

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Chip-set	Preload	Avail date
✕ 0769-ALU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB <sup>8</sup>	Combo	Lenovo 11b/g <sup>11</sup>			GM	Home Basic	Oct 07
✕ 0769-AMU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Oct 07
✕ 0769-ANU	Pentium T2310	1.46	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Oct 07
✕ 0769-APU	Pentium T2310	1.46	1GB	15.4" WXGA	Cam	GMA	160G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	XP Pro	Oct 07
0769-ASU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Home Basic	Dec 07
0769-ATU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Dec 07
✕ 0769-AUU	Pentium T2330	1.60	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Dec 07
0769-AVU	Pentium T2330	1.60	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	Home Prem	Dec 07
0769-F8U	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Intel 11a/b/g <sup>11</sup>			GM	Home Basic	Apr 08
0769-F9U	Pentium T2390	1.86	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Intel 11a/b/g	Blue	Finger	GM	Home Prem	Apr 08
0769-FAU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	120G	DVD±RW	Intel 11a/b/g		Finger	GM	Business 32	Apr 08
0769-FBU	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Business 32	May 08
Ⓢ 0769-FCU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	160G	DVD±RW	Intel 11n <sup>2B</sup>		Finger	GM	XP Pro	Jun 08

These Lenovo N200 models use a 15.4" widescreen display

Positioning Processor	<i>Widescreen flexibility; two-spindle</i> <b>Intel® Celeron® Processor 530, 540, or 550</b> with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or <b>Intel Pentium® Processor T2310, T2330, or T2390</b> with <b>dual-core</b> , Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache										<b>Preloaded operating system<sup>20</sup></b> - Some: Microsoft Windows XP Professional with Vista® COA - Some: Microsoft Windows Vista Home Basic Edition (32-bit) - Some: Microsoft Windows Vista Home Premium Ed (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) ◇ Vista models: Vista Basic logo			
Memory	<b>512MB or 1GB</b> std / 4GB max <sup>7/</sup> <b>PC2-5300 667MHz DDR2</b> , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available										- Some: Microsoft Windows Vista Home Premium Ed (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit)			
Diskette drive	None (use optional USB-based diskette drive)										◇ Vista models: Vista Basic logo			
EIDE Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X <sup>21</sup> speed, fixed, not removable, 12.7mm										<b>Preloaded applications<sup>14</sup></b> (all OSes) • Lenovo Care <sup>SM</sup> Tools – Rescue and Recovery <sup>TM</sup> – System Update – Password Manager – Access Connections <sup>TM</sup> • Norton Internet Security <sup>TM</sup> (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor <sup>TM</sup> (diagnostics) • Adobe® Reader • Picasa from Google • Diskeeper® Lite (XP models) • Diskeeper Home (Vista models) • Corel® Small Business Center <sup>TM</sup> with WordPerfect® Office 12 • QuickBooks Financial Center • Network Magic <sup>TM</sup> (Vista only) • Windows Live <sup>TM</sup> Toolbar • Windows Live Search • QuickBooks Financial Center (Vista only) • Microsoft Office 2007 Trial (60-day) • EarthLink (Vista Home Basic models only)			
EIDE DVD±RW	Some: DVD burner, dual-layer support, fixed, not removable, 12.7mm high													
SATA disk	<b>80GB<sup>8</sup></b> (5400 rpm), <b>120GB</b> (5400 rpm), or <b>160GB</b> (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable													
Widescreen display	<b>15.4"</b> (391.1mm) <b>WXGA (1280x800) TFT color, VibrantView</b> (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio													
Camera	Some: camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0													
Graphics	<b>Intel Graphics Media Accelerator X3100</b> , in GM965													
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo Care <sup>SM</sup> button													
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)													
Dimensions <sup>3</sup>	<i>6-cell (WxDxH):</i> 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; <i>9-cell (WxDxH):</i> 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm with optical drive and battery: <i>6-cell:</i> 6.02 lb to 6.34 lb (2.73 to 2.88 kg)													
Weight <sup>2</sup>	Silver top; silver bottom													
Case color	Silver top; silver bottom													
Case material	ABS plastic													
Battery - type	Lithium Ion <b>6-cell</b> , smart battery													
Battery - life <sup>10</sup>	<i>6-cell:</i> up to 3.5 hr; <i>optional 9-cell:</i> up to 4.9 hr													
Chipset	<b>Mobile Intel GM965 Express Chipset</b> (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)													
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)													
Multicard Reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO <sup>TM</sup> , Secure Digital, xD-Picture Card <sup>TM</sup> )													
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)													
Mini PCI Express	One Mini PCI Express slot, not customer upgradable													
Lenovo 11b/g <sup>11</sup>	Some: 11b/g wireless <sup>4</sup> , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset													
Intel 11a/b/g <sup>11</sup>	Some: 11a/b/g wireless <sup>4</sup> , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG													
Intel 11n <sup>2B</sup>	Some: 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)													
Bluetooth <sup>TM</sup>	Some: Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator													
Modem	56K V.92 <sup>6</sup> modem, not customer accessible													
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3										65-watt AC adapter (GMA X3100 graphics models) Wireless on/off switch RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> via 800-426-7378			
Audio support	Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Security	Power-on password, hard disk password, supervisor password, security keyhole													
Fingerprint reader	Some: <b>Fingerprint reader on palm rest</b> , swipe sensor, no preboot support													
Limited warranty <sup>12</sup>	<b>1-year</b> - EasyServ <sup>TM,19</sup> depot repair service / service upgrades <sup>22</sup> available													
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	Lenovo C200/N200 15W Battery 6-cell	40Y8322											
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo N200 15W Li-Ion Battery 9-cell	41U5027											
USB 2.0 Essential Memory Key 32GB	45K1258	ThinkPad® and Lenovo 65W AC Adapter	40Y7696											
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	90W Slim AC/DC Combo Adapter	41N8460											
USB 2.0 Super Multi-Burner Drive	41N5565	ThinkVision® L2240p Wide 22" Monitor	4422HB6											
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ThinkVision L2440p Wide 24" Monitor	4420HB2											
Lenovo Laser Mouse (USB, PS/2)	41U3074	Lenovo Carrying Case - Messenger Max	41U5253											
ExpressCard Gemplus Smart Card Reader	41N3043	Lenovo Case - Performance Backpack	41U5254											
Other accessories on O-N200 sheet	Others at <a href="http://lenovo.com/accessories">http://lenovo.com/accessories</a>													

