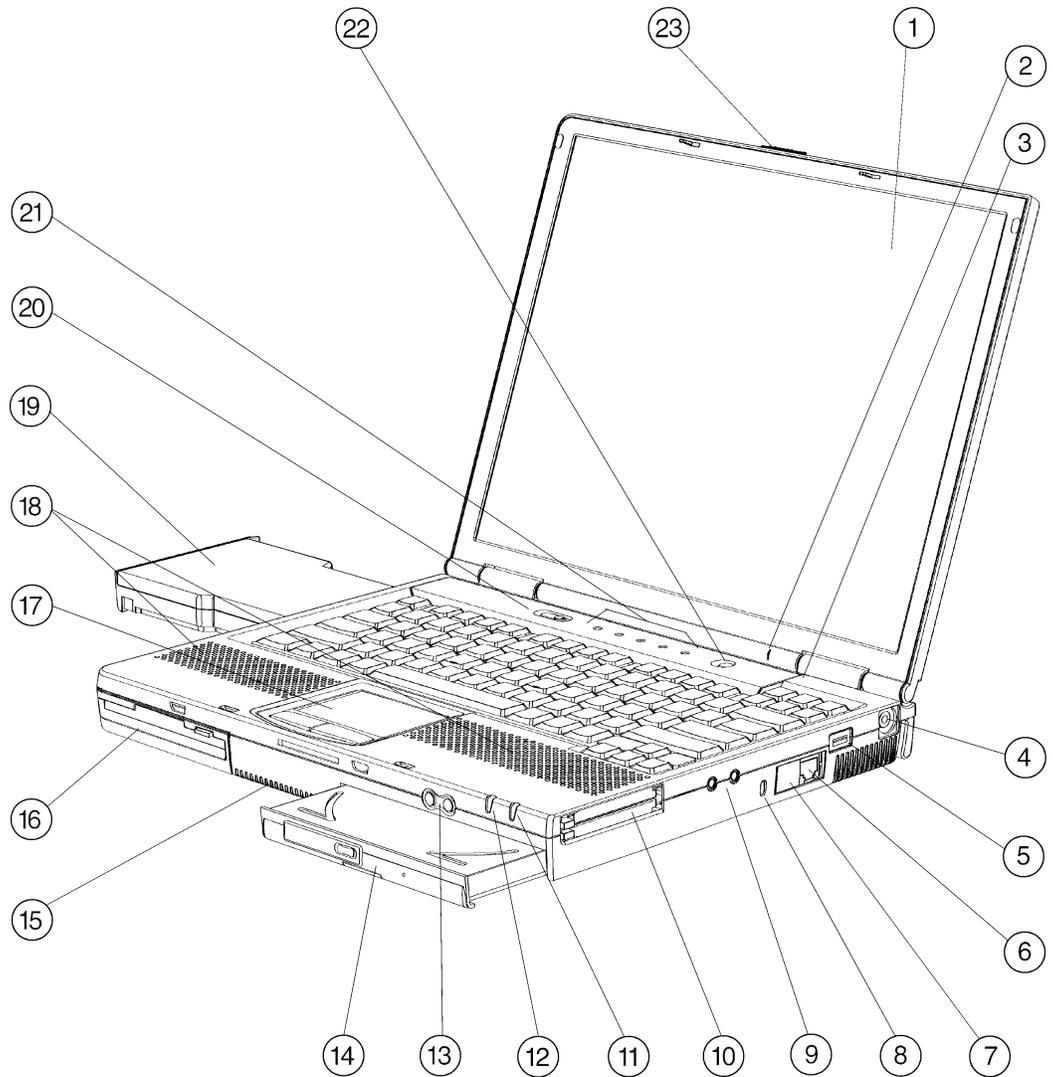# QUICKSPECS

Overview

AT A GLANCE

- Intel® Mobile Celeron™ processors 400, 466 or 500 MHz
- Up to 14.1″ TFT 1024 x 768 display
- All in One 3-spindle design
- As little as 5.8 lbs/2.6Kg and 1.6 in/4 cm thin
- Windows 95/98 (Dual Install) preinstalled, support for Windows NT Workstation 4.0
- Integrated Mini-PCI 56K V.90 modem
- Full-size keyboard
- User removable hard drive
- Up to Two batteries internal
- Enterprise Port Replicator EM docking solution
- 4 MB Video SDRAM
- Protected by a one -year, Worldwide Limited Warranty — Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. In Canada, consult the Product Information Center at 1-800-567-1616 for details.

