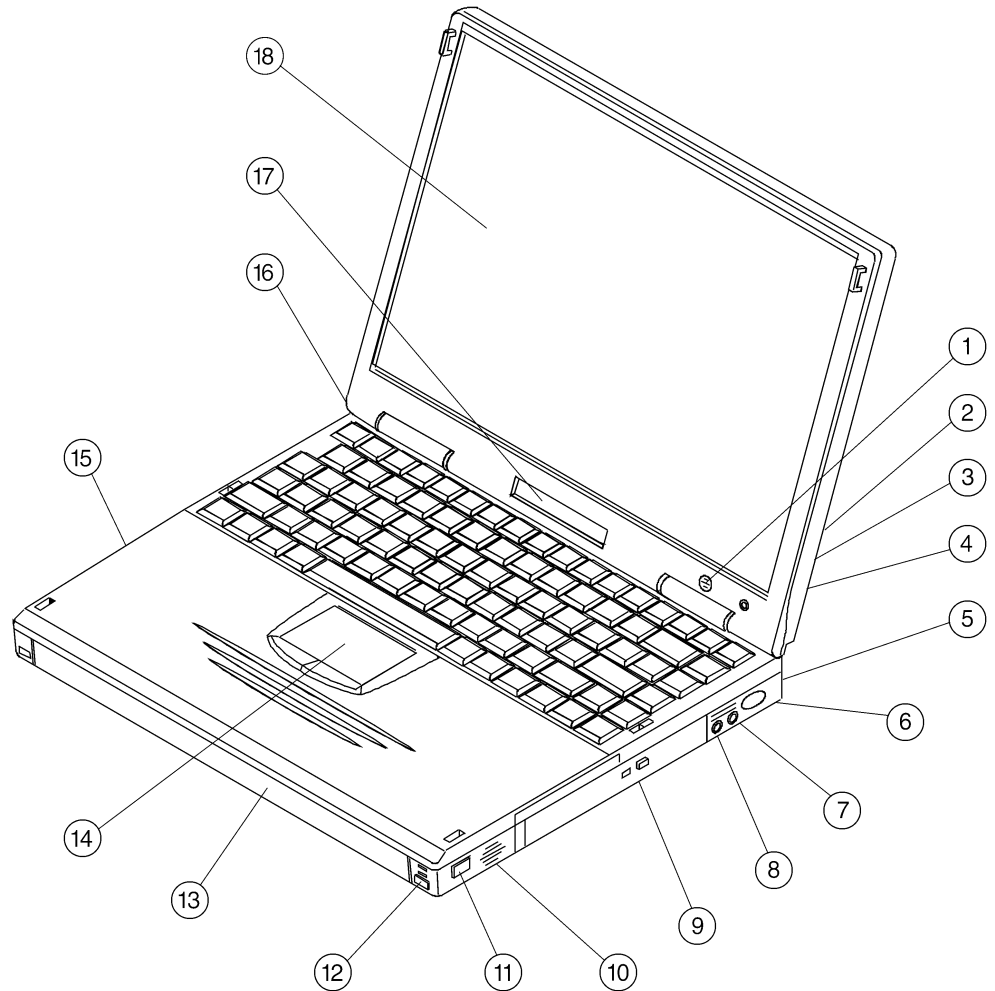


## Overview

### AT A GLANCE

- Intel Mobile Pentium® II processor  
366-MHz, 256K integrated L2 cache
- 64-MB SDRAM  
Expandable to 320 MB
- Large 14.1-inch CTFT display  
(1024 x 768)
- Industry-leading notebook AGP implementation with 133-MHz data transfer rate
- Integrated 56 Kb/s modem, integrated 10/100 Ethernet
- Li-Ion battery provides over 3 hours of battery life<sup>1</sup>
- 6.4 GB<sup>2</sup> Upgradable Hard Drive
- MultiBay design allows user customization with either a 12.7-mm 24X Max<sup>3</sup> CD-ROM Drive, Floppy Drive, DVD-ROM Drive, SuperDisk LS-120 Drive or second Hard Drive.
- 3 spindle support with optional Expansion Unit, support for all preceding drives, plus Iomega Zip Drive
- Operating System: Choice of MS Windows 95, 98 or MS Windows NT Workstation 4.0 (SP3)
- Compaq Services, including a three-year, Worldwide Limited Warranty<sup>4</sup> with second business day<sup>5</sup> expedited pick-up and repair in North America