See footnotes for important warranty information

Ⓢ US model announced June 24, 2008; previous models on Oct 2, Dec 4, 2007, Apr 8, or May 6, 2008

✕ US models withdrawn effective December 2007

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**Partial list of accessories supported on:**

- **Lenovo N200 14W originally announced on May 22, 2007**
- **Lenovo N200 15W originally announced on May 9, 2007**

**Memory**

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

**Storage and removable storage**

USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07

**Expansion**

USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ann 02/26/08
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

**Keyboard**

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

**Mouse**

Optical Wheel Mouse (USB)	06P4069	ann 05/21/03
Optical ScrollPoint® Mouse (USB, PS/2)	31P7405	ann 08/27/02
Optical Wheel Travel Mouse (USB, PS/2)	31P7410	ann 06/04/02
Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse (blk, via USB)	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse (red, via USB)	51J0198	ann 11/25/08
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008	ann 01/22/08
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04

**Security**

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06
<i>ExpressCard/54 slot:</i>		
ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06

**Multimedia**

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

**Power Accessories**

*N200 14W (0687) only:*

Lenovo N200 14W Li-Ion Battery 6-cell	41U5025	ann 05/22/07
Lenovo N200 14W Li-Ion Battery 9-cell	41U5026	ann 05/22/07

*N200 15W (0769) only:*

Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	ann 10/17/06
Lenovo N200 15W Li-Ion Battery 9-cell	41U5027	ann 05/09/07

*All models:*

ThinkPad and Lenovo 65W AC Adapter <sup>45</sup>	40Y7696	ann 09/20/05
<sup>45</sup> Only compatible with the 945GM and GM965 chipset models.		
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

**Carrying Cases**

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

**Monitors**

ThinkVision® L174 17" Monitor	9227AE1	ann 04/15/08
ThinkVision L1700p 17" Monitor	9417HE2	ann 09/17/08
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L200p Wide 20.1" Monitor	4438HB6	ann 04/15/08
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08
ThinkVision L2440x Wide 24" Monitor	4421HB2	ann 09/17/08

**Monitor Accessories<sup>46</sup>**

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

<sup>46</sup> Compatible on selected Lenovo and ThinkVision monitors.

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

Other accessories at [www.lenovo.com/accessories](http://www.lenovo.com/accessories)

Accessories Guide pdf at [www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)

**Lenovo Care<sup>SM</sup> maintenance services**

Warranty service upgrade:<sup>22</sup>

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:<sup>5</sup>

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at [www.lenovo.com/warranty](http://www.lenovo.com/warranty)

**lenovo**



Lenovo N500



Lenovo N500



Lenovo N500



Lenovo N500

Type-model	Processor	GHz	Memory	Wide-screen display	Screen type	Camera	Integrated graphics	Disk SATA GB <sup>6</sup> rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB Blue/ or Turbo	Battery Vista preload	Availability
4233-52U	Cel 575	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g <sup>11</sup>	None	None	No	6 Home B Nov 08
✕ 4233-53U	T3200	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32 Nov 08
4233-54U	T3400	2.16	2GB	15.4" WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 Bus 32 Nov 08
✕ 4233-62U	T3200	2.00	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Nov 08
4233-63U	T3400	2.16	2GB	15.4" WXGA	Glossy	Cam	GMA	250G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Nov 08
☞ 4233-6BU	T3400	2.16	1GB	15.4" WXGA	Glossy	Cam	GMA	160G 5400	DVD±RW	Lenovo 11b/g	None	None	No	6 XP Pro Jan 09

