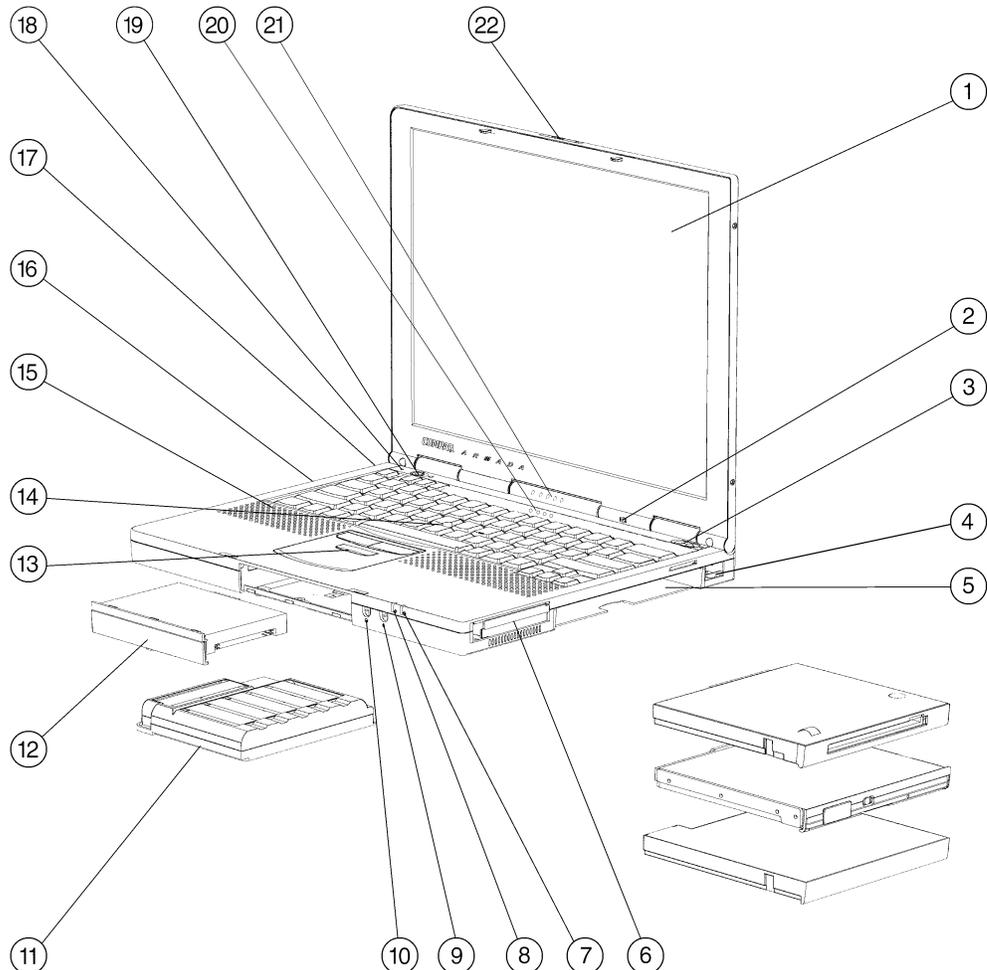# QuickSpecs

Overview

What's New

- Intel Mobile Pentium® III 1.0 GHz processors with SpeedStep™ technology
- Up to 30GB Hard Drive
- CD-RW on select models
- Enhanced Battery life (up to 4 hours)
- Floppy Disk Drive Cable/Caddy (removed)

At A Glance

- Intel Mobile Pentium® III 1.0 GHz, 850, 750, 700, MHz processors with Intel SpeedStep™ technology
- Up to 14.1-inch TFT XGA display
- Configurations as light as 4.8 lbs/2.2 kg weight
- 1.2 in/3.048 cm thin
- 128MB or 64MB SDRAM (100MHz), Upgradable to 576 MB
- Up to 30GB SMART hard drives
- User removable hard drive
- Full-size keyboard
- Windows 2000/Windows NT 4.0 (Dual Install) or Windows 98 SE
- Protected by a three-year, worldwide limited warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's Special