- |                                |  |
|--------------------------------|--|
| 1. Internal Microphone         | 10. Speakers                               |
| 2. RJ-11 Modem Port            | 11. Lid Release Latches                    |
| 3. RJ-45 Ethernet Network Port | 12. Power LED, Battery Charging LED        |
| 4. USB Port                    | 13. 12-cell Li-Ion Battery                 |
| 5. External Power in           | 14. Touch Pad and Left/Right Mouse Buttons |
| 6. Suspend/Power Button        | 15. PC Card Slots                          |
| 7. Audio out                   | 16. External Keyboard/Mouse Port           |
| 8. Microphone out              | 17. Status Display                         |
| 9. MultiBay                    | 18. 14.1-inch 1024 x 768 TFT Display       |

# QUICK SPECS

Compaq Armada 6500

## Standard Features

### MODELS

#### Windows NT Workstation 4.0 and Integrated Modem/ Ethernet

6300/14T/6.4GB/D/M/3  
359010-006

#### Windows 95 and Integrated Modem

6300/14T/6.4GB/D/M/1  
358970-002

#### Highly Mobile Design

Provides the ultimate performance for the road; designed for the highly mobile user who requires the highest performance

#### MultiBay Design

The MultiBay design allows for user-customization with a CD-ROM Drive or 1.44-MB diskette drive, DVD-ROM Drive option, SuperDisk LS-120 Drive option, or second Hard Drive option. For greater flexibility, MultiBay devices are interchangeable between the system and the optional Mobile 6500 Expansion Unit. In addition, an optional Iomega Zip Drive is available for use in the Mobile 6500 Expansion Unit only.

#### Processor

Intel Mobile Pentium II processor 300 MHz

#### Cache Memory

512-KB L2

#### Memory

Standard	64 MB
Maximum	320 MB

#### Communications

Integrated 56 Kb/s<sup>6</sup> modem for high speed remote access; Integrated 10/100 MB Ethernet for direct LAN connections

#### Keyboard

Full-size Windows 95 Keyboard

#### Pointing Device

Front mount touch pad and left/right buttons

#### PC Card Slots

Two Type II/One Type III PC Card Slot(s), which support both 32-bit CardBus<sup>7</sup> and 16-bit PC Cards; Zoomed Video support in bottom slot only

#### Storage

Diskette Drive	1.44 MB
CD-ROM	24X Max <sup>3</sup> CD-ROM Drive
Hard Drives	Removable 6.4-GB <sup>2</sup> SMART

#### Multimedia

The Mobile 6500 Expansion Unit provides integrated stereo speakers and microphone, hardware and software volume control, headphone out, microphone in jacks, MIDI/joystick port, S-Video and S/P DIF Digital Dolby stereo audio for theater-quality performance, all in a sub-1 inch thick form factor.

## Standard Features

### Interfaces

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PC Card	Two Type II/One Type III
Enhanced Parallel	1
Serial	1
External Monitor	1
External Keyboard/ Pointing Device	1
Convenience Base	1
Headphone out	1
Microphone in	1
AC Power	1
RJ-11/RJ-45	1
Infrared	1 (4 Mb/s <sup>8</sup> support)
USB	1
Support for Third-Party Y- Cables (for external mouse and keyboard)	Yes

### Graphics

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Industry-leading notebook AGP implementation with 133-MHz data transfer rate  
ATI RAGE LT Pro graphics controller  
4-MB SGRAM video memory  
Up to 100 Hz external refresh at 1024 x 768 resolution up to 16M colors

### Display

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14.1-in CTFT 1024 x 768 panel 24-bit true color (up to 16.8M colors)

### Software

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Provided on the Software CD that ships with each unit:  
Microsoft Internet Explorer 4.01  
Puma Intellisync or Fast IR and Remote Synchronization  
Smith Micro Quick Link (Ras/FAX)  
ESS AudioRack 32.

