator web browser 9. Intel® LANDesk® Client Manager 10. Intel Video Phone (receive) (1AU only) 11. ThinkPad PointCast 12. NetMeeting™ 2.0 13. Ergonomics; 14.ThinkPad on the NET						
Memory - std / max Memory - upgrade	2 sockets availab	ble for ṫwo JEDI	EC 144 pin EDO	33 or 100MHz 0 or SDRAM SO-D n mix SDRAM w/70		EDO	NetFinity for Windows 95 Recovery CD-ROM with boot diskette Windows 95 CD-ROM (no installation) Internet Explorer 4.0 CD-ROM		
Display - size (colors Display - techology					36 siml colo	rs)	WINDOWS NT 4.0 PRELOAD		
Graphics - controller Graphics - arch Graphics - features Graphics - external	Trident™ CYBEI PCI 2.1 / Direct3 3D hardware ac	R9397 / 64-bit S D, DirectDraw, I celerator / inter	VGA accelerato DirectVideo, Acti polation in X and		ZV interface	on	Windows NT® Workstation (FAT16) Advanced NT extensions: Power management UltraBay Plug and Play		
Disk (removable) Disk controller	Enhanced IDE / b	ousmaster / PCI	2.1 / 430TX Sou	screw, security too uth Bridge / PIIX4 / DMA/33, or PIO N	supports tw	o	DVD (storage only; no DVD movies) Hot Plug PC Card; MPEG-2 playbck 3D graphis (OpenGL)		
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num Flat keyboard (do TrackPoint ® / Pr center click butto	oes not lift up) / r ess-to-Select / F		 Video capture Online User's Guide ThinkPad Configuration Program IBM AntiVirus IBM Internet Connection services with 					
Dimensions Weight ²	1AU: 12.3 x 10 x Others: 12.3 x 9.			Netscape Navigator web browser 3. Intel LANDesk Client Manager					
Battery - type Battery - life (1 batt) Charge time - on / of	Lithium Ion / intel 1AU: 3.5 hrs (7 h	ligent / left side nrs with second		The right bay (UltraBay™ II) has LED on release latch to provide status; it supports					
Architecture Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	ISA (audio, modem, diskette, serial, parallel, infrared, ext expansion) PCI 2.1/32-bit/33Mhz (EIDE, graphics, CardBus, MPEG, USB, ext expansion) Intel 430TX PCIset/TI PCI1250 for CardBus/LM75 digital thermometer SelectaBase 770 / PC Card Enabler SelectaDock III / SelectaDock I and II 2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit PCI / PCMCIA 2.1/Zoomed Vide I One USB / one 9 pin serial; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional) APM-aware BIOS / AC Adapter barrel, 3 prong (56 watts) / Selectable boot						hot swapping; it supports: ① std diskette; ② optional DVD drive; ③ optional CD-ROM; ④ optional 2nd disk; ⑤ optional 2nd battery; ⑥ optional ThinkPad Proven™ VST Zip™ 100 drive; Easy-Setup is entered by holding F1 when turning on.		
Video in/out MPEG decoder Data/fax modem Audio support	1AU or option: V 1AU or option: N 1AU: 33.6Kbps (integrated	ideo in/out (com IPEG-2 / IBM MI (56Kbps upgrad Mwave® 3780i I	posite and S-Vic PEGCD1M / 2ME eable via x2 ⁸) / 1 DSP / internation	deo) / SAA7111A N 3 SDRAM; 100MH 4.4Kbps fax / telep al programmable / software decode	NTSC/PAL z phony / DAA	toroo	ThinkPad 770 supported disks: - 3.2GB 13ms read/14ms write 17 mm PIO Mode 4 or DMA Mode 2		
Jacks Infrared ports	Int stereo speake Input jack (3.5 mr	ers (front) / 1 wa t m) / Output jack (tt / rotary volume (3.5 mm) / full du	e control (right) / in	t microphon	e	- 4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 - 5.1 and 8.1GB 12ms read/13ms write		
Security				rvisor password / r battery and Ultra		hole /	17 mm PIO Mode 4 or Ultra DMA/33 - All 760 supported disks (requires opt adaptr)		
Limited warranty ¹¹ Service options ¹⁵	3 year - ThinkPac On-site, M-F, 8-5		FEATURES OF 770 MODELS Wired for Management 1.1a						
bvD and Enhanced Video Adapter provides (standard in 1AU; optional all others): - MPEG-1, MPEG-2 HHR, and full MPEG-2 hardware decoder (audio decoded via software) - DVD movie playback (MPEG-2 decoding; decryption and audio decoding via software) - Video in (composite and SVHS) (NTSC or PAL) for video capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay - Video out (composite and SVHS) to TV (connect to video out port; NTSC or PAL); or record on VCR the screen of ThinkPad - Dolby® Digital AC-36 (outputs undecoded Dolby Digital signal from AC-3 connector; CSA8404A); - S.1GB disk, 12ms, Ultra DMA/33 (02K0517) - 2nd Disk Adapter (for 760/770 disks) - SelectaBase 770 (3846048) - SelectaDock III¹8 - SelectaDock III¹8 - SelectaDock III¹8 - SelectaBase PC Card Enabler 760 UltraBay Tray for SD III 11J8839 - 20X-8X CD-ROM Drive (UltraBay II) 11J8933 - 24X-10X CD-ROM Drive (UltraBay II) 11J8933 - 24X-10X CD-ROM Drive (UltraBay II) 11J8950 - DVD and Enh Video Adapter 76H0293 - 76H0293 - 76H0293					0517 836 6735 0001 0002 0003 6741 8839 933 0516 950 957	PC 97 compliant DMI 1.1 compliant DMI instrumentation (thermal monitoring) Wake-on-LAN via SelectaDock III C: is 1.99 GB, D: is up to 1.99 GB, etc. Quick Setup Guide (single page) LCD indicator panel Plug and Play 1.0a Discharge battery via mouse click Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra TM			
requires external.	AC3 decoder/amp video in, ② video o	lifier	- 64MB SO D - 56K PC Car	IMM 3.3v NP SDRA IMM 3.3v NP SDRA rd Modem Kit 70 Li-Ion Battery	AM 76H (04K(052	24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support IBM and dealer warranty/service		