- Thin and light design with integrated MultiBay
- 4.8 lb/2.2 kg light
- 1.2 in/3.048 cm thin
- Magnesium display enclosure
- Dual battery support
- Common docking solutions across the Armada E and M Series
- Industry leading PC lifecycle solutions

1. Color Display
2. Microphone
3. Power Switch
4. RJ-11/RJ-45 ports
5. MultiBay (holds 12.7mm diskette drive, CD-RW, 24X CD-ROM, 8X DVD-ROM, SuperDisk 2X LS-120, second battery, second hard drive)
6. PC Card Slots (2)
7. Battery Charging Light
8. System-On Light
9. Microphone–in port
10. Stereo Speaker/ Headphone–out port
11. Primary Battery
12. Primary Hard Drive
13. Left/Right/Third Mouse Buttons
14. 3D Pointing Device
15. Stereo Speakers
16. Cable Lock Connector
17. NTSC/PAL Video Connector
18. Lid Switch
19. Suspend Button
20. Easy Access Internet Buttons
21. System Status LEDs
22. Display Latch

COMPAQ

QuickSpecs

Standard Features

Processor and Panel *One of the following:*	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	1.0 GHz on Intel Mobile Pentium® III processor
	850 MHz on Intel Mobile Pentium® III processor
	750 MHz on Intel Mobile Pentium® III processor
	700 MHz on Intel Mobile Pentium® III processor
	650 MHz on Intel Mobile Pentium® III processor
	13.3-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	700 MHz on Intel Mobile Pentium® III processor
	Note: Mobile Pentium® III processors feature Intel SpeedStep™ technology.
	Note: Mobile Pentium® III processors feature 256KB integrated cache.

Memory *One of the following:*	Standard	128 MB - 100MHz SDRAM (64MB down on board, 64MB slot one, second slot open)
	Maximum	576 MB - 100MHz SDRAM
	Standard	64 MB - 100MHz SDRAM (down on board, two slots open)
	Maximum	576 MB - 100MHz SDRAM
	Note: 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.	

Integrated Communications	Type I Mini PCI
	Compaq 56K (V.90) Modem or
	Compaq 56K (V.90) Modem plus 10/100 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	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 M700 comes with four Easy Access Internet Buttons allowing quick access to your most popular Internet sites, files and applications. The buttons come pre-set; however, they are user-customizable and designed to increase productivity by providing one-touch access.

Pointing Device	EasyPoint IV™ 3D Pointing Stick

PC Card Slots	Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus (Full support in Windows 9.x and Windows 2000) and 16-bit PC Cards; zoom video support in bottom slot.

Storage	Diskette Drives	1.44 MB
	Optical Drives - *One of the following:*	CD-RW Drive
		8X DVD-ROM Drive
		24X CD-ROM Drive
	Removable Drives	Zip 250 Drive (MultiBay)
		IBM 1GB Micro Drive (PC Card Drive)
	Hard Drives - *One of the following:*	30-GB SMART Hard Drive
		20-GB SMART Hard Drive
		12-GB SMART Hard Drive
		10-GB SMART Hard Drive

QuickSpecs

Standard Features

Multimedia	Compaq *Premier•Sound*™ for enhanced stereo audio	
	Integrated 16-bit Sound Blaster Pro-compatible stereo audio	
	Integrated stereo speakers and microphone	
	Software volume control	
	Headphone-out	
	Microphone-in	
	Software MPEG1 support, MPEG2 and DVD	
	CD-RW-Drive *(on select models)*	
	8X DVD-ROM Drive with movie playback software *(on select models)*	
	24X CD-ROM Drive *(on select models)*	
	RCA CompositeTV-out port	
	2X AGP graphics	
	8MB SDRAM	

Interfaces	PC Card	Two Type II/One Type III
	Enhanced Parallel EPP/ECP	1 (can be used to connect external diskette drive)
	Serial Port	1
	TV out connector NTSC/PAL	1
	External Monitor	1
	PS/2 External Keyboard/Pointing Device	1 Supports Y-cable in order to attach both Keyboard and Mouse simultaneously
	Expansion Base	1
	Headphone/Line-out	1
	Microphone in	1
	DC 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 Mobility Pro, 64-bit video graphics with 8-MB SDRAM for increased color depth and graphics performance

Operating System	Windows 2000/Windows NT 4.0 (Dual Install)
	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 SE (Second Edition)