• These Lenovo N500 models use a 15.4" widescreen display

Processor	Intel® Celeron® Processor 575 with single-core, 667MHz system bus, and 1MB L2 cache or Intel Pentium® processor T3200 or T3400 with dual-core, 667MHz system bus, and 1MB L2 cache	Preloaded operating system <sup>20</sup> - Some: Microsoft Windows® XP Professional with Vista® COA - Some: Microsoft Windows Vista Home Basic Edition (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) ◇ Vista Basic logo	
Memory	1GB or 2GB std / 4GB max <sup>7</sup> / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available	Preloaded applications <sup>14</sup> • Lenovo Care™ Tools • Rescue and Recovery™ • Access Connections™ • System Update • Norton Internet Security™ (90 days of virus definitions) • PC-Doctor™ (diagnostics) • ThinkPad Utilities (Power Manager and Presentation Director) • Adobe® Reader • Windows Live™ Toolbar • Windows Live Search • Microsoft Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • Corel WinDVD® (DVD±RW)	
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB <sup>8</sup> (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable		
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio Camera on top of screen, 1.3-megapixel, fixed focus		
Integrated graphics	Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40, HDMI port supporting HDCP to output protected content <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port); 1920x1080 (HDMI port)		
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive audio control panel (Mute, vol up, vol down, enable/disable touchpad) Two-button touch pad with scroll feature (no TrackPoint®)		
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	6-cell 15.4W" (WxDxH): 14.1" x 10.1" x 1.22-1.46"; 358.5 x 256.5mm x 31-37mm 6-cell: starting at 5.95 lb (2.7kg) Silver top cover; black bottom Scratch-resistant ABS plastic Lithium Ion 6-cell 6-cell: up to 3.8 hr		
Chipset	Mobile Intel GL40 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC)		
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital) None None Four USB 2.0, external monitor (VGA DB-15, HDMI), modem (RJ-11), ethernet (RJ-45)		
Mini PCI Express Lenovo 11b/g <sup>11</sup> WWAN upg 2G Turbo UWB Modem Bluetooth™ Ethernet Intel AMT Audio support	One Mini PCI Express slot 11b/g wireless <sup>4</sup> , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset None None None 56K V.92 <sup>6</sup> modem None 10/100 ethernet, Broadcom® BCM5906M None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack	65-watt (GMA graphics) AC adapter ENERGY STAR® 4.0-compliant RoHS-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> via 800-426-7378	
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None	Lenovo Care <sup>SM</sup> 1-year LOR 9x5 NBD 41K0547 Lenovo Care 2-year LOR 9x5 NBD 41K0548 Lenovo Care 2-year P&L PU Depot 41K0545 Lenovo Care 3-year LOR 9x5 NBD 41K0549 Lenovo Care 3-year P&L PU Depot 41K0546	
Limited warranty <sup>12</sup>	1-year - EasyServ™ <sup>19</sup> depot repair service / service upgrades <sup>22</sup> available	Post-warranty agreements at <a href="http://www.lenovo.com/thinkplus/warranty">http://www.lenovo.com/thinkplus/warranty</a>	
1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	N500 Series Li-Ion Battery 6-cell	51J0226
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo 90W AC Adapter for N500 Series	41R4515
USB 2.0 Essential Memory Key 8GB	45J7905	Lenovo 90W AC Adapter for Y Series	41R4322
USB 2.0 Essential Memory Key 32GB	45K1258	Business Topload Case	43R2476
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	Deluxe Expander Case	43R2478
USB 2.0 Lenovo Webcam	40Y8519	ThinkVision® L2240p Wide 22" Monitor	4422HB6
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ThinkVision L2440x Wide 24" Monitor	4421HB2
Lenovo Wireless Laser Mouse (blk, USB)	45K1696	Other accessories at <a href="http://lenovo.com/accessories">lenovo.com/accessories</a>	

See footnotes for important warranty information

☞ US model announced January 6, 2009; previous models on November 11 or November 25, 2008

✕ US models withdrawn effective January 2009

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Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Camera	Integrated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Finger-print reader	Battery cells	Preload	Avail date	
✕ 0764-2BU	Core 2 Duo T7100	1.80	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g <sup>11</sup>	Blue	Fing	3	Home Prem	May 07
✕ 0764-2CU	Core 2 Duo T7300	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	Business 32	May 07
✕ 0764-2DU	Core 2 Duo T7300	2.00	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n <sup>28</sup>	Blue	Fing	6	Ultimate 32	May 07
✕ 0764-2NU	Core 2 Duo T5250	1.50	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Ultimate 32	July 07
✕ 0764-2PU	Core 2 Duo T5250	1.50	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	6	XP Pro	Oct 07
0764-2WU	Core 2 Duo T5550	1.83	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	XP Pro	Jan 08
0764-2XU	Core 2 Duo T5550	1.83	2GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11n	Blue	Fing	6	Business 32	Jan 08
☞ 0764-2YU	Core 2 Duo T5750	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	*Intel 11a/b/g	Blue	Fing	3	Business 32	Mar 08

