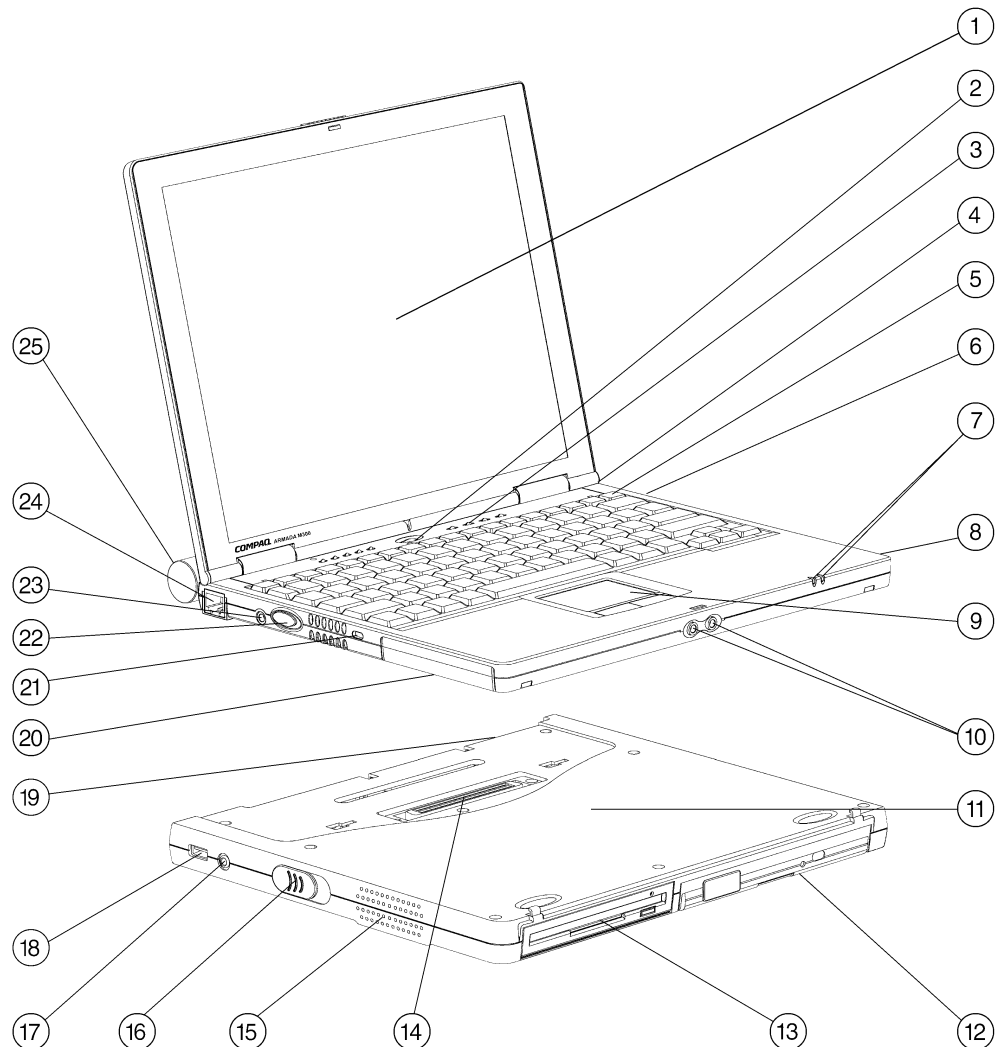# QuickSpecs

Overview

What's New

- Intel Mobile Pentium® III 600 MHz processors with SpeedStep™ technology
- 12.1″ TFT XGA display
- Four Easy Access Internet buttons
- Armada E and M Common Preinstalled Software

At A Glance

- Intel Mobile Pentium® III 600 MHz with SpeedStep™ technology, or 500 MHz processors
- 12.1″ or 11.3″ TFT XGA displays
- Ultralight weight (3.2 to 3.4 lbs or 1.5 to 1.6 kg depending on configuration)
- Less than 1 in/(2.3 cm) thin
- 64MB SDRAM upgradeable – 320MB
- Up to 12GB SMART hard drives
- User removable hard drive
- Integrated Mini PCI modem/ or Mini PCI modem/NIC combo on select models
- Keyboard 95% of full size
- Full set of system ports
- Dual Install Windows® 2000/Windows NT 4.0 or Windows 98
- Protected by a one-year, Worldwide Limited Warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's Special