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

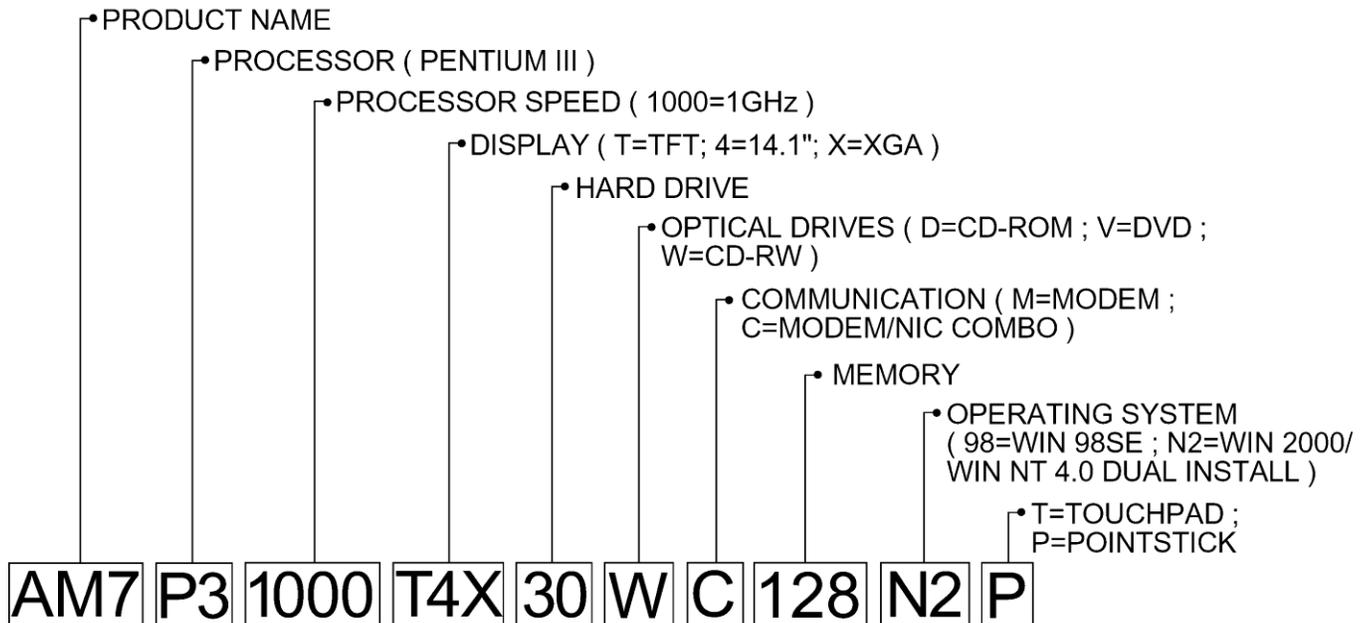|	
System Recovery	Each unit is shipped with a CD kit for quick recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)