• **These models use a 12.1" widescreen display**  
 • **Two-spindle (disk and optical) in an ultraportable**  
 • **Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS**

Positioning Processor	Widescreen ultraportable; two spindles <b>Intel® Core™ 2 Duo processor T5250, T5550, or T5750</b> with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep® technology <sup>1</sup> , Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or <b>Intel Core 2 Duo processor T7100 or T7300</b> with dual-core, Intel 64 Technology, Enhanced Intel SpeedStep technology <sup>1</sup> , Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technology, and 800MHz system bus; T7100: 2MB L2 cache (shared); T7300: 4MB L2 cache (shared)	<b>Preloaded operating system<sup>20</sup></b> - Some: Microsoft® Windows® XP Professional with Vista® COA - Some: Microsoft Windows Vista Home Premium Ed (32-bit) - Some: Microsoft Windows Vista Business Edition (32-bit) - Some: Microsoft Windows Vista Ultimate Edition (32-bit) ☞ 2YU model: Vista Basic logo ☞ Other Vista models: Vista Premium logo
Memory	<b>1GB or 2GB</b> std / 4GB max <sup>7</sup> / <b>PC2-5300 667MHz DDR2</b> , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available	<b>Preloaded applications<sup>14</sup></b> (all OSes) • Lenovo Care <sup>SM</sup> Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Lenovo Multimedia Center (Vista) • Norton Internet Security™ (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Windows Live™ Toolbar • Windows Live Search • Adobe® Reader • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • EarthLink (Vista Home Basic and Home Premium models only) • InterVideo InstantON • Roxio Digital Media LE (DVD±RW for XP only) • Corel WinDVD® (DVD±RW for XP only) • Corel WinDVD Creator (DVD±RW for XP only)
Diskette drive	None (use optional USB-based diskette drive)	<b>Preloaded applications<sup>14</sup></b> (all OSes) • Lenovo Care <sup>SM</sup> Tools – Rescue and Recovery™ – System Update – Password Manager – Access Connections™ • Lenovo Multimedia Center (Vista) • Norton Internet Security™ (90 days of virus definitions) • Softex OmniPass (on fingerprint models) • PC-Doctor™ (diagnostics) • Network Magic™ • Windows Live™ Toolbar • Windows Live Search • Adobe® Reader • Picasa from Google • Diskeeper® Home • Corel® Small Business Center™ with WordPerfect® Office 12 • QuickBooks Financial Center • Microsoft Office 2007 Trial • EarthLink (Vista Home Basic and Home Premium models only) • InterVideo InstantON • Roxio Digital Media LE (DVD±RW for XP only) • Corel WinDVD® (DVD±RW for XP only) • Corel WinDVD Creator (DVD±RW for XP only)
EIDE DVD±RW SATA disk	DVD burner, DL support, fixed, not removable, 12.7mm high <b>160GB<sup>8</sup></b> (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable	
Widescreen display	<b>12.1"</b> (307.3mm) <b>WXGA (1280x800) TFT color, VibrantView</b> (glossy), CCFL backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, no latch open-close mechanism	
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0	
Graphics	<b>Intel Graphics Media Accelerator X3100</b> , in GM965	
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys; <i>Buttons across top:</i> on-off, Lenovo Care <sup>SM</sup> , instant on, mute, volume down, volume up	
Touch pad InstantON	Two-button touch pad with scroll feature (no TrackPoint®) Press button to load InterVideo InstantON music and movie player without loading OS	
Dimensions <sup>3</sup>	<i>3-cell (WxDxH):</i> 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm <i>6-cell (WxDxH):</i> 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm	
Weight <sup>2</sup>	with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)	
Case color	Silver top; black bottom	
Case material	ABS plastic	
Battery - type	Lithium Ion 3-cell or 6-cell, 2600 mAH, smart battery	
Battery - life <sup>10</sup>	<i>3-cell:</i> up to 2.1 hr; <i>6 cell:</i> up to 4.2 hr	
Chipset	<b>Mobile Intel GM965 Express Chipset</b> (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)	
ExpressCard/54 Multicard reader	One slot (ExpressCard/34, ExpressCard/54) 5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card™)	
Ports	Three USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)	
Mini PCI Express	One Mini PCI Express slot, not customer upgradable <i>Some:</i> 11a/b/g wireless <sup>4</sup> , Mini PCI Express adapter, Intel PRO/Wireless 3945ABG <i>Some:</i> 11a/b/g/n wireless <sup>4</sup> , Mini PCI Express adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)	
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator	
Modem	56K V.92 <sup>6</sup> modem	
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI Express x1	
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	Universal 65-watt AC adapter Wireless on/off switch RoHS-compliant ENERGY STAR® 4.0-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free support during the warranty period <sup>12</sup> via 800-426-7378
Security	Power-on password, hard disk password, supervisor password, security keyhole	
Fingerprint reader	<b>Fingerprint reader on palm rest</b> , swipe sensor, no preboot support	
Limited warranty <sup>12</sup>	<b>1-year</b> - EasyServ™ <sup>19</sup> depot repair service / service upgrades <sup>22</sup> available	