1. 14.1-in 1024 x 768 color display
2. Microphone
3. Lid Switch
4. TV/Video out (NTSL/PAL)
5. Infrared Transceiver
6. Integrated RJ-11 Jack, 56K V.90 Mini-PCI modem
7. User upgradeable RJ-45 Ethernet Port
8. Cable Lock Connector
9. Microphone Jack/Headphone Jack
10. PC Card Slot (1)
11. Battery Power Light
12. AC Power Light/Standby
13. Volume control/mute
14. MultiBay (Supports CD-ROM/ DVD-ROM/ LS120/ secondary hard drive/MultiBay Battery)
15. Primary Hard Drive (under)
16. Fixed floppy
17. Touch Pad
18. Stereo Speakers
19. Primary Battery
20. Power Switch
21. Status LEDs
22. Suspend Button
23. Display Latch

QUICKSPECS

Standard Features

Armada V300
Available in multiple
configurations

Processor

Intel® Mobile Celeron™ processor 500 MHz
Intel® Mobile Celeron™ processor 466 MHz
Intel® Mobile Celeron™ processor 400 MHz

Cache Memory

128K level 2 Integrated

Memory

Standard	64 MB 100 MHz SDRAM
Maximum	512 MB 100 MHz SDRAM
Standard	32 MB 100 MHz SDRAM
Maximum	512 MB 100 MHz SDRAM

Integrated Communications

Mini-PCI 56K V.90 modem

Note: The Armada V300 is user upgradable with a Mini-PCI 56K V.90 modem + 10/100 TX NIC combo card.

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.

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+F4) toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast. Integrated Euro symbol key.

Pointing Device

Touchpad with integrated pick buttons / "Double Tap"

PC Card Slots

One Type II/One Type III PC Card Slot which support both 32-bit CardBus (Full support in Windows 9.x) and 16-bit PC Cards; zoomed video support

Storage

Diskette Drives	1.44 MB
Optical Drives	24X Max CD-ROM Drive IDE
Hard Drives	One of the following:
	4.3 GB SMART
	6 GB SMART

Multimedia

Compaq *Premier•Sound*™ for enhanced stereo audio
Integrated 16-bit Sound Blaster Pro-compatible stereo audio
Integrated stereo speakers and microphone
Software/hardware volume control
Headphone out jack
Microphone in jack
Software MPEG1 support
Optional 4X DVD-ROM drive DVD with movie playback software, MPEG2 Support
Internal 24X Max CD-ROM Drive
RCA TV-out port
2X AGP graphics
4 MB SDRAM

Standard Features

Interfaces

PC Card	One Type II/One Type III
Enhanced Parallel	1
Serial	1
TV out connector	1
External Monitor	1
External Keyboard/ Pointing Device	1
Expansion Base	1
Headphone/Line-out	1
Microphone in	1
DC Power	1
RJ-11 (modem)	1
RJ-45 (NIC)	1 (with optional Combo Mini-PCI card)
Infrared	1 (4 Mb/s support) (IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
USB	1
LED status indicators	7

Graphics

32-bit video graphics with 4-MB SDRAM for increased color depth and graphics performance

External refresh up to 90Hz @ 1280x1024 with up to 16.7M (16 777 216) colors

Display – One of the following:

14.1-inch color TFT with XGA 1024 x 768 resolution (up to 16.7M colors internal)

12.1-inch color TFT with SVGA 800 x 600 resolution (up to 16.7M colors internal)

12.1-inch color HPA with SVGA 800 x 600 resolution (up to 16.7M colors internal)

Operating System – One of the following:

Windows 95 / 98 (Dual install)
  (End user must make a one-time selection between Windows 95 and Windows 98. If end user desires rejected product(s) after selection is made, end user must acquire and pay for rejected product(s) separately.)