QuickSpecs

Standard Features

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 Notebooks, Professional Workstations 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 Web site: www.compaq.com/im.
Security	Configuration Control Hardware Memory Change Alert Ownership Tag Set-up Password Power-On Password DriveLock QuickLock QuickBlank Enabled for PC SmartCard options
Power Supply	External AC adapter, 6-foot power cord included. Total length including External AC adapter is 12 feet (3.66 meters)
Battery	The Armada M700 provides 4 hours of battery life using the standard 8-cell Li-Ion battery. With the additional 6-cell MultiBay battery installed, battery life may be increased to over 6.25 hours. Note: Actual results may vary with product model, configuration, and individual usage. Compaq results of 4:01 (hr:min) were achieved running the eTesting Labs Inc.'s BatteryMark TM Test version 4.0.1 on an M700 with an Intel Pentium III 1 GHz processor, 14.1-inch XGA CTFT Display, 128 MB SDRAM, 30 GB HDD, CD-RW, 8-cell Li-Ion battery and 56k V.90 Modem plus 10/100 NIC combo. System parameters were set according to Ziff Davis recommendations: panel brightness 50%, hard drive standby and video idle time 3 minutes, Intel Speedstep battery optimized mode. The same configuration achieved 6:23 when the CD-RW was replaced with the 6-cell Li-Ion MultiBay battery. Note: This test was performed without independent verification by eTesting Labs Inc. eTesting Labs Inc. makes no representations or warranties as to the result of the test. BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., and affiliate of eTesting Labs Inc., in the U.S. and other countries.
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	MultiBay devices may be swapped with the system powered on (hot) or in suspend mode (warm) under Windows 98 SE or Windows 2000 (except MultiBay Zip 250 drive or MultiBay secondary hard drive). MultiBay devices can be swapped with system power off under any supported operating system.
Service and Support	Compaq Services includes a three-year, Worldwide Limited Warranty, pick-up or carry-in, upgrade to on-site warranty or additional two-year warranty available, and toll-free 7 x 24 hardware technical phone 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 (1000=1GHz)
- DISPLAY (T=TFT; 4=14.1"; X=XGA)
- HARD DRIVE
- OPTICAL DRIVES (D=CD-ROM ; V=DVD ; W=CD-RW)
- COMMUNICATION (M=MODEM ; C=MODEM/NIC COMBO)
- MEMORY
- OPERATING SYSTEM (98=WIN 98SE ; N2=WIN 2000/ WIN NT 4.0 DUAL INSTALL)
- T=TOUCHPAD ; P=POINTSTICK

AM7 **P3** **1000** **T4X** **30** **W** **C** **128** **N2** **P**

QuickSpecs

Standard Features

Models

AM7P31000T4X30WC128N2P	Display	14.1-inch color TFT XGA
470011-802	Processor	Intel Pentium III 1.0 GHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	CD-RW Drive IDE
	Hard Drive	30-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT4.0 (Dual Install)

AM7P31000T4X30WC12898P	Display	14.1-inch color TFT XGA
470011-801	Processor	Intel Pentium III 1.0 GHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	CD-RW Drive IDE
	Hard Drive	30-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98 SE

AM7P31000T4X20VC128N2P	Display	14.1-inch color TFT XGA
470011-813	Processor	Intel Pentium III 1.0 GHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	20-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT4.0 (Dual Install)

AM7P31000T4X20VC12898P	Display	14.1-inch color TFT XGA
470011-791	Processor	Intel Pentium III 1.0 GHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	20-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98 SE

QuickSpecs

Standard Features

AM7P3850T4X20VC128N2P *470006-422*	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 850 MHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	20-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/ NT4.0 (Dual Install)

AM7P3850T4X20VC12898P *470006-421*	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 850 MHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB SDRAM
		Maximum 576 MB SDRAM
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	20-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98 SE

AM7P3750T4X12VC128N2P *206647-008*	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 750 MHz
	Cache Memory	256-KB integrated
	Memory	Standard 128 MB
		Maximum 576 MB
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	12-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 2000/NT 4.0 (Dual Install)

AM7P3750T4X12VC6498P *206647-002*	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 750 MHz
	Cache Memory	256-KB integrated
	Memory	Standard 64 MB
		Maximum 576 MB
	Optical Drive	8X DVD-ROM Drive IDE
	Hard Drive	12-GB SMART
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo
	Graphics	64-bit video graphics with 8-MB SDRAM
	Audio	Compaq *Premier•Sound*™
	Software	Windows 98 SE

QuickSpecs

Standard Features

AM7P3700T4X12VC64N2P *205862-008*		
Display	14.1-inch color TFT XGA	
Processor	Intel Pentium III 700 MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB
	Maximum	576 MB
Optical Drive	8X DVD-ROM Drive IDE	
Hard Drive	12-GB SMART	
Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo	
Graphics	64-bit video graphics with 8-MB SDRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 2000/ NT4.0 (Dual Install)	

AM7P3700T4X12VC6498P *205862-002*		
Display	14.1-inch color TFT XGA	
Processor	Intel Pentium III 700 MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB
	Maximum	576 MB
Optical Drive	8X DVD-ROM Drive IDE	
Hard Drive	12-GB SMART	
Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo	
Graphics	64-bit video graphics with 8-MB SDRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 98 SE	