IBM® ThinkPad®:	770E	770E	770ED	770E (AAP)		WINDOWS 95 PRELOAD ¹⁶
Processor features L2 cache Diskette (removable External FDD port CD-ROM (removble) DVD-ROM (remvble	Pentium® II 266/66 No upgrade / proces 512KB / write-back) 3.5" 1.44MB / in end External diskette po) Option: 5.25" CD-F EIDE (ATAPI) / PIO) Std or option: DVD requires DVD and E	MHz¹ (Deschutes) / ssor, L2 cache, and / 4 way set associa cased enclosure / us rt (use std cable to ROM / 24X-10X° spe Mode 4 for W95; D drive / 8 x to 16 x s inhanced Video Ada	33MHz / y II 5/4.7GB) C-3 port	 Microsoft® Windows® 95 OSR2.1 (FAT16) Online User's Guide ThinkPad Customization Center ThinkPad Configuration Program SystemSoft CardWorks Diskette Factory Utilities Puma IntelliSync 97; 2. IBM AntiVirus Asymetrix Digital Video Producer (5AU) RingZero Ring Central (5AU only) 		
Type - model Display (diagonal) Disk (removable) DVD-ROM drive Preload (see side) DVD and Enh Vid Ad Modem Avail / withdr date	Opt PC Card April 1998 / Decemb		9549-5AU 14.1" TFT XGA 8.1GB / PIO4 Standard DVD W95 OSR2.1 Standard 156Kbps	9548-53U (A/ 14.1" TFT XC None Optional Blank (no disl Optional Opt PC Card	SA´	 Intelliquest Registration Mailer Voyetra Audiostation ConfigSafe IBM Internet Connection services with Netscape Navigator web browser Intel® LANDesk® Client Manager Intel Video Phone (receive) (5AU only) ThinkPad PointCast Ergonomics
Memory - std / max Memory - upgrade	SDRAM / 83 or 100 144 pin SDRAM SC	D-DIMMs / sockets a	3.3v / 2 sockets availa accessed by removin	g screw on bo	DEC	 ThinkPad on the NET NetFinity for Windows 95 Recovery CD-ROM with boot diskette
			<768 (16 million simu 150 nits (AC) / 90 nits			♦ Customization CD-ROM (apps/drivers)
Graphics - arch Graphics - features Graphics - external	PCI 2.1 / Direct3D, I 3D hardware accel External SVGA to 12	DirectDraw, DirectVierator / interpolation 280x1024 w/ 64K co	rator / 4MB SGRAM / ideo, DirectX 5.0 supp in in X and Y axis / col lors (85Hz) or 1024x7	oort / ZV interfa or space convo 68 w/ 16M col	ersion lors	WINDOWS NT 4.0 PRELOAD - Windows NT® Workstation (FAT16) - Service Pack 3 - Internet Explorer 4.01 - Advanced NT extensions
Disk (swappable) Disk controller	Enhanced IDE / bus internal disks (16.20	master / PCI 2.1 / 43 GB max) / DMA Mod	ch, coin screw, secur 30TX South Bridge / F e 2, Ultra DMA/33, or	PÍIX4 / supports		Online User's Guide ThinkPad Configuration Program SystemSoft CardWizard
Keyboard / Fn keys Keyboard slope Pointing device	Full size alp/num / 7 Flat keyboard (does TrackPoint® / Press center click button for	not lift up) / rear legs s-to-Select / Release	caps	IBM AntiVirus IBM Internet Connection services with Netscape Navigator web browser Intel LANDesk Client Manager		
Dimensions Weight ²	12.3 x 10 x 2.2" (270 Others: 7.6 pounds		ette	Artisoft ConfigSafePuma IntelliSync 97		
	Lithium Ion / intellige 3.5 hrs (7 hrs with se ff2 to 3 hrs / 1.5 to 2.5	-	♦ Customization CD-ROM (apps/drivers)			
Architecture Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	Intel 440BX PCIse PCI 2.1 / 32-bit / 33I PC97338 Super I/O SelectaBase 770 / SelectaDock III / S 2 Type 1, 2 Type II, al One USB / one 9 pir APM-aware BIOS / /	MHz (EIDE, graphic / ISA (audio, model PC Card Enabler ¹⁸ / electaDock I and II or 1 Type III / Card I n serial; 16550A / on	ansion) ext exp) et ¹⁸	The right bay (UltraBay™ II) has LED on release latch to provide status; it supports hot swapping; it supports: ① std diskette; ② optional DVD drive; ③ optional CD-ROM; ④ optional 2nd disk; ⑤ optional 2nd battery; ⑥ optional ThinkPad Proven™ VST Zip™ 100 drive		
Video in/out MPEG decoder Data/fax modem Audio support Jacks Infrared ports	5AU or option: Vide 5AU or option: MPE 5AU: 56Kbps (x2, u	o in/out (composite a G-2 / IBM MPEGCD pgradeable to v.90 ⁸) vave ⁸ 3780i DSP / in 6RS 3D audio / FM s (front) / 1 watt / rotal output jack (3.5 mm	to stereo	ThinkPad 770 supported disks: -3.2GB 13ms read/14ms write 17 mm PIO Mode 4 or DMA Mode 2 -4.0GB 13ms read/14ms write 12.5 mm PIO Mode 4 or Ultra DMA/33 -5.1GB 12ms read/13ms write 17 mm PIO Mode 4 or Ultra DMA/33		
Security	Power-on password	/ hard disk passwor	rd / supervisor passw n base for battery and	ord / security k		 - 8.1GB 12ms read/13ms write 17 mm PIO Mode 4 or Ultra DMA/33 - All 760 supported disks (requires opt adaptr)
Limited warranty ¹¹ Service options ¹⁵	Rapid Depot Repair	(12 hr service from a	door depot repair serv rrival time for 3 bus da es) / serv up to 5 yrs	ny average turn	naround)	PC 97 compliant DMI 2.0 compliant
DVD and Enhance	d Video Adapter (Di	EVA) - 5.	1GB disk, 12ms, Ultra	DMA/33 1	11J8947	DMI instrumentation (thermal monitoring) ACPI ready (APM enabled) Wired for Management 1.1a compliant
provides (standard in 5AU; optional all others): - MPEG-1, MPEG-2 HHR, and full MPEG-2 hardware decoder (audio decoded via software) - DVD movie playback (MPEG-2 decoding; decryption and audio decoding via software) - Video in (composite and SVHS) (NTSC or PAL) for video capture (capture and digitize still photo images), and overlay - Video out (composite and SVHS) to TV (connect to video out port; NTSC or PAL); or record on VCR the screen of ThinkPad - Dolby® Digital AC-3® (outputs undecoded Dolby Digital signal from AC-3 connector; CSA8404A); requires external AC3 decoder/amplifier - Three ports - ① video in (② video out, ③ AC-3 Includes video in/out cable - MPEG-1, MPEG-2 HHR, and full MPEG-2 hardware decoder (audio decoded via software) - SelectaBase 770 - Selecta						Wake on LAN™ support ²⁸ C: is 1.99G, D: up to 1.99G (FAT32), etc. Setup Guide, User's Guide, Up and Running, Windows 95 manual LCD indicator panel Plug and Play 1.0a Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service ¹⁴ IBM SystemXtra™