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	V100 Series Li-Ion Battery 3-cell	40Y8319	Lenovo Care <sup>SM</sup> 1-year LOR 9x5 NBD
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	V100 Series Li-Ion Battery 6-cell	40Y8321	41K0547
USB Portable Diskette Drive	05K9276	ThinkPad and Lenovo 65W AC Adapter	40Y7696	Lenovo Care 2-year LOR 9x5 NBD
USB 2.0 Lenovo Multimedia Headset	40Y8518	ThinkPad and Lenovo 90W AC Adapter	40Y7659	41K0548
USB 2.0 Essential Memory Key 8GB	45J7905	90W Slim AC/DC Combo Adapter	41N8460	Lenovo Care 2-year P&L PU Depot
USB 2.0 Lenovo Enhanced Port Replicator	43R8770	Lenovo Carrying Case - Messenger Max	41U5253	41K0545
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo Case - Performance Backpack	41U5254	Lenovo Care 3-year LOR 9x5 NBD
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ThinkVision® L2240p Wide 22" Monitor	4422HB6	41K0549
Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	ThinkVision L2440x Wide 24" Monitor	4421HB2	Lenovo Care 3-year P&L PU Depot
Kensington® MicroSaver® Security Cable	73P2582	Others at <a href="http://lenovo.com/accessories">http://lenovo.com/accessories</a>		41K0546

See footnotes for important warranty information

\* Intel Centrino® processor technology

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☞ US model announced March 18, 2008; previous models on May 22, July 17, October 2, 2007, or January 8, 2008

(FS-2-1) February 2009

✕ US models withdrawn effective December 2007 or May 2008

**Partial list of accessories supported on:  
• Lenovo V200 announced on May 22, 2007**

**Memory**

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	ann 03/25/08
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	ann 03/25/08

**Storage and removable storage**

USB 2.0 Essential Memory Key 2GB	41U4944	ann 01/23/07
USB 2.0 Essential Memory Key 4GB	45J7904	ann 06/24/08
USB 2.0 Essential Memory Key 8GB	45J7905	ann 07/15/08
USB 2.0 Essential Memory Key 32GB	45K1258	ann 10/28/08
USB 2.0 Security Memory Key 4GB	41U5120	ann 07/17/07
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	ann 08/26/08
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	ann 08/26/08
USB Portable Diskette Drive	05K9276	ann 06/05/00
USB 2.0 CD-RW/DVD-ROM Combo II Drive	40Y8637	ann 01/05/06
USB 2.0 Portable 160GB Hard Disk	43R1784	ann 09/23/08
USB 2.0 Portable 320GB Hard Disk	45K1689	ann 03/17/09
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	ann 11/18/08
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	ann 11/18/08
USB 2.0 Super Multi-Burner Drive	41N5565	ann 01/23/07
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	ann 03/20/07

**Expansion**

USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ann 02/26/08
ThinkPad Adjustable Notebook Stand	40Y7676	ann 09/20/05

**Keyboard**

USB Numeric Keypad	33L3225	ann 05/01/00
Preferred Pro USB Keyboard	73P5220	ann 06/21/05
Enhanced Performance USB Keyboard	73P2620	ann 03/23/04
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04
USB Keyboard with UltraNav	31P8950	ann 01/28/03
USB Travel Keyboard with UltraNav	31P9490	ann 04/27/04

**Mouse**

Optical Wheel Mouse (USB)	06P4069	ann 05/21/03
Optical ScrollPoint® Mouse (USB, PS/2)	31P7405	ann 08/27/02
Optical Wheel Travel Mouse (USB, PS/2)	31P7410	ann 06/04/02
Laser Tilt Wheel Mouse (USB, PS/2)	41U3074	ann 01/23/07
Lenovo Wireless Laser Mouse (blk, via USB)	45K1696	ann 11/25/08
Lenovo Wireless Laser Mouse (red, via USB)	51J0198	ann 11/25/08
Laser Tilt Wheel Travel Mouse (Bluetooth)	41U5008	ann 01/22/08
Wireless Kybd & Opt Wheel Mouse (via USB)	73P4067	ann 12/07/04

**Security**

Kensington® Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
USB Gemplus GemPC Smart Card Reader	41N3040	ann 02/21/06

*ExpressCard/54 slot:*

ExpressCard Gemplus Smart Card Reader	41N3043	ann 06/27/06
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**Multimedia**

USB 2.0 Lenovo Multimedia Headset	40Y8518	ann 06/27/06
USB 2.0 Lenovo Webcam	40Y8519	ann 08/29/06

**Power Accessories**

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	ann 05/16/06
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	ann 05/16/06

ThinkPad and Lenovo 65W AC Adapter	40Y7696	ann 09/20/05
ThinkPad and Lenovo 90W AC Adapter	40Y7659	ann 09/20/05
Lenovo 90W Slim AC/DC Combo Adapter	41N8460	ann 11/27/07
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