- Ultralight weight (3.2 to 3.4 lbs or 1.5 to 1.6 kg depending on configuration)
- Optional Mobile Expansion Unit with Multimedia, storage and enhanced security features
- Less than 1 inch thin (2.3cm)
- High Capacity Travel Battery (optional)
- Magnesium display enclosure
- Common docking solutions across the Armada E and M Series
- Industry leading PC lifecycle solutions

1. Color Display
2. Suspend/Resume Button
3. Easy Access Internet Buttons
4. System ports (USB, Serial, Parallel, IR, VGA)
5. 102 Key Keyboard (95% of fullsize)
6. RJ-11 Jack (Internal modem models only)
7. Power/Battery light
8. PC Card Slot
9. Touchpad Pointing Device
10. Audio In/Out Jacks
11. Mobile Expansion Unit (Optional)
12. Common Armada MultiBay (supports second Hard Drive, CD-RW, 2X SuperDisk LS-120, Battery, 8X DVD-ROM or 24X CD-ROM)
13. Diskette Drive Bay
14. System Connector
15. Stereo Speakers
16. Diskette Drive Release Latch
17. AC Power Connector
18. USB Port
19. MEU Ports (Serial, Parallel, Docking, VGA , PS/2)
20. Hard Drive Bay
21. Security Cable Slot
22. On/Off Button
23. AC Power Connector
24. RJ-45 Jack (Network models only)
25. Li-Ion Battery

QuickSpecs

Standard Features

Processor and Panel
One of the following:
	12.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	
	    600MHz on Intel Mobile Pentium® III processor
	
	11.3-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	
	    600MHz on Intel Mobile Pentium® III processor
	
	    500MHz on Intel Mobile Pentium® III processor
	
	Note: Mobile Pentium III processors, 600MHz and above, feature Intel SpeedStep™ technology.
	
	Note: Mobile Pentium III processors feature 256KB integrated cache.

Memory	Standard 64 MB Maximum 320 MB (adding 256MB to open slot) Note: Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.

Communications
One of the following:
	Type I Mini PCI
	    Compaq Global Mini PCI 56K (V.90) Modem or
	    Compaq 56K (V.90) Modem plus Intel® PRO/100+ NIC
	Note: Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.
	Note: Modem availability is subject to country regulatory approval.

Keyboard	95% of full-size 102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, QuickLock / QuickBlank (ex: FN+F6), toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast.
Easy Access Internet Buttons	The Armada M300 comes with four Easy Access Buttons designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, files, or applications.
Pointing Device	Touchpad with integrated pick buttons / "Double Tap" mouse-like buttons
PC Card Slots	One Type II PC Card Slot, which supports both 32-bit CardBus (Full support in Windows 9.x and Windows 2000) and 16-bit PC Cards.

Storage	Diskette Drives 1.44 MB
	
	Optical Drives 24X CD-ROM Drive or
	                                8X DVD-ROM Drive
	
	Hard Drives
	One of the following: 12-GB SMART
	                             6-GB SMART

Multimedia	Compaq *Premier•Sound*™ for enhanced stereo audio (with optional MEU) Integrated 16-bit Sound Blaster Pro-compatible stereo audio Integrated speaker and microphone Software volume control Headphone-out Microphone-in Software MPEG1 support DVD movie playback software 8X DVD-ROM Drive with DVD movie playback *(on select models)* 24X Max CD-ROM Drive *(on select models)* PCI graphics 4 MB SGRAM

QuickSpecs

Standard Features

Interfaces	PC Card Slot	One Type II
	Enhanced Parallel Port EPP/ECP	1
	Serial Port	1
	External Monitor	1
	Headphone/Line-out	1
	Microphone in	1
	AC Power	1
	RJ-11 (modem)	1 (Model dependent)
	RJ-45 (NIC)	1 (Model dependent)
	Infrared Port	1 (4 Mb/s support)
		(IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
	USB Port	1
	LED Status Indicators	7

Graphics	ATI RAGE LT Pro, 4MB of SGRAM

Operating System *One of the following:*	Dual Install Windows 2000/Windows NT 4.0
	Note: On Dual Install systems, the end user must make a one-time selection at initial start up. End users who need to change to another Operating System (OS) other than the one originally selected must obtain a new license for that OS.
	Windows 98

Software	Compaq Insight Management Agents Compaq Intelligent Manageability Diagnostics for Windows 2000, 9.x or NT DVD Solution (with optional MEU) Compaq Power Management Compaq Security Management Online Safety and Comfort Guide Fax Central for Windows 2000, 98 and NT Online Safety and Comfort Guide Acrobat Reader Reference Guide