Processor features L2 cache Diskette (removable): External FDD port CD-ROM (removble) DVD-ROM (remvble) Type - model Preload (see side) DVD or CD-ROM Display (diagonal) Disk (removable) Avail / withdr date Memory - std / max Available sockets Memory - features	512KB / write-back / 4 way set as 3.5" 1.44MB / in encased encloss External diskette port (use std castd or option: CD-ROM / 24X-10 Std or option: 2X ⁵ DVD drive / 16 9549-71U Windows 98 DVD-ROM CD-ROM L4.1" TFT XGA (1024x768) 8.1GB ⁴ / 12ms read / 13ms write October 1998 / June 1999 64MB / 320MB ²¹	e, and MTXC (North Bridge) on Molssociative/ sync pipelined burst / Eure / use in UltraBay™ II or attach e ble to attach diskette drive external X⁵ speed / bootable / hot swap/ use X-8X⁵ speed / CAV / use in UltraBay yes yes yes yes yes yes yes yes yes ye	CC / 150MHz externally lly) e in UltraBay II	WINDOWS 98 PRELOAD16 - Microsoft® Windows® 98 - Online User's Guide - ThinkPad Configuration Program - ThinkPad Utilities - IBM Registration - Puma IntelliSync 97 - Norton AntiVirus - Mediamatics DVD Express - Artisoft ConfigSafe
Preload (see side) DVD or CD-ROM Display (diagonal) Disk (removable) Avail / withdr date Memory - std / max Available sockets Memory - features	Windows 98 DVD-ROM CD-ROM 14.1" TFT XGA (1024x768) 8.1GB ⁴ / 12ms read / 13ms write October 1998 / June 1999 64MB / 320MB ²¹	Windows 98	lank (no disk)	Artisoft ConfigSafe
Available sockets 2 Memory - features 3				IBM Global Network Dialer Netscape Navigator web browser ThinkPad on the Net Ring Central
	2 available sockets SDRAM / 66MHz / non-parity / 3.3 64MB on motherboard and 2 soc	128MB / 320MB ²¹ 1 socket (one used by 64MB) 2 v / sockets accessed by removing scre kets for two JEDEC 144-pin SDRA	ew on bottom	 Intel Video Phone Ergonomics Update Connector Recovery CD-ROM (with boot diskette) Customization CD-ROM (apps/drivers)
Display - colors	14.1" (358mm) color / 1024x768 16.7 million simultaneous colors Active Matrix TFT / 180 degree t		80x1024	WINDOWS NT 4.0 PRELOAD ¹⁶
Graphics - controller Graphics - arch Graphics - features	Trident™ CYBER9397DVD / Acc 4MB SGRAM / 83MHz 3D hardware accelerator / AGP-	elerated Graphics Port / 64-bit acc	MB SGRAM ion / Direct3D	 Windows NT® Workstation 4.0 Service Pack 3 Internet Explorer 4.01 Advanced NT extensions Online User's Guide
Disk controller I		ds: latch, coin screw, security tool / 2.1 / PIIX4E / supports two internal of O Mode 4		 ThinkPad Utilities ThinkPad Configuration Program Norton AntiVirus (OEM Version)
Keyboard slope Pointing device	TrackPoint® / Press-to-Select / R	unctions / integrated palm rest par legs pop up (5.5 degrees slope) elease-to-Select / dragging / click pa magnifying glass / suspension top /		IBM Global Network Dialer Netscape Navigator web browser Ergonomics IBM Registration SystemSoft CardWizard
	12.3 x 10 x 2.2" (270 cubic in) / 1-13.7" mod: 7.63 lbs (3.46 kg) with	4.1" mod: 7.57 lbs (3.43 kg) with ba battery/diskette	ttery/diskette	ConfigSafe Puma IntelliSync 97
Battery - type I Battery - life ¹⁰ (1 batt) 3	Lithium Ion / intelligent / left side 3.5 hrs (7 hrs with second battery 2 to 3 hrs / 1.5 to 2.5 hrs	,		 ♦ Recovery CD-ROM (with boot diskette) ♦ Customization CD-ROM (apps/drivers) All models:
Port replicator Docking Station PC Card Std slots USB / serial / parallel	TI® PCI1251 for CardBus / AGP f PCI 2.1 / 32-bit / 33MHz (EIDE, C PC97338 Super I/O / ISA (audio, SelectaBase 770 / PC Card Ena SelectaDock III / SelectaDock I 2 Type 1, 2 Type II, or 1 Type III / One USB / one 9 pin serial; 16550	1EB PIIX4E (EIDE, ISA Bridge, US or graphics / LM75 digital thermom cardBus, audio, USB, ext expansio modem, diskette, serial, parallel, infr bler 18 / PC Card Enabler with Adv E and II (CardBus / PCMCIA 2.1 / Zoomed IA / one (IEEE P1284-A, EPP, ECP, arrel, 3 prong (56 watts) / Selectable	eter n) rared, ext exp) EtherJet ¹⁸ I Video , bidirectional)	- C: drive is FAT16 of 2GB - D: drive is FAT32 (if W98) or FAT16 (if NT) of remaining space The right bay (UltraBay™ II) has LED on release latch to provide status; supports hot swapping: • std diskette • std or optional DVD drive • std or optional CD-ROM
Video in/out MPEG Data/fax modem Audio support	Option on DEVA: Video in/out (co Software support for MPEG-2 ²⁷ b 56Kbps (x2, upgradeable to v.90 ⁶ integrated Mwave® 3780i DSP / in CS4239: ISA / SRS 3D audio / FN CS4610: PCI / decodes AC3 into s Int stereo speakers (front) / 1 watt	mposite and S-Video) / SAA7111A I ecause 300MHz with motion compery / voice-capable / ternational programmable DAA I synthesis / 16-bit playback and rectereo / MPEG-2 audio decoding / ac / rotary volume control (right) / int m	NTSC/PAL ensation cord coel of DirectX	 std of optional 2nd disk optional 2nd disk optional 2nd battery (requires adapter; cold swap only) optional ThinkPad Proven™ VST Zip™ 100 drive or SuperDisk (LS-120) drive (cold swap only) ThinkPad 770 supported disks:
Infrared ports I	Input jack (3.5 mm) / output jack (3.1 Infrared ports (front and back) / IrI	DA 1.1 compatible / up to 4Mbps		- 3.2GB 13ms read/14ms write 17 mm - 4.0GB 13ms read/14ms write 12.5 mm
	personalization / phillips-head scr	assword / supervisor password / sec ews on base for battery and UltraBa yServ ^{™31} Rapid Depot Repair (3 bus	ay II bays	 - 5.1GB 12ms read/13ms write 17 mm - 8.1GB 12ms read/13ms write 17 mm - All 760 supported disks (requires opt adaptr)
	average turnaround	(72 cities) / serv up to 5 yrs from pur	•	PC 97 compliant DMI 2.0 compliant
(DEVA) 10L1228 pro - MPEG-1, MPEG-2 hardware decode IBM MPEGCD1M/ - DVD movie playba decryption and auc - Video in (composi video capture (cap or VCR), still image still photo images), - Video out (composi (connect to video or record on VCR - Dolby® Digital AC Digital signal from	2 HHR, and full MPEG-2 ²⁷ er (audio decoded via software); / 2MB SDRAM; 100MHz ack ²⁷ (MPEG-2 decoding; dio decoding via software) ite and SVHS) (NTSC or PAL) for oture and digitize video from a TV e capture (capture and digitize	- 5.1GB disk, 12ms, Ultra DMA/33 - 8.1GB disk, 12ms, Ultra DMA/33 - 14.1GB disk, 12ms, Ultra DMA/3 - 2nd Disk Adapter (for 760/770 dis - SelectaBase 770 - SelectaBock III ¹⁰ - PC Card Enabler with EtherJet - 760 UltraBay Tray for SD III - 56 watt AC Adapter (barrel; 3 pro - 24X-10X CD-ROM Drive (UltraB - 2X DVD Drive (UltraBay II) - DVD and Enh Video Adapter (DE - 32MB SO DIMM 3.3v NP SDRAM - 64MB SO DIMM 3.3v NP SDRAM - 128MB SO DIMM 3.3v NP SDRAM - V.90 PC Card Modem with XJA: - ThinkPad 770 Li-lon Battery - External Battery Charger	B 02K0517 B3 02K0526 B3H6735 B3H6735 3547003 05K4820 11J8839 Dng) 83H6739 Byll) 02K0516 05K8886 EVA) 10L1228 76H0294 20L0241 M 01K1150	DMI instrumentation (thermal monitoring) ACPI ready (APM enabled) Wired for Management 1.1a compliant Wake on LAN® support28 Setup Guide, User's Guide, Windows 98 or NT manual LCD indicator panel Plug and Play 1.0a Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant International Warranty Service14 IBM SystemXtra®.35 24 hour / 7 day telephone30, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