**Carrying Cases**

Lenovo Carrying Case - Messenger Max	41U5253	ann 05/01/07
Lenovo Carry Case - Performance Backpack	41U5254	ann 05/01/07
Lenovo Standard Case	45K1697	ann 11/25/08
Lenovo Standard Backpack	45K1698	ann 11/25/08

**Monitors**

ThinkVision® L174 17" Monitor	9227AE1	ann 04/15/08
ThinkVision L1700p 17" Monitor	9417HE2	ann 09/17/08
ThinkVision L1900p 19" Monitor	4431HE1	ann 11/11/08
ThinkVision L1940p Wide 19" Monitor	4424HB6	ann 09/17/08
ThinkVision L200p Wide 20.1" Monitor	4438HB6	ann 04/15/08
ThinkVision L2240p Wide 22" Monitor	4422HB6	ann 09/17/08
ThinkVision L2440p Wide 24" Monitor	4420HB2	ann 09/17/08
ThinkVision L2440x Wide 24" Monitor	4421HB2	ann 09/17/08

**Monitor Accessories<sup>46</sup>**

ThinkVision USB Soundbar	40Y7616	ann 08/23/05
ThinkVision Soundbar	45K1263	ann 09/16/08
Kensington Cable Lock from Lenovo	73P2582	ann 12/29/03
Kensington Twin Head Cable Lock	45K1620	ann 09/30/08
ThinkPad Convertible Monitor Stand	40Y7620	ann 01/05/06
Radial Arm	19K4464	ann 05/05/00

<sup>46</sup> Compatible on selected Lenovo and ThinkVision monitors.

More information at [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

**Medialess License Key (MLK)**

Microsoft® Office 2007 Basic, English	43R1528	ann 01/31/07
Microsoft Office 2007 Small Business, Engl	43R1534	ann 01/31/07
Microsoft Office 2007 Professional, English	43R1531	ann 01/31/07

Other accessories at [www.lenovo.com/accessories](http://www.lenovo.com/accessories)

Accessories Guide pdf at [www.lenovo.com/accessoriesguide](http://www.lenovo.com/accessoriesguide)

**Lenovo Care<sup>SM</sup> maintenance services**

Warranty service upgrade:<sup>22</sup>

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:<sup>5</sup>

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at [www.lenovo.com/warranty](http://www.lenovo.com/warranty)

**lenovo**



Lenovo G530



Lenovo G530



Lenovo G530



Lenovo G530

Type-model	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery cells	Vista preload	Avail date
4151-X2U	T3400	2.16	2GB	15.4" WXGA	Cam	GMA	160GB <sup>8</sup>	DVD±RW	Lenovo 11b/g <sup>11</sup>	Black	None	6-cell	Basic	Mar 09
4151-38U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	160GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Jan 09
4151-3BU	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Mar 09
4151-X3U	T3400	2.16	3GB	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Mar 09

- 15.4" widescreen, glossy display
- Bold black color with piano finish
- Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.
- Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows

Positioning	<i>Widescreen flexibility; two-spindle</i>									<b>Preloaded operating system<sup>20</sup></b>				
Processo	<b>Intel® Pentium® Processor T3400 with dual-core,</b> 667MHz system bus, and 1MB L2 cache									- <i>Some:</i> Microsoft® Windows® Vista® Home Basic Edition (32-bit)				
Memory	<b>2GB</b> or <b>3GB</b> std / 4GB max <sup>31</sup> / <b>PC2-5300 667MHz DDR2</b> , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available									- <i>Some:</i> Microsoft Windows Vista Home Premium Edition (32-bit)				
Diskette drive	None (use optional USB-based diskette drive)									◇ 4151-X2U: Vista Basic logo				
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in									◇ <i>Others:</i> Vista Premium logo				
SATA disk	<b>160GB</b> (5400 rpm) or <b>250GB</b> (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable									<b>Preloaded applications<sup>14</sup></b> (only some listed)				
Widescreen display	<b>15.4"</b> (391.2mm) <b>WXGA (1280x800) TFT color, VibrantView</b> (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio									• Lenovo™ OneKey Recovery				
Camera	Camera on top of screen, 0.3-megapixel, fixed focus									• Lenovo ReadyComm				
Integrated graphics	<b>Intel Graphics Media Accelerator 4500M (GMA 4500M)</b> , in GL40, <i>Max external resolution:</i> 2048x1536@75Hz (DB-15 port)									• Norton Internet Security™ (90 days of virus definitions)				
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key									• Adobe® Reader				
Multimedia controls	Touch-sensitive volume control panel with one user defined button									• Windows Live™ Toolbar				
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)									• Easy Capture				
Dimensions <sup>3</sup>	<i>(WxDxH):</i> 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm									• VeriFace™ Facial Recognition				
Weight <sup>2</sup>	with optical drive and battery: <i>6-cell:</i> 5.95 lb (2.7 kg)									• Lenovo Energy Management Software				
Case color	Black top, black bottom									• Cyberlink Power2Go (DVD±RW)				
Case material	ABS plastic; <i>Palm rest:</i> ABS plastic									Available at these retailers				
Battery - type	Lithium Ion <b>4-cell</b> or <b>6-cell</b>									• lenovo.com				
Battery - life <sup>10</sup>	<i>4-cell:</i> Up to 2.5 hr; <i>6-cell:</i> up to 4.5 hr									• Fry's				
Chipset	<b>Mobile Intel GL40 Express Chipset</b> (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)									65-watt AC adapter				
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)									Wireless on/off switch				
Multicard reader	None									RoHS-compliant				
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)									<b>Limited Warranty<sup>12</sup></b>				
TV tuner	None									⇨ <b>1-year parts and labor</b>				
Mini PCI Express	One Mini PCI Express slot									⇨ <b>Depot repair service<sup>19</sup></b>				
Lenovo 11b/g <sup>11</sup>	11b/g wireless <sup>4</sup> , Lenovo 11b/g Mini PCI Express Adapter, Broadcom® BCM4312									⇨ <b>Service upgrade options</b>				
Bluetooth™	None									<b>(in eligible locations):<sup>9</sup></b>				
Modem	56K <sup>6</sup> V.92 <sup>15</sup> modem									• <b>1-year accidental damage protection via depot</b> 43R8885				
Ethernet	10/100 ethernet, Broadcom® BCM5906M									• <b>3-year Lenovo Onsite Repair<sup>13</sup></b>				
Audio support	High Definition (HD) Audio, CX20561-15Z codec / two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)									• <b>9x5 Next Business Day</b> 43R8883				
Security	Power-on password, hard disk password, supervisor password, security lockhole,									• <b>3-year Lenovo Onsite Repair<sup>13</sup></b>				
Fingerprint reader	None									• <b>9x5 Next Business Day with accidental damage protection</b> 43R8884				
										⇨ <b>24x7<sup>16</sup> toll-free support for warranty issues during the warranty period<sup>12</sup> via 877-453-6686</b>				