AM7P3700T4X12VM64N2P *205861-008*		
Display	14.1-inch color TFT XGA	
Processor	Intel Pentium III 700 MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB
	Maximum	576 MB
Optical Drive	8X DVD-ROM Drive IDE	
Hard Drive	12-GB SMART	
Modem	Mini-PCI V.90 modem	
Graphics	64-bit video graphics with 8-MB SDRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 2000/ NT4.0 (Dual Install)	

AM7P3700T4X12VM6498P *205861-002*		
Display	14.1-inch color TFT XGA	
Processor	Intel Pentium III 700 MHz	
Cache Memory	256-KB integrated	
Memory	Standard	64 MB
	Maximum	576 MB
Optical Drive	8X DVD-ROM Drive IDE	
Hard Drive	12-GB SMART	
Modem	Mini-PCI V.90 modem	
Graphics	64-bit video graphics with 8-MB SDRAM	
Audio	Compaq *Premier• Sound*™	
Software	Windows 98 SE	

QuickSpecs

Compaq *Armada* M700

Standard Features

AM7P3700T3X10DC64N2P *470006-992*	Display	13.3-inch color TFT XGA	
	Processor	Intel Pentium III 700 MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	576 MB SDRAM
	Optical Drive	24X CD-ROM Drive IDE	
	Hard Drive	10-GB SMART	
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo	
	Graphics	64-bit video graphics with 8-MB SDRAM	
	Audio	Compaq *Premier• Sound*™	
	Software	Windows 2000/ NT4.0 (Dual Install)	
AM7P3700T3X10DC6498P *470006-990*	Display	13.3-inch color TFT XGA	
	Processor	Intel Pentium III 700 MHz	
	Cache Memory	256-KB integrated	
	Memory	Standard	64 MB SDRAM
		Maximum	576 MB SDRAM
	Optical Drive	24X CD-ROM Drive IDE	
	Hard Drive	10-GB SMART	
	Modem	Mini-PCI V.90 modem/10/100 TX NIC Combo	
	Graphics	64-bit video graphics with 8-MB SDRAM	
	Audio	Compaq *Premier• Sound*™	
	Software	Windows 98 SE	

QuickSpecs

Compaq *Armada* M700

Options

Memory	256-MB 100MHz Memory Upgrade	161554-B21
	128-MB 100MHz Memory Upgrade	400313-B21
	64-MB 100MHz Memory Upgrade	400312-B21
	(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.)	

Monitors	TFT8020 Flat Panel Color 18-inch (carbon)	159244-001
	TFT5010 Flat Panel Color 15-inch (carbon)	154486-001
	TFT 5005 Flat Panel Color 15-inch (carbon)	201430-001
	S710 17-inch CRT (carbon)	154499-002
	S510 15-inch CRT (carbon)	168636-002

MultiBay Hard Drives	30-GB SMART Hard Drive	212791-B25
	20-GB SMART Hard Drive	212790-B25
	10-GB SMART Hard Drive	212789-B25

MultiBay Storage Devices	Zip 250 Drive	217387-B25
	CD-RW Drive	136186-B25
	8X DVD-ROM Drive	138230-B25
	24X CD-ROM Drive	298452-B25
	2X Superdisk LS–120 Drive	197895-B25
	IBM 1GB Microdrive (PC card Device)	217390-B25

Connectivity	1394 PC Card	177593-B25
	For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq Web site at: http://www.compaq.com/support/techpubs/pcmcia/	
	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.	

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 WL 300 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	

QuickSpecs

Options

Expansion Bases		
	ArmadaStation EM	383500-001
	ArmadaStation EM with NIC	120266-001
	ArmadaStation Tower Stand	123129-B25
	Convenience Base EM	382500-001
	Convenience Base EM with NIC	120971-001
	Convenience Base Monitor Stand	122931-B25
	Port Replicator EM	382300-001
	PCI IBM Token Ring Card	133749-B21
	PCI Cardbus Reader	127397-B25

Power		
	Primary Battery (8-cells)	134111-B21
	Common Armada Power Solutions – Armada E500, Armada M300 and Armada M700	
	MultiBay Battery (6-cells)	387937-B25
	External Battery Charger	135555-001
	AC Adapter 50W	120765-001
	Auto Power Adapter/Charger	401043-B25
	Aircraft Power Adapter	386504-B21
	AC Line Cord (10-ft/3.1 m)	217932-002