System Recovery	Each unit is shipped with a CD kit for quick recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)

Intelligent Manageability	Compaq Intelligent Manageability, a key component of PC Lifecycle Solutions, is the broad set of manageability features found on all Compaq Deskpro desktops, Armada portables, Professional Workstation, and ProLiant server products. These best-in-class features on PC clients comply with industry standards, such as DMI and Wired for Management, while pioneering new ground in client manageability. Compaq introduced the industry's first line of manageable clients in 1995 and has been driving the industry ever since. With Compaq's lifecycle management philosophy, enterprises have all of the pieces for end-to-end management and proven tools for hassle-free management of PCs and significantly lower Total Cost of Ownership. Intelligent Manageability offers solutions in the areas of Initial Configuration and Deployment, Asset Tracking and Security, Software Updating and Management, and Fault Notification and Recovery. For more information, visit our website: www.compaq.com/im. Note: This Web site is available in English only.

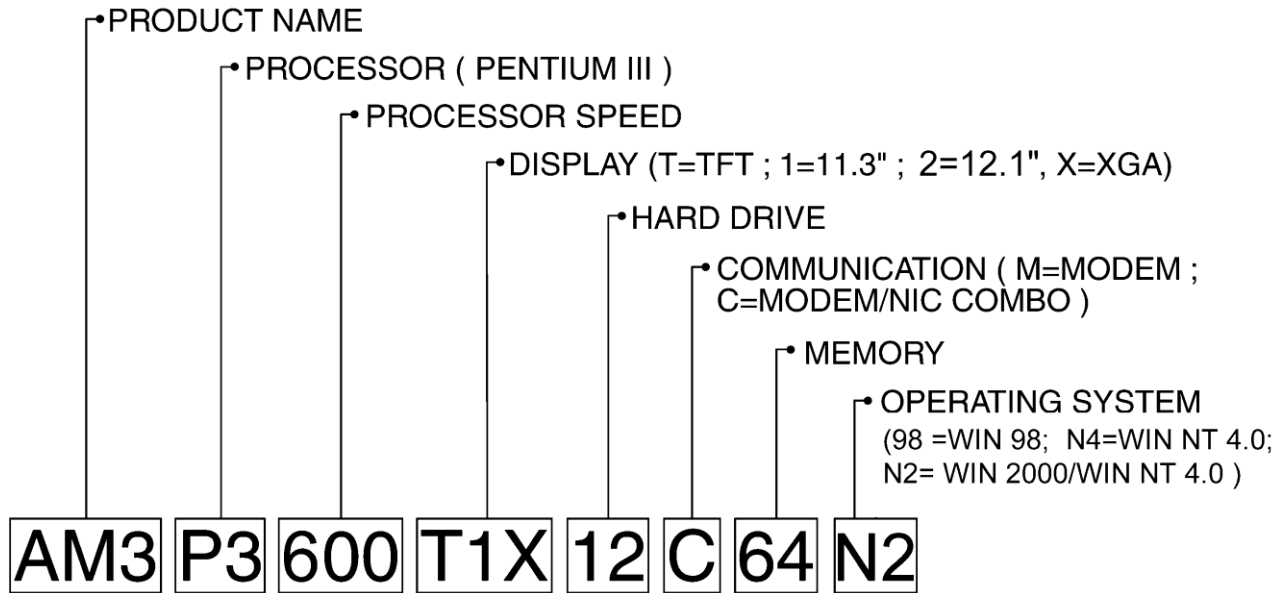| Security	Configuration Control Hardware Memory Change Alert Ownership Tag Setup Password Power-On Password DriveLock QuickLock QuickBlank Enabled for PC SmartCard options