Software

Insight Management Agents
Intelligent Manageability
Security 32
Diagnostics for Windows NT or 9.x
Compaq Power Management
Online Safety and Comfort Guide
Reference Guide
Acrobat Reader

Backup

Each unit is shipped with a CD for Quick recovery (erases everything and install the OS like new) or software recovery (install only selected standard software).

Intelligent Manageability

Lowers total cost of ownership by providing enhanced security, asset management, fault prediction with SMART drives

Standard Features

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Setup Password
Power-On Password
DriveLock
QuickLock
QuickBlank

Power Supply

External AC adapter; 6-foot power cord included. Total length including External AC adapter is 12 feet (3.66 Meters)

Battery

6 or 9-cell Li-Ion battery is provided. Depending on the configuration, battery life of the 466 MHz model using the 9-cell battery is up to 3.0 hours based on standard configuration used. Maximum Battery life using additional 6-cell MultiBay battery is up to 5.0 hours.

Note: Actual results may vary with individual usage. When tested in standard configuration, using Ziff-Davis BatteryMark Test version 3.0, the battery life of the Armada V300 will range up to 3.30 hours. Standard configuration at time of announcement (10/25/99) is considered to be one battery, a 1024 x 768 x 16 bit color panel set at 50% brightness, Win98, 64 MB RAM, 4.3 GB HDD and no other drives other than the hard drive active.

Power Conservation

Hibernation
Instant-On via Standby
Pop-ups with three presets
One custom level of power conservation
ACPI compliant

MultiBay Devices

Under Windows 9.x and NT4.0
Supports the Hot Swapping : CD-ROM, DVD-ROM, LS-120, MultiBay Battery
Need to Reboot : Secondary Hard Drive

Service and Support

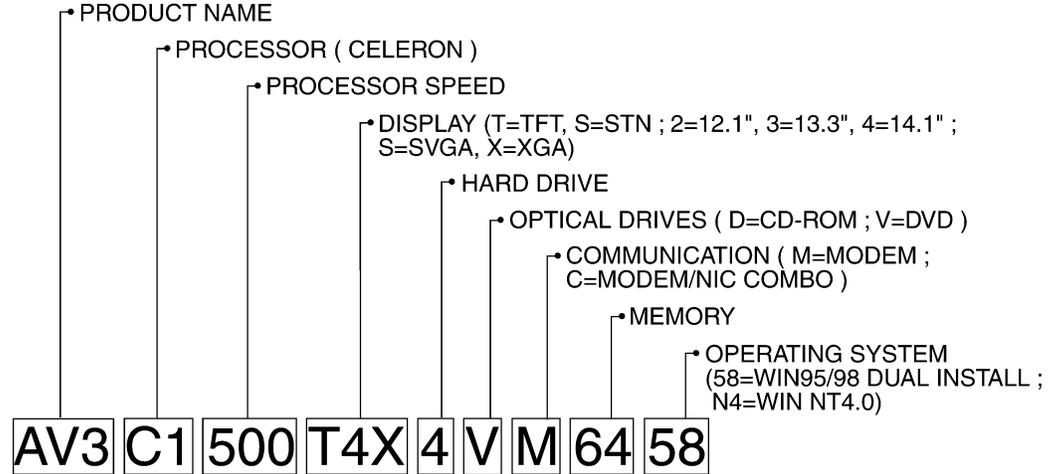Compaq Services includes a one-year, Worldwide Limited Warranty, pick-up or carry-in, upgrade to on-site warranty or additional two year warranty available; toll-free 7 x 24 hardware technical phone support.

Note: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. In Canada, consult the Product Information Center at 1-800-567-1616 for details.