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

Security		
	Biometrics 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	174626-001
	MP1800 Microportable Projector	180226-001
	MP2800 Microportable Projector	180228-001
	Multimedia Adapter & Remote Kit (*comes with the MP1800, optional for the MP1400*)	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 M700

STANDARD MEMORY

64-MB SDRAM installed on the System Board

Memory		Slot 1	Slot 2
Standard	64 MB	Empty	Empty
	128 MB	64 MB	Empty

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 576 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	Slot 2
Up To	192 MB	64 MB	64 MB
	256 MB	64 MB	128 MB
	320 MB	128 MB	128 MB
	384 MB	64 MB	256 MB
	384 MB	256 MB	64 MB
	448 MB	128 MB	256 MB
	576 MB	256 MB	256 MB

Note: This chart does not represent all possible memory configurations.

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

Note: 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.

QuickSpecs

Storage
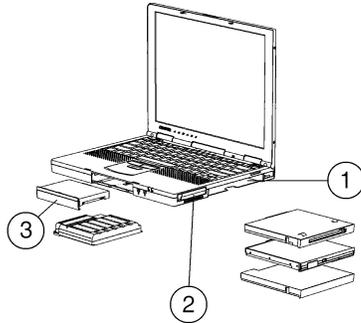
1.	MultiBay
2.	PC Card Slot
3.	Dedicated hard drive bay

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	MultiBay
CD-RW Drive	1	MultiBay
8X DVD-ROM Drive	1	MultiBay
24X CD-ROM Drive	1	MultiBay
2X SuperDisk LS-120	1	MultiBay
Zip 250 Drive	1	MultiBay
IBM 1GB Micro Drive (PC Card Drive)	2	PC Card Slot
Hard Drives		
30-GB SMART Hard Drive	2	Dedicated hard drive bay
20-GB SMART Hard Drive	2	Dedicated hard drive bay
12-GB SMART Hard Drive	2	Dedicated hard drive bay
10-GB SMART Hard Drive	2	Dedicated hard drive bay

QuickSpecs

Compaq *Armada* M700

Technical Specifications

System Unit	Dimensions (HxWxD)	14.1-inch TFT panel display	12.4 x 9.8 x 1.2 in/31.4 x 24.9 x 3.048 cm
		13.3-inch TFT panel display	12.4 x 9.8 x 1.2 in/31.4 x 24.9 x 3.048 cm
	Weight	14.1-inch TFT panel display/weight saver	5.1 lbs/2.3 kg
		13.1-inch TFT panel display/weight saver	4.8 lbs/2.2 kg
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.4V (8-cell), 10.8V (6-cell)
		Average Operating Power	15W
		Peak Operating Power	30W
	Power Supply	Rated Input Voltage	90 to 264 VAC (auto-switching)
		Rated Input Current	< 60W
		Rated Frequency	47 to 63 Hz
	Temperature	Operating	50° to 95° F/10° to 35° C
		Non-operating	–4° to 140° F/–20° to 60° C
	Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 95% 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 zero-to-peak, 10 to 500 Hz, 0.25 oct/minimum sweep rate
		Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/minimum sweep rate
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft/(0 to 3,048 m)
		Non-operating	0 to 30,000 ft/(0 to 9,144 m)

QuickSpecs

Technical Specifications

14.1-Inch Color TFT XGA Display			
Dimensions (HxW)	11.22 x 8.46 in/28.5 x 21.5 cm		
Diagonal Size	14.1 in/35.81 cm		
Mounting	Internal Panel Supports, Side Mounted		
Number of Colors	Up to 16.8M		
Contrast Ratio	150:1		
Brightness	120nt typ		
Pixel Resolution	Pitch	0.264 x 0.264 mm	
	Format	1024 x 768	
	Configuration	RGB stripe	
Backlight	Edge Lit		
Character Display	80 x 25		
Total Power Consumption	4.2W		

13.3-Inch Color TFT XGA Display			
Dimensions (HxW)	10.6 x 8 in/26.9 x 20.3 cm		
Diagonal Size	13.3 in/33.8 cm		
Mounting	Internal Panel Support		
Number of Colors	Up to 16.8M		
Contrast Ratio	150:1		
Brightness	120nt typ		
Pixel Resolution	Pitch	0.264 x 0.264 mm	
	Format	1024 x 768	
	Configuration	RGB Stripe	
Backlight	Edge Lit		
Character Display	80 x 25		
Total Power Consumption	4.2W		