QuickSpecs

Standard Features

Power Supply	External AC Adapter; 6-foot power cord included. Total length including External AC adapter is 12 feet (3.66 Meters)
Battery	Li-Ion batteries are supported, with up to two hours of battery life supported with the standard 4 cell main battery; up to three hours when using a MultiBay battery in the Mobile Expansion Unit. An optional High-Capacity Travel Battery* is also available which provides up to 3 hours of battery life.
	Note: An Armada M300 with the High-Capacity Travel Battery attached to the unit cannot be placed in an ArmadaStation EM, Convenience Base EM, or Port Replicator EM.
	Note: Actual results may vary with individual usage. When tested in standard configuration, using the Ziff-Davis BatteryMark Test version 2.0, the battery life of the Armada M300 will range up to 2 hours. Standard configuration at time of announce is considered to be one battery, a 1024x768 (High color – 16 Bit color) panel set at 50% brightness, 64MB RAM, and no drives other than the hard drive active.
Power Conservation	Intel SpeedStep Technology (allows a Battery Optimized Mode where CPU draws 50% of normal power yet affords 70 to 80% of maximum PIII processing speed)
	Hibernation Instant-on via Standby Pop-ups with three presets One custom level of power conservation ACPI compliant
MultiBay Devices (with optional MEU)	Supports swapping with power or in suspend mode under Windows 9.x, Windows 2000 and NT4.0 Supports Hot Swapping: CD-ROM, DVD-ROM, MultiBay Battery Supports swapping with power or in suspend mode Secondary Hard Drive, 2X LS-120
Service and Support	Compaq Services includes a one-year, Worldwide Limited Warranty, pick-up or carry-in, toll-free 7 x 24 hardware technical phone support. Optional services include; upgrade to three years standard warranty, onsite warranty, application and operating system support.
	Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

QuickSpecs

Standard Features

Naming Convention   The Etymology of a Model name:

- PRODUCT NAME
- PROCESSOR (PENTIUM III)
- PROCESSOR SPEED
- DISPLAY (T=TFT ; 1=11.3" ; 2=12.1", X=XGA)
- HARD DRIVE
- COMMUNICATION (M=MODEM ; C=MODEM/NIC COMBO)
- MEMORY
- OPERATING SYSTEM
  (98 =WIN 98; N4=WIN NT 4.0;
  N2= WIN 2000/WIN NT 4.0)

| AM3 | P3 | 600 | T1X | 12 | C | 64 | N2 |

QuickSpecs

Standard Features

Models

AM3 P3600T2X126498 191911-xx2	Display	12.1-inch color TFT XGA
	Processor	Intel Pentium III 600-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98

AM3 P3600T2X1264N2 191911-xx8	Display	12.1-inch color TFT XGA
	Processor	Intel Pentium III 600-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT 4.0 (Dual Install)

AM3 P3600T2X12C6498 180400-xx2	Display	12.1-inch color TFT XGA
	Processor	Intel Pentium III 600-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98

AM3 P3600T2X12C64N2 180400-xx8	Display	12.1-inch color TFT XGA
	Processor	Intel Pentium III 600-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT 4.0 (Dual Install)

QuickSpecs

Standard Features

AM3 P3600T2X12C6498 180400-xx3		
Display	12.1-inch color TFT XGA	
Processor	Intel Pentium III 600-MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB SDRAM
	Maximum	320 MB SDRAM
Optical Drive	None	
Hard Drive	12-GB SMART	
Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 98	

AM3 P3600T2X12C64N2N 180400-xx9		
Display	12.1-inch color TFT XGA	
Processor	Intel Pentium III 600-MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB SDRAM
	Maximum	320 MB SDRAM
Optical Drive	None	
Hard Drive	12-GB SMART	
Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 2000/NT 4.0 (Dual Install)	

AM3 P3600T1X66498 180427-xx2		
Display	11.3-inch color TFT XGA	
Processor	Intel Pentium III 600-MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB SDRAM
	Maximum	320 MB SDRAM
Optical Drive	None	
Hard Drive	6-GB SMART	
Modem		
Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 98	

AM3 P3600T1X664N2 180427-xx8		
Display	11.3-inch color TFT XGA	
Processor	Intel Pentium III 600-MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB SDRAM
	Maximum	320 MB SDRAM
Optical Drive	None	
Hard Drive	6-GB SMART	
Modem		
Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 2000/NT 4.0 (Dual Install)	