IBM® ThinkPad®:	770Z 770Z	770Z 770Z	770Z (AAP)	WINDOWS 98 PRELOAD16
Processor Processor features L2 cache Diskette (removable) External FDD port CD-ROM (removble)	Intel® Mobile Pentium® II 366Mł No upgrade / processor, L2 cach 256KB / onboard (full speed) / s 3.5" 1.44MB / in encased enclosi	Hz¹ / 66MHz system bus e, and MTXC (North Bridge) on M ync pipelined burst / write-back / ure / use in UltraBay™ II or attach ble to attach diskette drive extern X⁵ speed / bootable / hot swap/ u	obile Module ECC externally ally) se in UltraBay II	- Microsoft® Windows® 98 Online User's Guide ThinkPad Configuration Program ThinkPad Utilities IBM Registration Puma IntelliSync 97 Norton AntiVirus (OEM Version)
Type - model Preload (see side) DVD or CD-ROM Display (diagonal) Disk (removable) Avail / withdrawn	9549-81U Windows 98 DVD-ROM 14.1" TFT XGA (1024x768) 14.1GB ⁴ / 12ms / 4902rpm / PIO4 February 1999 / December 1999	Windows 98	9549-83U (AAP) Blank (no disk) Optional 14.1" TFT XGA None	Mediamatics DVD Express (DVD mod) ConfigSafe IBM Global Network Dialer Netscape Communicator Universal Management Agent Access ThinkPad
Memory - std / max Available sockets Memory - features	1 available socket (one used by 6 SDRAM / 66MHz / non-parity / 3.3	64MB SO-DIMM) By / sockets accessed by removing so kets for two JEDEC 144-pin SDR	crew on bottom AM SO-DIMMs	ThinkPad on the Net RingCentral Intel Video Phone IBM Update Connector Software Selections CD-ROM
Display - size Display - colors Display - technology		3 13.7" (348mm) SXGA color / 1: 5 65,536 simultaneous colors at tilt		
Graphics - arch Graphics - features Graphics - external	External SVGA to 1280x1024 w/6	8MB SGRAM / 83MHz -1x / sideband / motion compens 64K colors (85Hz) / multiple-monito	4MB SGRAM sation or support ²⁶	WINDOWS NT 4.0 PRELOAD16 - Windows NT® Workstation 4.0 - Service Pack 4a • Online User's Guide
Disk (swappable) Disk controller		ds: latch, coin screw, security tool 2.1 / PIIX4E / supports two interna IO Mode 4		ThinkPad Utilities ThinkPad Configuration Program Norton AntiVirus (OEM Version) Discourse Program ThinkPad Utilities ThinkPad Utilities
Keyboard / Fn keys Keyboard slope Pointing device	TrackPoint®/Press-to-Select/R	functions / integrated palm rest ear legs pop up (5.5 degrees slope telease-to-Select / dragging / click magnifying glass / suspension top	pace/	IBM Global Network Dialer Netscape Communicator Universal Management Agent Access ThinkPad IBM Update Connector
Dimensions / weight ²	² 12.3 x 10 x 2.2" (270 cubic in) / <i>1</i> 13.7" mod: 7.85 lbs (3.56 kg) with		pattery/DVD	IBM Registration SystemSoft CardWizard
	4.0 hrs (8 hrs with second battery f 2 to 3 hrs / 1.5 to 2.5 hrs	in UltraBay II) / lithium Ion / intellig	gent / left side	ConfigSafe Puma IntelliSync 97
Architecture	TI® PCI1251 for CardBus / AGP f PCI 2.1 / 32-bit / 33MHz (EIDE, C	1EB PIIX4E (EIDE, ISA Bridge, U for graphics / LM75 digital thermo CardBus, audio, USB, ext expansi modem, diskette, serial, parallel, ir	meter ion)	Software Selections CD-ROM Recovery CD-ROM (Windows NT)
Port replicator Docking Station PC Card Std slots USB / serial / paralle Other features	SelectaBase 770 / PC Card Ena SelectaDock III ¹⁸ / SelectaDock 2 Type 1, 2 Type II, or 1 Type III / I One USB / one 9 pin serial; 16550	bler ¹⁸ / PC Card Enabler with Adv : I and II / CardBus / PCMCIA 2.1 / Zoome	ed Video P, bidirectional)	All models: - C: drive is FAT16 of 2GB - D: drive is FAT32 (if W98) or FAT16 (if NT) of remaining space The right bay (UltraBay™ II) has LED on
Video in/out MPEG-2 playback ²⁷ DVD movie playback ³ Data/fax modem	Option on DEVA: Video in/out (cc W98 models: Full MPEG-2 playb 4 W98 models: Yes 56K ²² / V.90 / integrated Mwave®	omposite and S-Video) / SAA7111 back <i>NT models:</i> Optional via <i>NT models:</i> No (limitation	ANTSC/PAL DEVA	release latch to provide status; supports hot swapping: • std diskette • std or optional DVD drive
Audio support Jacks	CS4610: PCI / decodes AC3 into s	A synthesis / 16-bit playback and restereo / MPEG-2 audio decoding / at / rotary volume control (right) / int	accel of DirectX	 std or optional CD-ROM optional 2nd disk optional 2nd battery (requires adapter; cold swap only) optional ThinkPad Proven™ VST Zip™
Infrared ports	Infrared ports (front and back) / Irl	DA 1.1 compatible / up to 4Mbps	a a unituu kauda ala /	100 drive or SuperDisk (LS-120) drive (cold swap only)
Security Limited warranty11	personalization / phillips-head scr	assword / supervisor password / some on base for battery and UltraE	Bay II bays	PC 97 compliant DMI 2.0 compliant
Limited warranty ¹¹ Service options ¹⁵	average turnaround)	yServ ³¹ Rapid Depot Repair (3 bus (72 cities) / serv up to 5 yrs from p	•	DMI instrumentation (thermal monitoring) ACPI ready (APM enabled)
Optional DVD and E	Enhanced Video Adapter	- 5.1GB disk, 12ms, Ultra DMA/3	33 11J8947	Wired for Management 1.1a compliant Wake on LAN® support ²⁸
hardware decod IBM MPEGCD1M DVD movie playt decryption and au Video in (compos video capture (cal or VCR), still images still photo images Video out (compo (connect to video or record on VCR Dolby® Digital Ad Digital signal from requires external	2 HHR, and full MPEG-2 ²⁷ er (audio decoded via software); 1/2MB SDRAM; 100MHz back ²⁷ (MPEG-2 decoding; Idio decoding via software) site and SVHS) (NTSC or PAL) for pture and digitize video from a TV ge capture (capture and digitize	- 8.1GB disk, 12ms, Ultra DMA/3 - 14.1GB disk, 12ms, Ultra DMA/2 - 2nd Disk Adapter (for 760/770 d - SelectaBase 770 - SelectaDock III ¹⁸ - PC Card Enabler 18 - PC Card Enabler with EtherJet - 760 UltraBay Tray for SD III - Ultraslim 56 watt AC Adpter (3 p - 24X-10X ⁶ CD-ROM Drive (Ultra - 2X ⁵ DVD Drive (UltraBay II) - DVD and Enh Video Adapter (I - 32MB SO DIMM 3.3v NP SDRAI - 64MB SO DIMM 3.3v NP SDRAI - 128MB SO DIMM 3.3v NP SDRAI - 128MB SO DIMM 3.3v NP SDRAI - V.90 PC Card Modem with XJ - ThinkPad 770 Li-lon Battery	/33 02K0526 lisks) 11J8836 83H6735 3547003 83H6741 05K4820 11J8839 prong) 02K6545 aBy II) 02K0516 05K8886 DEVA) 10L1228 W 76H0294 W 20L0241	Setup Guide, User's Guide, Windows 98 or NT manual LCD indicator panel Plug and Play 1.0a Non-disruptive battery exchange Standby, suspend, safe suspend, and hibernation modes ENERGY STAR compliant Asset ID wireless RF technology (available only as an AAP option on the 770Z model 83U; Atmel® AT24RF08 EEPROM) International Warranty Service ¹⁴ IBM SystemXtra®35 24 hour / 7 day30 telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support