QUICKSPECS

Compaq *Armada* V300

Standard Features

Naming Convention

Etymology of a Model Name: (This label will appear on the underside of the unit)

• PRODUCT NAME

    • PROCESSOR (CELERON)

      • PROCESSOR SPEED

        • DISPLAY (T=TFT, S=STN ; 2=12.1", 3=13.3", 4=14.1" ;
          S=SVGA, X=XGA)

          • HARD DRIVE

            • OPTICAL DRIVES (D=CD-ROM ; V=DVD)

              • COMMUNICATION (M=MODEM ;
                C=MODEM/NIC COMBO)

                • MEMORY

                  • OPERATING SYSTEM
                    (58=WIN95/98 DUAL INSTALL ;
                     N4=WIN NT4.0)

| AV3 | C1 | 500 | T4X | 4 | V | M | 64 | 58 |

Standard Features

Models

AV3 C1466T2S6DM6458
163306-002

Display	12.1-inch color TFT	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Mobile Celeron 466-MHz	**Hard Drive**	6-GB SMART
Cache Memory	128-KB integrated L2	**Modem**	Mini-PCI 56K V.90 modem
Memory		**Graphics**	32-bit video graphics with 4-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	512 MB	**Software**	Windows 98/95 (Dual Install)

AV3 C1500T4X6DM6458
163309-002

Display	14.1-inch color TFT	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Mobile Celeron 500-MHz	**Hard Drive**	6-GB SMART
Cache Memory	128-KB integrated L2	**Modem**	Mini-PCI v.90 modem
Memory		**Graphics**	32-bit video graphics with 4-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	512 MB	**Software**	Windows 98/95 (Dual Install)

AV3 C1466T4X4DM6458
117735-002

Display	14.1-inch color TFT	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Mobile Celeron 466-MHz	**Hard Drive**	4.3-GB SMART
Cache Memory	128-KB integrated L2	**Modem**	Mini-PCI 56K V.90 modem
Memory		**Graphics**	32-bit video graphics with 4-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	512 MB	**Software**	Windows 98/95 (Dual Install)

AV3 C1466T2S4DM6458
117733-002

Display	12.1-inch color TFT	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Mobile Celeron 466-MHz	**Hard Drive**	4.3-GB SMART
Cache Memory	128-KB integrated L2	**Modem**	Mini-PCI 56K V.90 modem
Memory		**Graphics**	32-bit video graphics with 4-MB SDRAM
Standard	64 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	512 MB	**Software**	Windows 98/95 (Dual Install)

AV3 C1400S2S4DM3258
117731-002

Display	12.1-inch color HPA	**Optical Drive**	24X Max CD-ROM Drive IDE
Processor	Intel Mobile Celeron 400-MHz	**Hard Drive**	4.3-GB SMART
Cache Memory	128-KB integrated L2	**Modem**	Mini-PCI 56K V.90 modem
Memory		**Graphics**	32-bit video graphics with 4-MB SDRAM
Standard	32 MB	**Audio**	Compaq *Premier•Sound*™
Maximum	512 MB	**Software**	Windows 98/95 (Dual Install)

Options

Memory

256-MB Memory Upgrade	161554-B21
(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.)	
128-MB Memory Upgrade	400313-B21
64-MB Memory Upgrade	400312-B21
32-MB Memory Upgrade	400311-B21

Monitors

TFT8020 Flat Panel (carbon)	159244-001
TFT5010 Flat Panel (carbon)	154486-001
TFT8000 Flat Panel (carbon)	307932-001
TFT5000 Flat Panel (carbon)	400064-001
P1100 Color (opal)	325606-001
(May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	
P900 Color (opal)	386326-001
P700 Color (opal)	380207-001
P110 Color	284956-001
(May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	
P75 Color (opal)	307806-001
V1100 Color (opal)	386472-001
V1000 Color (opal)	351757-001
V500 Color (opal)	325900-001
S910 Color (opal)	138485-001
S900 Color (opal)	360562-001
S710 Color (opal)	152991-001

Note: AssetControl monitor. AssetControl features are accessible with Compaq desktops featuring Intelligent Manageability.

Hard Drives

6-GB SMART MultiBay Hard Drive	173395-B25
12-GB SMART MultiBay Hard Drive	163531-B25
18-GB SMART MultiBay Hard Drive	164614-B25

Note: For Armada V300 and Armada E500 as primary drive. The Hard drive is shipped with a MultiBay adapter and can be used as secondary drive for transfer or backup.