Standard Features

AM3 P3600T1X6C6498 180428-xx2	**Display**	11.3-inch color TFT XGA	
	Processor	Intel Pentium III 600-MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	320 MB SDRAM
	Optical Drive	None	
	Hard Drive	6-GB SMART	
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
	Audio	Compaq *Premier•Sound*™	
	Software	Windows 98	
AM3 P3600T1X6C64N2 180428-xx8	**Display**	11.3-inch color TFT XGA	
	Processor	Intel Pentium III 600-MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	320 MB SDRAM
	Optical Drive	None	
	Hard Drive	6-GB SMART	
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
	Audio	Compaq *Premier•Sound*™	
	Software	Windows 2000/NT 4.0 (Dual Install)	
AM3 P3600T1X6C6498 180428-xx3	**Display**	11.3-inch color TFT XGA	
	Processor	Intel Pentium III 600-MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	320 MB SDRAM
	Optical Drive	None	
	Hard Drive	6-GB SMART	
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
	Audio	Compaq *Premier•Sound*™	
	Software	Windows 98	
AM3 P3600T1X6C64N2N 180428-xx9	**Display**	11.3-inch color TFT XGA	
	Processor	Intel Pentium III 600-MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	320 MB SDRAM
	Optical Drive	None	
	Hard Drive	6-GB SMART	
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo	
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM	
	Audio	Compaq *Premier•Sound*™	
	Software	Windows 2000/NT 4.0 (Dual Install)	

QuickSpecs

Standard Features

AM3 P3500T1XC126498 165288-xx2	Display	11.3-inch color TFT XGA
	Processor	Intel Pentium III 500-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98

AM3 P3500T1XC1264N4 165288-xx6	Display	11.3-inch color TFT XGA
	Processor	Intel Pentium III 500-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows NT 4.0

AM3 P3500T1XC1264N2 165288-xx8	Display	11.3-inch color TFT XGA
	Processor	Intel Pentium III 500-MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB SDRAM
		Maximum 320 MB SDRAM
	Optical Drive	None
	Hard Drive	12-GB SMART
	Modem	Mini-PCI v.90 modem / 10/100 TX NIC Combo
	Graphics	ATI RAGE LT Pro - 4MB of SGRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT 4.0 (Dual Install)

QuickSpecs

Options

Memory	256-MB Memory Upgrade (Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.)	161554-B21
	128-MB Memory Upgrade	400313-B21
	64-MB Memory Upgrade	400312-B21
	32-MB Memory Upgrade	400311-B21

Monitors	TFT8020 Flat Panel Colour 18-inch (carbon)	159244-001
	TFT5010 Flat Panel Colour 15-inch (carbon)	154486-001
	TFT5005 Flat Panel Colour 15-inch (carbon)	201430-001
	V710 Colour 17-inch	187895-001
	P1100 Colour 21-inch	325606-001
	S910 Colour 19-inch	138485-001

MultiBay Hard Drives	30-GB SMART Hard Drive	212791-B25
	20-GB SMART Hard Drive	212790-B25
	10-GB SMART Hard Drive	212789-B25
	12-GB 4200 rpm SMART Ultra ATA/66 Hard Drive	163531-B25
	6-GB 4200 rpm SMART Ultra ATA/66 Hard Drive	173395-B25

MultiBay Storage Drives	CD-RW	136186-B25
	8X DVD-ROM Drive	138230-B25
	24X CD-ROM Drive	298452-B25
	2X SuperDisk LS-120	197895-B25

Mobile Expansion Unit (MEU)	MEU with 24X Max CD-ROM Drive (Data transfer rates will vary from 150 KB/s to 3600 KB/s.)	134097-B21
	MEU with 8X DVD Drive	187774-B21

Connectivity	1394 PC Card	177593-B25
	Compaq M420 56K Global Modem	317900-001
	10/100 TX PC Card UTP Controller	335506-B21
	100Base TX Ethernet Upgrade	225435-001
	For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq website at: http://www.compaq.com/support/techpubs/pcmcia/ Note: This Web site is available in English only.	
	Note: Designed only to allow faster downloads from v.90 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem only supports Windows 9.x and Windows NT 4.0.	

Wireless Connectivity	Compaq WL100 11 Mb/s Wireless LAN PC Card	146927-001
	Compaq WL400 11 Mb/s Wireless LAN Hardware Access Point	158603-001
	Compaq WL300 Software Access Point 11Mb/s	157209-B21
	For more information on Compaq WLAN Wireless LAN solutions visit: http://www.compaq.com/products/wlan/wl100-specifications.html Note: This Web site is available in English only.	

QuickSpecs

Options

Expansion Bases	ArmadaStation EM	383500-xx1
	ArmadaStation EM with Intel NIC	120266-xx1
	ArmadaStation EM with 3Com NIC	120264-xx1
	ArmadaStation Tower Stand	123129-B25
	Convenience Base EM	382500-xx1
	Convenience Base EM with Intel NIC	120971-xx1
	Convenience Base EM with 3Com NIC	120970-xx1
	Convenience Base Monitor Cover	122931-xx1
	Port Replicator EM	382300-xx1
	PCI IBM Token Ring Card	133749-B21
	PCI CardBus Reader	127397-B25

Note: The Armada M300 requires the optional Mobile Expansion Unit (MEU) for docking with any of the expansion bases listed above

Note: An Armada M300 with the High-Capacity Travel Battery attached to the unit cannot be placed in any EM docking solution.