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Windows NT Workstation 4.0 (SP3)  
Microsoft Internet Explorer 4.01  
audio and video drivers pre-installed  
6300/14T/6.4GB/D/M/3

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Windows 95 (OSR2)  
Microsoft Internet Explorer 4.01  
audio and video drivers pre-installed  
6300/14T/6.GB/D/M/1

### OS Support

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Microsoft Windows NT Workstation 4.0  
Microsoft Windows 95

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## Standard Features

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### Security

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Cable lock support  
Power-on and set-up passwords  
Ability to disable serial port  
Parallel port  
PC Card slots  
Diskette drive  
Diskette drive boot sequence  
Infrared port

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### Power Supply

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All systems ship with an external AC Adapter and power cord, weighing just over half-a-pound (0.24 kg).

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### Battery

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Li-Ion Battery Pack provides over three hours of battery life<sup>1</sup>. Function Key and screen indicators provide information on battery charge status.

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### Power Conservation

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Hibernation, Instant-On via Suspend in both MS Windows 95 and MS Windows NT; automatic stand-by mode timer, suspends via software, Suspend Button or lid closure

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### Service and Support

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Compaq Services provides a range of services for the Armada 6500, with 7 x 24 service line at 1-800-OK-COMPAQ (1-800-652-6672) and a three-year, Worldwide Limited Warranty<sup>4</sup> with 2nd business day<sup>5</sup> pick-up and delivery service from Compaq. All shipping and handling materials are supplied and arranged by Compaq.

## Options

### Memory

128-MB SDRAM Memory	358920-B21
64-MB SDRAM Memory	358919-B21
32-MB SDRAM Memory	358918-B21

### Monitors<sup>9</sup>

TFT8000 Flat Panel	307906-001
TFT5000 Flat Panel	325700-001
P1610 Color <sup>10</sup>	305708-001
P1100 Color <sup>10</sup>	325606-001
P900 Color	386326-001
P700 Color	380207-001
P110 Color <sup>10</sup>	325600-001
P75 Color	307806-001
V1100 Color	386472-001
V1000 Color	351757-001
V900 Color	303500-001
V700 Color	325800-001
V500 Color	325900-001
S910 Color	138485-001
S900 Color	360562-001
S710 Color	152991-001
S700 Color	360512-001

### Optical Drive

DVD-ROM Drive	358912-B21
lomega Zip Drive	358917-B21
SuperDisk LS-120 Drive	358911-B21

### Hard Drive

6.4-GB <sup>2</sup> SMART Hard Drive	358914-B21
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### PC Cards/Communications

56K <sup>6</sup> PC Card Modem	295050-001
USB CardBus <sup>7</sup> PC Card	296501-B21
SpeedPaq Cellular PC Card	221202-001
10/100 TX PC Card UTP Controller	335506-B21
10 T PC Card UTP Controller	292806-B21
10 2 PC Card Coax Controller	292807-B21
10/100 TX PC Card UTP Controller Upgrade	292813-B21
100 Base TX Ethernet Upgrade	225435-001
Int'l Modem Adapter	248075-001
Int'l DAA Cables (country specific)	234407-xx3
16/4 TR PC Card IBM UTP/STP Controller	301208-B21

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.