ThinkPad Power Series 820 - withdrawn

Processor type L2 cache Processor 1/2 upgrade Processor 1/2 upgra	IBM® ThinkPad®;	> 820 PowerPC - TFT color - CD-ROM Thir					nkPad Power Series 820 strengths:				
Removable CD-ROM 5.25** CD-ROM 0 / double speed / multi-seasion / XA / SCSI-2 / bootable The middle by supports either the standard double with the standard cD-ROM Available date Default	Processor type L2 cache Processor /L2 upgrade Removable diskette	Power PC 603e / 100/33 M 256 KB / write through / 2 w None Internal or external 3.5" 1.4 Can use diskette and CD-R	IHz / 32 KE yay associ 4 MB ◯ / € OM simul	ative / 32 bit external disk taneously as	ette drive	connector	⇔ A ⇔ R	NX or NT preloaded (or no operating sys) Removable, double speed, 5.25" CD-ROM Standard or optional Video Card			
Available date July 1995 or fater (filsted below) SCS12-F3 (for disk, C.DROM) / external SCS12-50 pin connector ScS2-12 set, for disk, C.DROM) / external SCS12-50 pin connector ScS2-12 set, for disk, C.DROM) / external SCS12-50 pin connector ScS2-12 set, for disk, C.DROM Fater set, for disk, C.DROM Fater set, for disk, C.DROM Fater set, for disk, C.DROM ScS2-12 set, for disk, C.DROM Fater set, for disk, C.DROM ScS2-12 set, for disk, Database ScS2-12 set, for disk, C.DROM ScS2-12 set, for disk, Database ScS2-12 set, for disk, C.DROM ScS2-12 set, for disk, Database ScS2-12 set, for disk, C.DROM ScS2-12 set, for disk, Database ScS2-12 set, for disk, Data	Removable CD-ROM	5.25" CD-ROM () / double	speed/m								
Display - identified Type - model Available date Disk controller Removable disk - size	July 1995 or later (listed bel SCSI-2 Fast (for disk, CD-R	ROM) / ext	ernal SCSI-: IB 14 ms □	2 50 pin co	onnector 3B 12 ms O	ı	- Ultimedia Services Ver 2.1.2 - Insignia SoftWindows Ver 1.1				
Caphins - vendor - Vendor Caphins - Vendor - Vendor Caphins - Vendor - Vendor Caphins - Vendor - Vendor Caphins - Vendor Caphins - Vendor - Ve	Display - type Display - techology Display - diagonal size	Black Matrix TFT - active i	matrix / up	p to 65,536 s	simultane		;	- Power, Performance, Potential multimedia presentation			
Compuserve WinCiMP Power Series Ed Mem - sockets (als MB on - sockets)	Graphics - controller Graphics - vendor Graph - arch/data path Video function	Western Digital / External S PCI 2.0 / 32 bit / Simultane Some: Video acceleration	SVGA to 10 ous LCD a n/compos	024 x 768 w/ and CRT / 18 site in/out (/ 256 color 30 degree called G10	rs (up to 75 tilt) Graphics v	vith	backup, Pers Conferencing for AIX(some) - Black 3 button mouse Microsoft Windows NT 3.51 Workstation - Essentials! (catalogs and support)			
Full Size alphrum / 34 (no 1-n key) Easy-settlp is entered by noticing F1 when power on	Memory - std / max Mem - sockets Mem-options available	Standard: 1 or 2 SO DIMMs	s; available DIMMs	e: 2 or 1 SO	DIMM so	ckets (16 MI DIMM	(s) std)	- Compuserve WinCIM Power Series Ed - Introducing ThinkPad Power Series 820			
Bilmensions 11.7 x 8.3 x 2.2" (213 cubic inches) Color	Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Palm rest space TrackPoint III™			entered b	y holding F ²	I when	backup No preloaded operating system CD-ROMs included: Program Pack,			
Weight (with battery) Battery - type Battery - typ	Dimensions Color		inches)		ALL 820 I	MODELS		(when available)			
Battery - Type Batte	Weight (with battery)										
SA (audio, PCMCIA, diskette, serial, parallel, 120-pin external expansion) VL-Bus 2.0 / 32 bit (graphics via PCI-to-VL Bridge) VL-Bus 2.0 / 32 bit (gr	Battery - type Battery - life Charge time - on / off	2 to 5 hours	lligent				arive,	(some models) provides:			
Data/fax modem Audio support Audio support Audio support Audio in/out jacks Infrared ports Audio in/out jac	Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports	ISA (audio, PCMCIA, diskette, serial, parallel, 120-pin external expansion) VI-Bus 2.0 / 32 bit (graphics via PCI-to-VL Bridge) None None 2 Type I or 2 Type II or 1 Type III					,	may be scaled up to full screen without frame rate degradation - Composite in (from camcorder, TV, VCR) for video capture (capture and digitize video), still image capture (capture and digitize still photo images),			
Security loop (locking lever) / Keyboard lock / Locking device keyhole (Kensington™ MicroSaver™ cable lock) / PCMCIA card lock	Data/fax modem Audio support Audio in/out jacks Infrared ports	None (use PCMCIA) CD quality audio (44.1 kHz Internal stereo speakers (.5 Internal microphone / IBM P Input jack / output jack	z, 16 bit, s	tereo) / Crys	stal Semic	onductor™	CS4231	capturing if to disk). Uses NTSC or PAL - Composite out (to camcorder, TV, VCR) in NTSC. - Includes a cable with in/out RCA jacks to connect to the "integrated video			
Preinstalled software Warranty Warranty Warranty options Choice: none or select a supported operating system (listed on side)	Security	security loop (locking lever)	/ Keyboa	rd lock / Loc	king devic	e keyhole k		- Disks: 540 MB SCSI-2 30H1388			
Type-Model Part Mem Disk LCD Graphics Op Sys Price Avail - 8 MB SO DIMM parity - 8 MB SO DIMM parity 92G725 ≪ 6040-OCD30H1553 32 MB 1.2 GB 800x600 G10 None \$ 7,999 Aug 95 - 16 MB SO DIMM parity 92G725 ≪ 6040-OED30H1555 32 MB 1.2 GB 800x600 G10 NT 8,299 Aug 95 ≪ 6040-06D 30H1477 32 MB 810 MB 800x600 G10 None 7,549 Jul 95 ≪ 6040-08D 30H1487 32 MB 810 MB 800x600 G10 NT 7,849 Jul 95 ≪ 6040-966 30H1480 32 MB 810 MB 800x600 G10 NT 7,849 Jul 95 ≪ 6040-966 30H1481 16 MB 810 MB 640x480 G10 w/ Motion NT 6,749 Jul 95 ≪ 6040-977 30H1486 32 MB 810 MB 640x480 G10 w/ Motion NT 6,749 Jul 95 ≪ 6040-026 30H1487 16 MB 540 MB 640x480	Preinstalled software Warranty Warranty options	3 year - ThinkPad EasySer	v '		tem (liste	d on side)		1.2 GB SCSI-2 30H1467 - AC Adapter 50 watts 30H1403 - 820 Travel Quick Charger 30H1373			
	> 6040-OCD30H155 > 6040-ODD30H155	33 32 MB 1.2 GB 800xl 54 32 MB 1.2 GB 800xl	600 G1 600 G1	0	None AIX	\$ 7,999 8,799	Aug 95 Aug 95	- IBM Personal Microphone 12H1504 - 8 MB SO DIMM parity 92G7255 - 16 MB SO DIMM parity 92G7257			
≪6040-966 30H1482	≥ 6040-07D 30H147	78 32 MB 810 MB 800x	600 G1	0	AIX	8,399	Jul 95	Battery life and other indicators Non-disruptive battery exchange Suspend mode US EPA Energy Star compliant Personalized nameplate in molded indention Compatible with PowerPC Reference			
30H1489 16 MB 540 MB 640x480 G10 NT 5,999 Jul 95 International Warranty 3 year warranty 1 mternational Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support 1 mternational Warranty 1 mternational Warranty 1 mternational Warranty 2 mternational Warranty	≥ 6040-986 30H148	34 16 MB 810 MB 640x	480 G1	0 w/ Motion	NT	6,749	Jul 95				
30 day money back guarantee	≈6040-026 30H148	39 16 MB 540 MB 640x	480 G1	0	NT	5,999	Jul 95	3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM warranty/service			