Storage Devices

SuperDisk LS-120	296502-B25
24X Max CD-ROM	298452-B25
(Data transfer rates will vary from 150 KB/s to 3,600 KB/s.)	
DVD Drive 4X	118103-B25
(Data transfer rates will vary up to 5520KB/s.)	

Options

PC Cards

Compaq M420 56K Global Modem	317900-001
(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.)	
Compaq Microcom 550 56K V.90 Modem + 10/100 NIC Combo PC Card	321550-002
10/100 TX PC Card UTP Controller	335506-B21
PC Card Smart Card Reader	135646-B25

For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq website at: http://www.compaq.com/support/techpubs/pcmcia/pccardlist.html. Please note this website is available in English only.

Communications/Integrated mini PCI Type II

Mini PCI 56K V.90 modem + 10/100 NIC Combo Upgrade	149373-001

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.

Expansion Bases

Port Replicator EM	382300-001

Power

Primary Battery (9-cell)	146252-B25
(Primary battery for Armada E500 and Armada V300)	
MultiBay Battery (6-cell)	387937-B25
External Battery Charger	135555-001
AC Adapter 50W	120765-001
Auto Adapter/Charger	386504-B21
Air Adapter	386504-B21
AC Power Cord (10-ft)	217932-002

Input Devices

External Enhanced III Keyboard (Carbon)	118003-008
Compaq Mouse (Carbon)	103180-B21
Intellimouse (Opal)	294306-B21
10 Key Numeric Keypad (Carbon)	294317-B21

Useful Accessories

Security Cable Lock	294316-B21
Security Lock with common key order	294316-B22
Armada Headset with microphone	220460-001
MP1600 Microportable Projector	386202-001

Options

Carrying Cases

Compaq M-Series Portfolio	167337-B21
Compaq Ultralight Case	167336-B21
Compaq Value Case	294266-B21
Compaq Workstation Case	294267-B21
Compaq Global Case	294268-B21
Compaq Executive Case	294269-B21
Compaq Professional Nylon Case	401366-B21
Compaq Professional Leather Case	401367-B21

Wireless LAN

Compaq WL100 Wireless LAN PC Card (Type II)	146927-001
Compaq WL200 Wireless LAN PCI Card (Type II)	146929-001
Compaq WL300 Software Access Point	157209-001
Compaq WL400 Hardware Access Point	158603-001

QUICKSPECS

Memory

Compaq Armada V300

STANDARD MEMORY

32 MB 100Mhz SDRAM installed in 1 slot

Up To	Slot	
	1	**2**
32 MB	32 MB	Empty

STANDARD MEMORY PLUS
OPTIONAL MEMORY

Support for up to 288 MB of SDRAM is available with the installation of an optional Memory Upgrade.

Up To	Slot	
	1	**2**
64 MB	32 MB	32 MB
96 MB	32 MB	64 MB
160 MB	32 MB	128 MB
288 MB	32 MB	256 MB

OPTIONAL MEMORY

Support for up to 512 MB of SDRAM memory is available with the removal of the standard 32 MB SDRAM Memory Upgrade and the installation of optional SDRAM Memory Kits.

Up To	Slot	
	1	**2**
512 MB	256 MB	256 MB

Note: Because one memory slot is occupied in these products, the 32 MB SDRAM Memory (which ships standard) must be removed to reach the maximum memory of 512 MB. This chart does not represent all possible memory configurations.

Following are memory options available from Compaq:

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

Memory

Compaq Armada V300

STANDARD MEMORY

64 MB 100Mhz SDRAM installed in 1 slot

Up To	Slot	
	1	**2**
64 MB	64 MB	Empty

STANDARD MEMORY PLUS
OPTIONAL MEMORY

Support for up to 320 MB of SDRAM is available with the installation of an optional Memory Upgrade.

Up To	Slot	
	1	**2**
96 MB	64 MB	32 MB
128 MB	64 MB	64 MB
192 MB	64 MB	128 MB
320 MB	64 MB	256 MB

OPTIONAL MEMORY

Support for up to 512 MB of SDRAM memory is available with the removal of the standard 64 MB SDRAM Memory Upgrade and the installation of optional SDRAM Memory Kits.
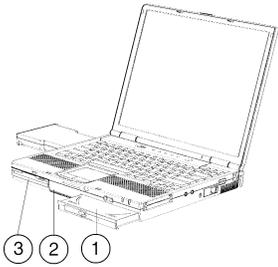
Up To	Slot	
	1	**2**
512 MB	256 MB	256 MB

Note: Because one memory slot is occupied in these products, the 64 MB SDRAM Memory (which ships standard) must be removed to reach the maximum memory of 512 MB. This chart does not represent all possible memory configurations.