See footnotes for important warranty information

Ⓜ US models announced March 17, 2001; previous model on January 27, 2009

Ⓜ US model withdrawn effective March 2009

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Type-model	Processor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Integrated graphics	Chipset	Disk SATA GB <sup>8</sup> rpm	SATA optical	Mini PCIe 802.11 wireless	Blue-tooth	Battery cells	Preload	Avail date
4446-23U T3400	Intel® Pentium® Processor T3400	2.16	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g <sup>11</sup>	None	6	Home B	Mar 09
4446-24U T3400	Intel® Pentium® Processor T3400	2.16	3GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Mar 09
4446-25U T6400	Intel® Core™ 2 Duo processor T6400	2.00	3GB	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	* Intel 5100 <sup>28</sup>	None	6	XP Pro	Mar 09

- 15.4" widescreen, glossy display
- Matte black finish

Processor	Intel® Pentium® Processor T3400 with dual-core, 667MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache										Preloaded operating system <sup>20</sup> - Some: Microsoft® Windows® XP Professional with Vista® COA					
Memory	2GB or 3GB std / 4GB max <sup>7</sup> / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available										- Some: Microsoft Windows Vista Home Basic Edition (32-bit) - Some: Microsoft Windows Vista Home Premium Edition (32-bit)					
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in 160GB <sup>8</sup> (5400 rpm) or 250GB (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable										◇ 4446-25U: Vista Premium logo ◇ Others: Vista Basic logo					
Widescreen display Camera	15.4" (391.2mm) WXGA (1280x800) color, VibrantView (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio <i>Some:</i> camera on top of screen, 0.3-megapixel, fixed focus <i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus										Preloaded applications <sup>14</sup> • Lenovo Care™ Tools - Rescue and Recovery™ - Access Connections™ - Presentation Director • Easy Capture • Adobe® Reader • Norton Internet Security™ (90 days of virus definitions) • Windows Live™ Toolbar • Windows Live Search • Microsoft Office 2007 Trial (60-day) • Roxio® Creator® Small Business Edition • InterVideo WinDVD® (DVD±RW)					
Integrated graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500M (GMA 4500M), in GL40 <i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD), in GM45, <i>All:</i> Max external resolution: 2048x1536 @75Hz (DB-15 port)															
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive volume control panel with one user defined button Two-button touch pad with scroll feature (no TrackPoint®)															
Dimensions <sup>3</sup> Weight <sup>2</sup> Case color Case material Battery - type Battery - life <sup>10</sup>	6-cell 15.4W" (WxDxH): 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm 6-cell: starting at 5.95 lb (2.7kg) Matte black finish ABS plastic Lithium Ion 6-cell 6-cell: up to 4.5 hr															
Chipset	Mobile Intel GL40/GM45 Express Chipset (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)															
ExpressCard/54 Multicard reader PC Card Smart Card read Ports	One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (Memory Stick, Memory Stick PRO™, Secure Digital, xD-Picture Card™) None None Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)															
Mini PCI Express RealTek b/g <sup>11</sup> Intel 5100 <sup>28</sup> WWAN upg UWB Modem Bluetooth™ Ethernet Audio AMT Audio support	One Mini PCI Express slot <i>Some:</i> 11b/g wireless <sup>4</sup> , Mini PCI Express Adapter, RealTek chipset <i>Some:</i> 11a/b/g/n wireless <sup>4</sup> , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None 56K V.92 <sup>6</sup> modem None 10/100 ethernet, Broadcom® BCM5906M None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack										65-watt (GMA graphics) AC adapter Wireless on/off switch RoHS-compliant					
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password, security keyhole None None										Limited Warranty <sup>12</sup> ⇒ 1-year warranty*: * 1-year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter ⇒ Mail In repair service ⇒ Service upgrade options (in eligible locations): <sup>9</sup> • 2-year Mail In warranty 9x5 55Y2506 • 2-year Lenovo Onsite Repair warranty 9x5 55Y2509 • 2-year Lenovo Onsite Repair warranty 9x5 with ADP 55Y2515 ⇒ 24x7x365 warranty support via 877-453-6686					
	1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	N500/G530 Series Li-Ion Battery 6-cell		51J0226											
	2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo 90W AC Adapter		41R4515											
	USB 2.0 Essential Memory Key 4GB	45J7904	Lenovo Carrying Case - Messenger Max		41U5253											
	USB 2.0 Essential Memory Key 32GB	45K1258	Lenovo Case - Performance Backpack		41U5254											
	USB 2.0 Lenovo Multimedia Headset	40Y8518	Kensington® Cable Lock from Lenovo		73P2582											
	USB 2.0 Lenovo Webcam	40Y8519	Kensington Twin Head Cable Lock		45K1620											
	USB 2.0 Lenovo Enhanced Port Replicator	43R8770	ThinkVision® L2240p Wide 22" Monitor		4422HB6											
	Optical Wheel Travel Mouse (USB, PS/2)	31P7410	ThinkVision L2440x Wide 24" Monitor		4421HB2											
	Lenovo Wireless Laser Mouse (blk, USB)	45K1696	Other accessories at lenovo.com/accessories													
	Lenovo Wireless Laser Mouse (red, USB)	51J0198														