### Expansion/Convenience Bases

Mobile 6500 Expansion Unit (carbon)	358907-B21
Armada 6500 Convenience Base (carbon)	358908-xx1

### Power

Armada 6500 Li-Ion Battery Pack	358910-B21
AC Adapter	358909-xx1

### Input Devices

External Infrared Transceiver	220687-002
External Enhanced III Keyboard (beach gray)	110562-001
External Enhanced III Keyboard (opal)	294343-001
Compaq Mouse (beach gray)	143315-001
Compaq Mouse (opal)	143315-B21

### Other

Security Lock	294316-B21
Portable Video Conferencing Kit	296954-001
Armada Headset with microphone	220460-001
Universal Monitor Stand	294315-B21

### Carrying Cases

CPQ Value Case	294266-B21
CPQ Workstation Case	294267-B21
CPQ Global Case	294268-B21
CPQ Professional Case (Nylon)	401366-B21

For additional Compaq Brand cases, call 1-800-888-5903.

## Memory

### Compaq Armada 6500

#### STANDARD MEMORY

64 MB installed on the System Board (slot available)

Standard	Slot	
	1	2
64 MB	Empty	Empty

#### STANDARD MEMORY PLUS

#### OPTIONAL MEMORY

Support for up to 320 MB of SDRAM memory is available with the installation of optional SDRAM Memory Upgrades (64-MB SDRAM on System Board).

Up To	Slot	
	1	
96 MB	32 MB	Empty
128 MB	64 MB	Empty
160 MB	64 MB	32 MB
192 MB	64 MB	64 MB
192 MB	128 MB	Empty
224 MB	128 MB	32 MB
256 MB	128 MB	64 MB
320 MB	128 MB	128 MB

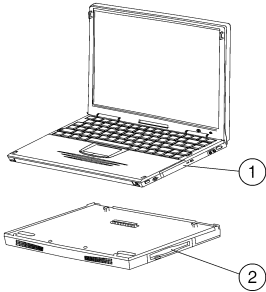
**Note:** This chart does not represent all the memory configurations.

Following are memory options available from Compaq:

- 128-MB SDRAM Memory Upgrade 358920-B21
- 64-MB SDRAM Memory Upgrade 358919-B21
- 32-MB SDRAM Memory Upgrade 358918-B21

## Storage

### DRIVE SUPPORT



- 1 Armada 6500 MultiBay
- 2 Mobile 6500 Expansion Unit MultiBay (Optional)

1.44-MB Diskette Drive ships standard with all units.

24X Max<sup>3</sup> CD-ROM Drive ships standard with Pentium II 300 MHz models.

	Quantity Supported	Drive Bay Supported
<b>Removeable Media</b>		
1.44-MB Diskette Drive	Up to 1	MultiBay in Armada 6500 or Mobile 6500 Expansion Unit
DVD-ROM Drive	Up to 2	MultiBay in Armada 6500 or Mobile 6500 Expansion Unit
24X Max <sup>3</sup> CD-ROM Drive	Up to 1	MultiBay in Armada 6500 or Mobile 6500 Expansion Unit
SuperDisk LS-120	Up to 2	MultiBay in Armada 6500 or Mobile 6500 Expansion Unit
omega Zip Drive	1 only	MultiBay in Mobile 6500 Expansion Unit only
<b>Hard Drives</b>		
6.4-GB <sup>2</sup> SMART Hard Drive	Up to 2	MultiBay in Armada 6500 or Mobile 6500 Expansion Unit