Following are memory options available from Compaq:

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

QUICKSPECS

Storage

1 MultiBay
2 Primary Hard Drive
3 Floppy

DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	Fixed
24X Max CD-ROM Drive	1	MultiBay
DVD-ROM	1	MultiBay
SuperDisk LS-120	1	MultiBay
Hard Drives		
18-GB SMART Hard Drive	2	Primary hard drive and MultiBay
12-GB SMART Hard Drive	2	Primary hard drive bay and MultiBay
6-GB SMART Hard Drive	2	Primary hard drive bay and Multibay
4.3-GB SMART Hard Drive	1	Primary hard drive

Technical Specifications

System Unit	**Weight & Dimensions** (HxWxD)
	400 MHz/12.1" HPA or TFT display with Modem and 6-cell battery, 4.3GB drive, 64MB SDRAM, with weight saver or with CD-ROM drive — 5.8 to 6.55 lbs/2.63to 2.97 kg / 12.4 x 9.99 x 1.65 in/316 x 254 mm x 43mm
	466 MHz/12.1" TFT display with Modem and 9-cell battery, 6GB drive, 64MB SDRAM, with weight saver or with CD-ROM drive — 6.1 to 6.8 lbs/2.77 to 3.08kg / 12.4 x 9.99 x 1.65 in/316 x 254 mm x 41.8mm
	466 or 500 MHz/14.1" display with Modem and 9-cell battery, 4.3 or 6GB drive, 64MB SDRAM, with weight saver or with CD-ROM drive — 6.35 to 7.0 lbs/2.88to 3.18 kg / 12.4 x 9.99 x 1.65 in/316 x 254 mm x 41.8mm

Stand-Alone Power Requirements

Nominal Operating Voltage (Li-Ion)	10.8V
Average Operating Power	15W avg.
Peak Operating Power	30W peak

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 98°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 95% relative humidity, 101.6°F/38.7°C Maximum wetbulb temperature

Shock

Operating	10 G, 11 ms, half-sine
Non-operating	240 G, 2 ms, half-sine

Vibration

Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min
Non-operating	1.5 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min

Maximum Altitude (unpressurized)

Operating	0 to 10,000 ft/0 to 3048 m
Non-operating	0 to 30,000 ft/0 to 9144 m

14.1-Inch Color TFT XGA Display	**Viewable Dimensions** (HxW) — 11.22 x 8.46 in/ 28.5 x 21.5 cm
	Diagonal Size — 14.1 in/35.81 cm
	Number of Colors — Up to 16.8M
	Contrast Ratio — 150:1
	Brightness — Over 120nt min(typical)

Pixel Resolution

Pitch	0.264 x 0.264 mm
Format	1024 x 768
Configuration	RGB stripe
Backlight	Edge Lit
Total Power Consumption	4.2W

QUICKSPECS

Technical Specification

12.1-Inch Color TFT SVGA Display

Dimensions (HxW)	9.7 x 7.24 in/24.6 x 18.4 cm
Diagonal Size	12.1 in/30.7 cm
Mounting	Internal Panel Support
Number of Colors	Up to 16.8M
Contrast Ratio	150:1
Brightness	Over 120nt min(typical)
Pixel Resolution	
Pitch	0.3 x 0.3 mm
Format	800 x 600
Configuration	RGB Stripe
Backlight	Edge Lit
Total Power Consumption	3.5W

12.1-Inch Color HPA SVGA Display

Dimensions (HxW)	9.7 x 7.24 in/24.6 x 18.4 cm
Diagonal Size	12.1 in/30.7 cm
Mounting	Internal Panel Support
Number of Colors	Up to 16.8M
Contrast Ratio	40:1
Brightness	Over 90nt min(typical)
Pixel Resolution	
Pitch	0.3 x 0.3 mm
Format	800 x 600
Configuration	RGB Stripe
Backlight	Edge Lit
Total Power Consumption	3.5W