Power	Primary Battery (4-cells)	134096-B21
	High Capacity Travel Battery	134099-B21

Note: An Armada M300 with the High-Capacity Travel Battery attached to the unit cannot be placed in any EM docking solution.

Common Armada Power Solutions – Armada E500, Armada M300 and Armada M700

	MultiBay Battery (6-cells)	387937-B25
	External Battery Charger	135555-xxx
	AC Adapter 50W	120765-xxx
	Auto Power Adapter/ Charger	401043-B25
	Aircraft Power Adapter	386504-B21
	AC Line Cord (10-ft)	217932-xx2

Input Devices	External Enhanced III Keyboard (carbon)	118003-008
	Compaq 2 Button Mouse (carbon)	103180-B21
	USB 2 Button Scroll Mouse (carbon)	195255-B25
	External 10-Key Numeric Keypad (carbon)	294317-B21

Security	Biometric PC Card	146805-B25
	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25

Invaluable Accessories	Compaq Armada Headset with microphone	220460-001
	MP1400 Microportable Projector	174626-xx4
	MP1800 Microportable Projector	180226-xx1
	MP2800 Microportable Projector	180228-xx1
	Multimedia Adapter & Remote Kit (*comes with the MP1800*)	174963-001
	MP1600 Video Adapter	116298-001
	MP1600 Lamp replacement kit	118052-001
	MP1800/1400 Lamp replacement kit	189789-001
	MP2800 Lamp replacement kit	215464-001

QuickSpecs

Options

Carrying Cases

Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Professional Case (nylon)	401366-B21
Compaq Professional Case (leather)	401367-B21
Armada M300 and Armada M700 specific	
Compaq M Series Portfolio Case	167337-B21
Compaq Ultralight Case	167336-B21
For additional Compaq Brand cases, call 1-800-888-5903.	

QuickSpecs

Memory

Compaq Armada M300

STANDARD MEMORY

64 MB SDRAM installed on the System Board (1 slot available)

Memory		Slot 1
Standard	64 MB	Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 320 MB of SDRAM memory is available with the installation of optional SDRAM Memory Kits in addition to the 64-MB SDRAM on the System Board.

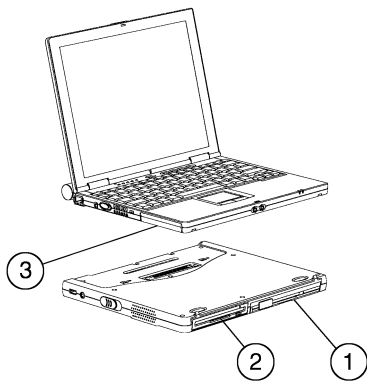| Memory		Slot 1
Up To	128 MB	64 MB
	196 MB	128 MB
	320 MB	256 MB

Note: This chart does not represent all possible memory configurations. Due to the non-industry standard nature of some third-party Memory modules, we strongly recommend using only Compaq branded Memory modules to ensure compatibility.

Following are memory options available from Compaq:

- 256-MB 100 MHz Memory Upgrade   161554-B21
- 128-MB 100 MHz Memory Upgrade   400313-B21
- 64-MB 100 MHz Memory Upgrade   400312-B21
- 32-MB 100 MHz Memory Upgrade   400311-B21

Note: Due to the non-industry standard nature of some third-party 256 MB Memory modules, we strongly recommend using only Compaq branded 256 MB Memory modules to ensure compatibility.

QuickSpecs

Storage

1. MultiBay
2. Diskette Drive Bay
3. Hard Drive Bay

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	Up to 1	External connects via parallel port
Hard Drives		
12-GB SMART Hard Drive	Up to 1	Hard Drive Bay
6-GB SMART Hard Drive	Up to 1	Hard Drive Bay
MEU Drive Support		
Removable Media		
1.44-MB Diskette Drive	Up to 1	Diskette Drive Bay
8X DVD-ROM Drive	Up to 1	MultiBay
24X Max CD-ROM Drive	Up to 1	MultiBay
2X SuperDisk LS-120	Up to 1	MultiBay
Hard Drives		
12-GB SMART Hard Drive	Up to 1	MultiBay
6-GB SMART Hard Drive	Up to 1	MultiBay