QuickSpecs

Technical Specifications

Hard Drives

30GB

Capacity	30 GB	
Height	0.5 in/12.7 cm	
Width	2.75 in/70 mm	
Interface	ATA-5	
Transfer Rate	Synchronous (Maximum)	66.6 MB/s
	Security	ATA Security
Seek Time (typical reads, including settling)	Single Track	2.5 ms
	Average	12 ms
	Maximum	23 ms
Rotational Speed	4200 rpm	
Logical Blocks	58,605,120	
Operating Temperature	41° to 131° F/5° to 55° C	

20GB

Capacity	20 GB	
Height	0.374 in/9.5 mm in/12.5 mm	
Width	2.75 in/70 mm	
Interface	ATA-5	
Transfer Rate	Synchronous (Maximum)	66.6 MB/s (Drive Capability)
	Security	ATA Security
Seek Time (typical reads, including settling)	Single Track	2.5 ms
	Average	12 ms
	Maximum	23 ms
Rotational Speed	4200 rpm	
Logical Blocks	~ 39,070,080	
Operating Temperature	41° to 131° F/5° to 55° C	

12GB

Capacity	12 GB	
Height	0.5 in/12.7 cm	
Width	2.75 in/70 mm	
Interface	ATA-4	
Transfer Rate	Synchronous (Maximum)	66.6 MB/s (Drive Capability)
	Security	ATA Security
Seek Time (typical reads, including settling)	Single Track	2.5 ms
	Average	12 ms
	Maximum	23 ms
Rotational Speed	4200 rpm	
Logical Blocks	23,579,136	
Operating Temperature	41° to 131° F/5° to 55° C	

QuickSpecs

Technical Specifications

Hard Drives *(continued)*

10GB			
	Capacity	10 GB	
	Height	0.5 in/12.7 cm	
	Width	2.75 in/70 mm	
	Interface	ATA-4	
	Transfer Rate	Synchronous (Maximum)	66.6 MB/s (Drive Capability)
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track Average Maximum	3 ms 12 ms 23 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	~ 19,792,896	
	Operating Temperature	41° to 131° F/5° to 55° C	

Diskette Drive			
	Diskette Size	3.5 in	
	Activity Indicator	On system	
	Height	0.5 in/12.7 mm	
	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

QuickSpecs

Technical Specifications

External AC Adapter	Dimensions (HxWxD)	1.15 x 2.375 x 1.4 in/2.92 x 6.03 x 3.6 cm	
	Weight	0.66 lb/0.3 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 (8-cell)	Dimensions (HxWxD)	4.79 X 4.17 X 0.79 in/121.7 x 106 x 20 mm	
	Weight	0.97 lb/0.44 kg	
	Energy	Voltage	14.8 V
		Amp-hour capacity	3.2 Ah
		Watt-hour capacity	47.4Wh
	Temperature	Operating	32° to 104° F/0° to 40° C
		Non-operating	32° to 140° F/0° to 60° C

CD-RW Drive	Center Hole Diameter	0.59 in/1.5 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	0.047 in/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

8X DVD-ROM Drive			
	Center Hole Diameter	0.59 in/1.5 cm	
	Disc Diameter	12 cm/8 cm	
	Disc Thickness	1.2 mm	
	Track Pitch	0.74 µm	
	Access Times (typical reads, including settling)	Random (typical)	< 180 ms DVD Media
		Full-Stroke (typical)	< 300 ms DVD Media
		Random (typical)	< 120 ms CD Media
		Full-Stroke (typical)	< 200 ms CD Media
	Cache Buffer	128 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	Max 24X CD	3600 KB/s (150 KB/s at 1X CD rate)
		Max 8X DVD	10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 15 sec	
	Stop Time	< 6 sec	

24X CD-ROM Drive			
	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/1.5 cm	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	0.047 in/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	
	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	

QuickSpecs

Technical Specifications

Intel PRO/100+ Mini PCI	Ethernet Features	10 Mb/s Ethernet: IEEE 802.3 standard 10Base T 100 Mb/s 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

QuickSpecs

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

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