See footnotes for important warranty information  
US models announced March 31, 2009

\* Intel Centrino® processor technology

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**Partial list of Lenovo® Care Services<sup>22</sup>  
for Lenovo Value Line notebooks**

For more information see:

[http://www.lenovo.com/services\\_warranty/us/en/index.html](http://www.lenovo.com/services_warranty/us/en/index.html)

**Lenovo Care service upgrade options**

***Lenovo Value Line notebooks with 1-year Depod warranty***

*Mail in = Mail In repair, ADP = Accidental Damage Protection*

2-year Mail In warranty 9x5	55Y2506
3-year Mail In warranty 9x5	55Y2507
1-year Mail In warranty 9x5 with ADP	55Y2511
2-year Mail In warranty 9x5 with ADP	55Y2512
3-year Mail In warranty 9x5 with ADP	55Y2513

*LOR = Lenovo Onsite Repair, ADP = Accidental Damage Protection*

1-year LOR warranty 9x5	55Y2508
2-year LOR warranty 9x5	55Y2509
3-year LOR warranty 9x5	55Y2510
1-year LOR warranty 9x5 with ADP	55Y2514
2-year LOR warranty 9x5 with ADP	55Y2515
3-year LOR warranty 9x5 with ADP	55Y2516

**Availability:** All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

**Warranty:** For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

#### Footnotes:

- <sup>1</sup> Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.
- <sup>2</sup> **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.
- <sup>3</sup> **Thinness** may vary at certain points on the system.
- <sup>4</sup> **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- <sup>5</sup> **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- <sup>6</sup> **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- <sup>7</sup> **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.
- <sup>8</sup> **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- <sup>10</sup> **Battery:** These model numbers achieved Battery Rundown Time of at least the time shown during testing. A description of the testing available at [lenovo.com/pc/ww/thinkpad/batterylife](http://lenovo.com/pc/ww/thinkpad/batterylife). Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.
- <sup>11</sup> **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.
- <sup>12</sup> **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- <sup>13</sup> **Onsite Service:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.
- <sup>14</sup> **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- <sup>15</sup> **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.
- <sup>17</sup> **International Warranty Service** is available for most products in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- <sup>18</sup> **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.
- <sup>19</sup> **EasyServ depot repair:** The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.
- <sup>20</sup> **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to [lenovo.com/pc/support](http://lenovo.com/pc/support) and enter your machine type and model number for more information.
- <sup>21</sup> **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.
- <sup>22</sup> **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.
- <sup>25</sup> **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit [www.verizonwireless.com](http://www.verizonwireless.com).

<sup>28</sup> **The IEEE 802.11n specification (MIMO)** has not been finalized and is currently in draft release. The Lenovo 11a/b/g/n (11n) Wireless LAN Mini PCI Express Adapters are based on the Draft Release, Version 1.0, of the IEEE 802.11n specification. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats.

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