ThinkPad Power Series 850 - withdrawn

IBM® ThinkPad®;	>≈ 850 PowerPC - TFT color - CD-ROM - Video Card		ThinkPad Power Series 850 strengths:
Processor type L2 cache Processor /L2 upgrade Removable diskette	Power PC 603e / 100/66 MHz / 32 KB L1 cache 256 KB / write back / direct mapped / 64 bit transfers None Internal or external 3.5" 1.44 MB O / external diskette drive connector		 PowerPC performance Collaborative and conversational computing Removable, double speed, 5.25" CD-ROM Video card (acceleration, composite video) Optional top mounted video camera
Removable CD-ROM	5.25" CD-ROM O / double speed / mult The middle bay supports either the stand		
Type - model Available date Disk controller Removable disk - size	6042-xxx (listed below) July 1995 or later (listed below) SCSI-2 Fast (for disk, CD-ROM) / exterr Choice: 540 MB 14 ms	Ultimedia Services Ver 2.1.2 Insignia SoftWindows Ver 1.1 Speech Dictation Personal Conferencing for AIX on CD	
Display - type Display - techology Display - diagonal size	Choice: Color 640 x 480 or Color 800 x Black Matrix TFT - active matrix / up to 10.4 inch / 100 to 1 contrast ratio for 640	Essentials! (catalogs and support) Power, Performance, Potential multimedia presentation	
Graphics - controller Graphics - vendor Graph - arch/data path Video function Video camera	WD90C24A Rev C with 1 MB DRAM (c Western Digital / External SVGA to 1024 PCI 2.0 / 32 bit / Simultaneous LCD and Video acceleration / composite in/out Option: CCD camera on top of LCD / NT	- Black 3 button mouse Video) Microsoft Windows NT 3.51 Workstation	
Memory - std / max Mem - sockets Mem-options available	16 or 32 MB / 80 to 96 MB 70 ns / pari Standard: 2 SO DIMMs in 2 SO DIMMs 4, 8, 16, 32 MB IC DRAMs / must be ins	- Introducing ThinkPad Power Series 850	
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 84 (no Fn key) Yes (legs pop out) / palm rest space TrackPoint III™ Yes (with option cable)	- CD-ROMs included: Program Pack, NT backup 3 No preloaded operating system - CD-ROMs included: Program Pack, Personal Conferencing for AIX	
Dimensions Color	11.7 x 10.2 x 2.4" (286 cubic inches) Black	ALL 850 MODELS	
Weight (with battery)	7.96 pounds (with CD-ROM)	Liftable (pop-up) keyboard access and remove CD-R	
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / Intelligent 2 to 5 hours 2 hrs / 1.5 hrs	diskette drive, disk, and mem (Battery removed from sid	- Acceptation of motion video with
Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	PCI 2.0 / 32 bit / 33 MHz / 5 volt (SCSI, ISA (audio, PCMCIA, diskette, serial, p VL-Bus 2.0 / 32 bit (graphics via PCI-to None None 2 Type I or 2 Type II or 1 Type III One 9 pin; 16550A / Enhanced Parallel Universal AC adapter, 50 watts, not wall	TV, VCR) for video capture (capture and digitize video), still image capture (capture and digitize still photo images), and overlay (view video on LCD without capturing it to disk). Uses NTSC or PAL	
Data/fax modem Audio support Audio in/out jacks Infrared ports	None (use PCMCIA) / voice-over-data u CD quality audio (44.1 kHz, 16 bit, ster Internal stereo speakers (1 watt each) / Internal microphone / IBM Personal Micr Input jack / output jack / line in / line out None	sing industry standard modems eo) / Crystal Semiconductor™ CS dial volume control ophone (earphone and headset)	the screen to VCR - ThinkPad 850 includes in/out RCA jacks on the back of the system
Security	Power-on password / Supervisor passw security loop (locking lever) / Keyboard (Kensington™ MicroSaver™ cable lock)	ock / Locking device keyhole	Options for ThinkPad Power Series 850: - Disks: 540 MB SCSI-2 30H1388 810 MB SCSI-2 30H1392 1.2 GB SCSI-2 30H1467
Preinstalled software Warranty Warranty options	Choice: none or select a supported operating system (listed below) 3 year - ThinkPad EasyServ ThinkPad EasyServ Overnight Repair Option		- AC Adapter 50 watts 30H1403 - Video Camera (NTSC) 85G2715 - 850 NiMH Battery Pack 85G2671
Type-Model Part	Mem Disk LCD Grap	ohics Op Sys Price Av	- 850 Quick Charger 85G2662 <u>rail</u> - IBM Personal Microphone 12H1504
×6042-9CD 29H817 ×6042-9DD 29H817 ×6042-9ED 29H817	0 32 MB 1.2 GB 800x600 G10 w 1 32 MB 1.2 GB 800x600 G10 w	/Motion None \$ 8,999 Aug /Motion AIX 9,849 Aug	9 95 - 4 MB IC DRAM 70ns 5v parity 92G7238 9 95 - 8 MB IC DRAM 70ns 5v parity 92G7234 - 16 MB IC DRAM 70ns 5v parity 92G7234 - 32 MB IC DRAM 70ns 5v parity 92G7235
≈6042-96D 29H819 ≈6042-97D 29H819 ≈6042-98D 29H819	7 32 MB 810 MB 800x600 G10 w	/ Motion None 8,549 Jul / Motion AIX 9,399 Jul / Motion NT 8,849 Jul	95 FEATURES OF 850 MODELS
≈6042-967 29H817 ≈6042-977 29H817 ≈6042-987 29H817	6 32 MB 810 MB 640x480 G10 w 8 32 MB 810 MB 640x480 G10 w	/ Motion None 8,149 Jul / Motion AIX 8,999 Jul / Motion NT 8,449 Jul	Suspend mode US EPA Energy Star compliant Personalized nameplate in molded indention Compatible with PowerPC Reference Platform™ Specifications (PReP) v1.1
≈6042-906 29H818 ≈6042-926 29H818 Compatible in 820 an		/ Motion None 6,669 Jul / Motion NT 6,999 Jul eter	3 year warranty International Warranty Service 24 hour / 7 day telephone, bulletin board, fax, and electronic support IBM warranty/service
30 day money back guarantee			

- MHz only measures microprocessor internal clock speed (or bus speed where indicated), not application performance. Other factors also affect application performance.
- Unless otherwise indicated, weight includes battery (and travel cover on ThinkPad 600) and excludes external diskette, CD, and/or DVD drives if applicable; actual weight may vary due to vendor components, manufacturing process and options.
- Current available memory options allow memory expansion up to 160MB using two 64MB SDRAM SO DIMMs in the two available slots for memory expansion. Memory expansion beyond 160MB will depend on the availability of memory options larger than 64MB built to IBM ThinkPad 600-770 specifications and such availability cannot be assured. EDO memory is not supported in ThinkPad 770E/ED models.
- GB means billion bytes when referring to hard drive capacity. Accessible capacity varies.
- Variable read rate. Actual playback speed will vary and is often less than the maximum possible.
- OVD drive required for ThinkPad 770 models (standard in some models). For Dolby Digital output, the 'DVD and Enhanced Video Adapter' (11J8957) must be installed (standard in some models) and the ThinkPad notebook connected to appropriate receiver and external speakers.

- ThinkPad notebooks are delivered with Windows 98 preloaded on the hard disk drive and a Windows 98 Recovery CD in the box. For customers who prefer Windows 95, a Windows 95 Recovery CD is also included for installation of Windows 95. Installation of Windows 95 results in removal of the Windows 98 preload.
- Upgrade on 9549-1AU (770) and -5AU (770ED) and 770X via Internet software download at no additional charge (Internet access fees excepted). Software upgrade via the Internet to the V.90 56K ITU standard beginning in 4Q98. Subject to change without notice. x2 modems are designed to be capable of receiving data at up to 56Kbps from an x2-compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- Software upgrade via the Internet to the V.90 56K ITU standard beginning 4Q98. Subject to change without notice.
- ¹⁰ Results obtained using BAPCo (Business Applications Performance Corporation) SYSmark Benchmark Test. Battery life and recharge times will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery life may be less using Windows NT.