QuickSpecs

Technical Specifications

System Unit	Dimensions (HxWxD)	With 12.1–inch display	0.89 x 10.5 x 9.5 in/ 2.2 x 26.6 x 24.2 cm
		With 11.3–inch display	0.89 x 10.47 x 9 in/ 2.3 x 26.4 x 22.9 cm
	Weight	Min/Max	3.18 lbs to 3.37 lbs/1.44 kg to 1.53 kg
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.2 VDC
		Maximum Operating Power	35W
		Peak Operating Power	40W
	Temperature	Operating	50° to 95°F/10° to 35°C
		Non-operating	–4° to 140°F/–20° to 60°C
	Relative Humidity (non-condensing)	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 90% relative humidity, 101.6°F/38.7°C Maximum wet bulb temperature
	Shock	Operating	10 G, 11 ms, half-sine
		Non-operating	60 G, 11 ms, half-sine
	Vibration	Operating	0.5 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate
		Non-operating	1.0 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate
	Maximum Altitude (unpressurized)	Operating	0-10,000 ft/3,048 m (14.7 to 10.1 psia)
		Non-operating	0-30,000 ft/9,144 m (14.7 to 4.4 psia)

QuickSpecs

Technical Specifications

12.1-Inch Colour TFT XGA Display		
Dimensions (HxW)	10.3 x 7.8 in (26.1 x 19.9 cm)	
Diagonal Size	12.1 in (30.7 cm)	
Mounting	Internal	
Number of Colours	16M	
Contrast Ratio	125:1	
Brightness	130 nit typical AC only/70 on battery115 nit minimum	
Pixel Resolution	Pitch	0.264 x 0.264 mm
	Format	1024 x 768
	Configuration	RGB Stripe
Backlight	CCFT	
Character Display	80 x 25	
Total Power Consumption	4W	
Refresh	640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200	

11.3-Inch Colour TFT XGA Display		
Dimensions (HxW)	7.5 x 10.1 in/19 x 25.6 cm	
Diagonal Size	11.3 in/28.7 cm	
Mounting	Internal	
Number of Colours	16M	
Contrast Ratio	125:1	
Brightness	120 to 150 nit AC only/80 on battery	
Pixel Resolution	Pitch	64 x 0.264 mm
	Format	24 x 768
	Configuration	B Stripe
Backlight	CCFT	
Character Display	80 x 25	
Total Power Consumption	4W	
Refresh	640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200	

QuickSpecs

Technical Specifications

Hard Drives

12GB

Capacity	12 GB	
Height	9.5 mm	
Width	2.5 in/63.5 mm	
Interface	ATA	
Transfer Rate	Synchronous (Maximum)	33.3 MB/s
Seek Time (typical reads, including settling)	Single Track Average Full-Stroke	4 ms 13 ms (read) 23 ms
Rotational Speed	4200 rpm	
Physical Configuration	Bytes/sector	512
Operating Temperature	41° to 131°F/5° to 55°C	

6GB

Capacity	6 GB	
Height	9.5 mm	
Width	2.5 in/63.5 mm	
Interface	ATA	
Transfer Rate	Synchronous (Maximum)	33.3 MB/s
Seek Time (typical reads, including settling)	Single Track Average Full-Stroke	4 ms 13 ms (read) 23 ms
Rotational Speed	4200 rpm	
Physical Configuration	Bytes/sector	512
Operating Temperature	41° to 131°F/5° to 55°C	

QuickSpecs

Technical Specifications

Diskette Drive	Diskette Size	3.5 in	
	Weight	0.47 lb/0.21 kg	
	Light	On drive	
	Height	0.55in/1.4 cm	
	Bytes per Sector	512	
	Sectors per track	High density	18 (1.44 MB)/15 (1.2 MB)
		Low density	9
	Tracks per side	High density	80 (1.44 MB)/80 (1.2 MB)
		Low density	80
	Read/Write heads	2	
	Access Times	Track-to track (high/low)	3 ms/6 ms
		Average (high/low)	94 ms/174 ms
		Settling time	15 ms
		Latency average	100 ms

External AC Adapter	Weight	0.55 lb/0.25 kg	
	Power Supply (Input)	Operating Voltage	90 to 260 VAC RMS
		Operating Current	1.1 A RMS
		Operating Frequency Range	47 to 63 Hz AC
		Maximum Transient	4/50 kV