Hard Drives

4.3 GB	**Capacity**	4.3 GB	**Seek Time** (typical reads, including settling)	
	Height	0.4 in/9.5 mm	Single Track	3 ms
	Width	2.75 in/70 mm	Average	13 ms
	Interface	ATA	Max	25 ms
	Transfer Rate		Rotational Speed	4,200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Logical Configuration**	
			Bytes/sector	512
	Security	SMART& DriveLock	Logical Blocks	8,437,500

6.0 GB	**Capacity**	6.0 GB	**Seek Time** (typical reads, including settling)	
	Height	0.4 in/ 9.5 mm	Single Track	4 ms
	Width	2.75 in/ 70 mm	Average	13 ms
	Interface	ATA	Max	24 ms
	Transfer Rate		Rotational Speed	4200 rpm
	Synchronous (Maximum)	33.3 MB/s	**Logical Configuration**	
			Bytes/sector	512
	Security	SMART& DriveLock	Logical Blocks	~11,732.421

QUICKSPECS

Technical Specifications

Diskette Drive	**Diskette Size**	3.5 in
	Light	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
External AC Adapter	**Dimensions** (HxWxL)	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 (9-cell)	**Dimensions** (HxWxL)	0.84 x 3.8 x 5.6 in/2.1 x 9.5 x 14.2 cm
	Weight	1.0 lb/0.455 kg
	Energy	
	Voltage	10.8 V
	Amp-hour capacity	4.8 Ah
	Watt-hour capacity	52 Wh
	Temperature	
	Operating	50° to95°F/10° to 35°C
	Non-operating	−12° to 140°F/−25° to 60°C
Li-Ion Battery Pack (6-cell)	**Dimensions** (HxWxL)	0.84 x 3.8 x 5.6 in/2.1 x 9.5 x 14.2 cm
	Weight	0.7 lb/0.303 kg
	Energy	
	Voltage	10.8 V
	Amp-hour capacity	3.2 Ah
	Watt-hour capacity	34 Wh
	Temperature	
	Operating	50° to 95°F/10° to 35°C
	Non-operating	−12° to 140°F/−25° to 60°C

QUICKSPECS

Compaq *Armada* V300

Technical Specification

24X Max CD-ROM Drive

Applicable Disc	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
Disc Diameter	12 cm, 8 cm
Disc Thickness	1.2 mm
Track Pitch	1.6 µm
Access Times (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 300 ms
Cache Buffer	128 KB
Data Transfer Rate (typical, including settling)	
Sustained (16X)	2400 KB/s (150 KB/s at 1X)
Variable	1,500 to 3,600 KB/s (10X to 24X)
Normal PIO Mode 4 (single burst)	16.66 MB/s
Start-up Time	< 8 sec
Stop Time	<4 sec

4X Max DVD-ROM Drive

Center Hole Diameter	0.59 in/0.39 cm
Disc Diameter	12 cm/8 cm
Disc Thickness	1.2 mm
Track Pitch	0.74 µm
Access Times (typical reads, including settling)	
Random	<150 ms
Full-Stroke	<225 ms
Cache Buffer	128 KB/s (minimum)
Data Transfer Rate (typical, including settling)	
Sustained (16X CD rate)	2400 KB/s (150 KB/s at 1X CD rate)
Sustained 4X DVD	5,520 KB/s (1380 KB/s at 1X DVD rate)
Normal PIO Mode 4 (single burst)	16.6 MB/s
Start Time	<15 sec
Stop Time	<6 sec

16   DA-10442-01-010 — 08.08.2000

QUICK**S**PECS

Compaq Armada V300

Technical Specifications

**Compaq 56K(V.90) plus
Intel PRO/100+ Mini PCI**

Form Factor	Mini-PCI Type 1B and 2B per Specification
OS Support (with all released Service Packs)	Windows 95 (OSR2.x), Windows 98 (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

QUICKSPECS

Technical Specification

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 100Mbps
	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