- ¹¹For terms and conditions or a copy of IBM's Statement of Limited Warranty, call 1 800 772-2227 in the U.S. and in Canada, call 1 800 426-2255.
- ¹² IBM makes no warranties, expressed or implied regarding ThinkPad Proven products and services, including Year 2000 readiness and any implied warranties of merchantability and fitness for a particular purpose.
- ¹³ If you qualify and subject to condition.
- 14 Available in those countries where IBM and IBM resellers sell and service ThinkPad products. Registration required. Service level is based on the standard service for ThinkPad notebooks in that particular country.
- ¹⁵ Service options available based on specific ThinkPad notebook purchased; not all machine types and models are eligible, other limitations apply. Call 1800 426-3395 and request document #11008 or call your IBM authorized reseller for additional information. Service options must be purchased during the original product warranty period.
- 16 Some software may differ from its retail version (if any) and may not include user manuals or all program functionality. Warranty, service and support for non-IBM products are provided directly to you by third parties, not IBM. IBM makes no representations or warranties regarding non-IBM products. For non-IBM software applicable third-party software licenses may apply.

- ¹⁷ SelectaDock III, PC Card Enabler, and/ or PC Card Enabler with Advanced EtherJet Feature requires optional SelectaBase 600
- ¹⁸ SelectaDock III, PC Card Enabler, and/ or PC Card Enabler with Advanced EtherJet Feature requires optional SelectaBase 770.
- On ThinkPad 600, DVD drive supports standard CD-ROM and data-only DVD discs. DVD movie playback requires an optional third-party DVD PC Card adapter. DVD movie playback not supported with Windows NT.
- ²⁰ Lotus SmartSuite may be preinstalled or provided on CD-ROM depending on the model. Diskettes and hard copy documentation are available at an extra charge.
- ²¹ The IBM ThinkPad 770X is designed to recognize up to 320MB of addressable memory with the new Mobile Pentium II processor at 300MHz. 64MB or 128MB of new, fast SDRAM SO DIMM system memory (RAM) is standard, depending on model. Current available memory options allow memory expansion up to 320MB using two 128MB SDRAM SO DIMMs in the two user accessible slots for memory expansion. On models with the 13.7-inch display, one of these slots is currently occupied with a 64MB SDRAM that provides the standard 128MB of system memory. This 64MB SDRAM would have to be removed and replaced with a 128MB SDRAM to achieve the 320MB maximum.
- ²² These 56K V.90 modems are designed to be capable of receiving data at up to 56Kbps from a compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.

- ²³ x2 modems are designed to be capable of receiving data at up to 56Kbps from an x2-compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- ²⁴ Designed to be capable of receiving at up to 56kbps with x2 or V.90 compatible phone line and server equipment, and transmitting at up to 31.2kbps. Public networks currently limit download speeds to about 53kbps. Actual speeds vary and are often less than the maximum.
- ²⁵ For ThinkPad 600 or 600E, to achieve 288MB memory configuration on models with 64MB standard, you need to replace one 32MB SDRAM SO DIMM in the memory slot with 128MB SDRAM SO DIMM and add a second 128MB SDRAM SO DIMM.
- Multiple monitor support gives you the ability to expand your ThinkPad desktop area by attaching an external monitor or second display, allowing you to view two different applications running simultaneously. External device must support the same maximum resolution and refresh rate as that of the built-in notebook display. Available video memory may limit resolution and/ or color depth. Individual application support for this feature will vary.
- ²⁷ Software-supported MPEG-2 playback is supported on ThinkPad 770X and 770Z models with Windows 98. Software-supported MPEG-2 playback and support for video capture on Windows NT models requires the optional 'DVD and Enhanced Video Adapter'.

- ²⁸ For ThinkPad 770, IBM Wake on LAN support available via the optional SelectaBase 770 and PC Card Enabler with Advanced EtherJet Feature or SelectaDock III and a Wake on LAN network interface card. For ThinkPad 600, IBM Wake on LAN support available via the optional SelectaBase 600 and PC Card Enabler with Advanced EtherJet Feature or SelectaDock III and a Wake on LAN network interface card. For the ThinkPad 380Z, 390, 560Z, and 570, IBM Wake on LAN support available via the optional ThinkPad Port Replicator with Advanced EtherJet Feature.
- ²⁹ S.M.A.R.T. is defined as Self-Monitoring, Analysis and Reporting Technology.
- ³⁰ Response time varies. May exclude some holidays.
- ³¹ThinkPad EasyServ: customer calls 1-800-772-2227, courier service picks up ThinkPad system at most North American locations, IBM repairs and mails back (no shipping charges, most shipping is overnight, five business day average turnaround). Rapid Depot Repair (12-hour turnaround at depot from the time the machine arrives at the depot; three business day average turnaround) is standard for ThinkPad 600 and 770 systems in warranty and included for all ThinkPad systems as part of any mobile warranty upgrade. sent. Service levels are response objectives and are not guaranteed.

- ³² Onsite service: for customers who have purchased on-site service options, LCD screen replacements and other selected repair replacements may be completed at a Depot repair center at IBM's discretion. National on-site coverage is available for selected ThinkPad products 8 a.m. to 5 p.m., customer's time zone, Monday through Friday, excluding holidays, next business day response. Not available in Alaska, Hawaii, Montana, and Wyoming (depot repair service only). Available in selected locations in other states.
- 33 Maximum memory varies depending on model, and may require replacement of standard memory with optional maximum memory module.
- ³⁴ On ThinkPad 770X and 770Z, softwaresupported DVD movie playback is supported with an optional DVD drive (standard on some models) and Windows 98. All other 770 models require the optional DVD and Enhanced Video Adapter and either Windows 95 or Windows 98 for DVD movie playback.
- ³⁵ SystemXtra is available to commercial and state and local government customers with valid credit. Program is subject to change without notice. Additional terms, conditions and limitations may apply. IBM Global Financing offerings are made available through IBM Credit Corporation in the US and other IBM subsidiaries and divisions worldwide

- ³⁶ ThinkPad 390, 570 and 600: thickness may vary at certain points on the system.
- ³⁷ These 56K V.90 modems are designed to be capable of receiving data at up to 56Kbps from a K56Flex or V.90 compatible service provider, and transmitting data at up to 31.2Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.
- 38 DVD movie playback not supported with Windows NT.
- 39 External device must support the same maximum resolution and refresh rate as that of the built-in notebook display.

These systems ship with an operating system.

As an ENERGY STAR Partner, the IBM Personal Systems Group has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

- ⁴⁰ Delivered with Windows 98 SE preloaded on the hard disk drive and a Windows 98SE Recovery CD in the box. For customers who prefer Windows 95, a Windows 95 Recovery CD is also included for installation of Windows 95. Installation of Windows 95 results in removal of the Windows 98 preload.
- ⁴¹ For the models with Intel SpeedStop technology, denotes maximum performance mode; battery optimization mode is a lower MHz speed.



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