Li-Ion Battery Pack (4-cell)	Dimensions (HxWxD)	0.9 x 10.47 x 0.9 in/2.3 x 26.6 x 2.3 cm	
	Weight	0.48 lb/0.21 kg	
	Cells	4 Li-Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	2.8 Ah
		Watt-hour capacity	27Wh
	Temperature	Operating	41° to 95°F/5° to 35°C
		Non-operating	−22° to 140°F/−30° to 60°C

Li-Ion Battery Pack High Capacity (4-cell)	Dimensions (HxWxD)	1.8 x 10.6 x 1.2 in/4.6 x 26.6 x 3.2 cm	
	Weight	0.93 lb/0.42 kg	
	Cells	4 Li-Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	2.8 Ah
		Watt-hour capacity	34Wh
	Temperature	Operating	41° to 95°F/5° to 35°C
		Non-operating	−22° to 140°F/−30° to 60°C

QuickSpecs

Technical Specifications

Mobile Expansion Unit (Optional)	**Dimensions** (HxWxL)	0.9 x 10.47 x 9 in/2.3 x 26.6 x 22.9 cm	
	Weight	With CD 1.9 lbs/0.86 kg With DVD 1.85 lbs/0.84 kg	
	Ports	Parallel, serial, (2) PS/2, USB, VGA, Audio in/out	
	Connectors	220-pin docking connector, system docking connector	
	Audio	(2) Stereo speakers	
	FDD Support	Supports M300 Diskette Drive	
	MultiBay Support	DVD-ROM, CD-ROM, 2X SuperDisk LS-120, second Hard Drive, second Battery	

8X DVD ROM Drive (Supported in optional MEU)	**Center Hole Diameter**	0.59 in/0.39 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	0.74 μm	
	Access Times (typical reads, including settling)	Random	< 150 ms
		Full-Stroke	< 225 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	Sustained (16X)	150 KB/s
		Sustained 4X DVD	5,520 KB/s
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 15 sec	
	Stop Time	< 6 sec	

QuickSpecs

Technical Specifications

24X Max CD-ROM Drive (Supported in optional MEU)	Applicable Disk	CD-ROM (Mode 1, 2 and 3), CD-XA ready (Mode 2, Form 1 and 2), CD-I ready (Mode 2, Form 1 and 2), CD-R (read only), CD Plus, Photo CD (Single and Multi-session), CD-Extra, Video CD, CD-WO (fixed packets only), CD-Bridge	
	Center Hole Diameter	0.59 in/15 mm	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	1.6 µm	
	Access Times (typical reads, including settling)	Random	< 150 ms
		Full-Stroke	< 300 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	Sustained (16X)	150 KB/s (sustained 1X)
		Variable	1500 to 3600 KB/s (10X to 24X)
		Normal PIO Mode 4 (single burst)	16.66 MB/s
	Start-up Time	< 8 sec	
	Stop Time	< 4 sec	

Technical Specifications

Compaq 56K(V.90) plus Intel PRO/100+ Mini PCI	**Form Factor**	Mini-PCI Type 1B per Specification
	OS Support (with all released Service Packs)	Windows 95 (OSR2.x), Windows 98 SE (Gold, SE), Windows NT4.0, Windows 2000, DOS Application Support under Windows
	Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Windows NT
	Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
	Modem Device Driver Name	Compaq 56K (V.90) Mini PCI
	Data Mode Capabilities	V.90 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) Optional symbol rates: 2800, 3429 Asymmertric Symbol rates Synchronous primary channel data signaling rates: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
	Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
	Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control: +IPR, +ICF, +IFC, + Iirr Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Technical Specifications

Intel PRO/100+ Mini PCI	Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10Base T 100 Mbps Ethernet: IEEE 802.3u standard 100Base TX Full Duplex at 10 and 100Mb/s Auto-Negotiation Wake on LAN from all power managed states, including soft off (S5) Boot on LAN from OFF Lower Power State on Link Loss
	Data Link Layers	IEEE 802.2 LLC SNAP
	Software support	Artisoft Lantastic 7.0, 8.0, Dedicated Server 1.1 Banyan 7.x, 8.5x IBM LAN Server Version 1.2, 1.3, 2.0, 4.0 Microsoft NT 3.51, NT 4.0. Windows 2000 Novell Netware 3.1x, 4.x, 5.x
	Protocol support	TCP/IP Novell IPX/SPX and Microsoft compatible Novel IPX ODI Microsoft NetBEUI Sun Microsystems PC-NFS Banyan Vines Ethernet IBM DLC

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