## Technical Specifications

### System Unit

<b>Dimensions (HxWxD)</b>	9.7 x 12 x 1.4 in/3.5 x 30.5 x 24.7 cm
<b>Weight</b>	
CD-ROM configured	6.4 lbs/2.90 kg
FDD configured	6.2 lbs/2.82 kg
Weight Saver configured	5.9 lbs/2.68 kg
With AC Adapter and Cord (total carrying weight)	Plus 0.6 lbs/0.09 kg
<b>Stand-Alone Power Requirements</b>	
Average Operating Power	20W
Peak Operating Power	28W
<b>Power Supply</b>	
Rated Input Voltage	100 to 120/220 to 240 VAC
Rated Input Current	1.2/0.5A
Rated Frequency	50 to 60 Hz
<b>Temperature</b>	
Operating	32° to 95° F/0° to 35°C
Non-operating	-4° to 140° F/-20° to 60°C
<b>Relative Humidity</b>	
Operating	20% to 80% relative humidity, non-condensing, maximum wet bulb 91.4° F/33°C
Non-operating	5% to 95% relative humidity, non-condensing, maximum wet bulb 95° F/35°C
<b>Shock</b>	
Operating	10 G, 11 ms, half-sine
Non-operating	100 G, 11ms, half-sine
<b>Vibration</b>	
Operating	0.25 G, 50 to 500 Hz sine, 1/2 octave/minute sweep
Non-operating	1 G, 50 to 500 Hz sine, 1/2 octave/minute sweep
<b>Maximum Altitude</b>	
Operating	0 to 10,000 ft/3,048 m (14.7 to 10.1 psia)
Non-operating	0 to 40,000 ft/12,192 m (14.7 to 4.4 psia)

### Display LCD

<b>Dimensions</b>	11.8 x 8.94 in/29.85 x 22.7 cm 11.25 x 8.45 in/28.56 x 21.5 cm (dimensions inside the plastic bezel)
<b>Diagonal Size</b>	14.1 in/35.81 cm (diagonal dimension inside the plastic bezel)
<b>Mounting</b>	Side Mounted
<b>Number of Colors</b>	Up to 16.8M with dithering
<b>Contrast Ratio</b>	110:1
<b>Brightness</b>	Up to 120 cd/m <sup>2</sup>
<b>Pixel Resolution</b>	
Pitch	0.28 x 0.28 mm
Format	1024 x 768
Configuration	RGB stripe
<b>Backlight</b>	CCFT (Cold Cathode Fluorescent Tube)
<b>Character Display</b>	80 x 25
<b>Total Power Consumption (maximum)</b>	4.2W

# QUICKSPECS

Compaq Armada 6500

## Technical Specifications

### Hard Drives

<b>6.4 GB<sup>1</sup></b>	<b>Capacity</b>	6.4 GB <sup>1</sup>	<b>Seek Time</b> (typical reads, including settling)	
	<b>Height</b>	1 in/25.4 mm	Single Track	3 ms
	<b>Size</b>	2.5 in/63.5 mm	Average	13 ms (read)
	<b>Interface</b>	ATA	Full-Stroke	23 ms
	<b>Transfer Rate</b>		Rotational Speed	4200 rpm
	Synchronous (Maximum)	33.3 MB	<b>Physical Configuration</b>	
			Bytes/sector	512
			<b>Operating Temperature</b>	41° to 131°F/5° to 55°C

### 1.44 MB Diskette Drive

<b>Diskette Size</b>	3.5 in
<b>Light</b>	On the face of the FDD
<b>Height</b>	0.43 in/11 mm
<b>Bytes per Sector</b>	1,024
<b>Sectors per Track</b>	
High/Low density	10 (2 MB)/18 (1.6 MB)/32 (1 MB)
<b>Tracks per Side</b>	
High density	160 (all models)
<b>Read/Write heads</b>	4
<b>Access Times</b>	
Track-to-Track (high/low)	3 ms/6 ms
Average (high/low)	94 ms/174 ms
Settling Time	15 ms
Latency Average	100 ms

### Li-Ion Battery Pack

<b>Dimensions</b>	0.79 x 2.43 x 11 in/2 x 6.17 x 27.9 cm
<b>Weight</b>	1.25 lbs/.57 kg
<b>Energy</b>	
Voltage	14.4 V
Amp-hour capacity	4,050 mah
Watt-hour capacity	58.2Wh
<b>Performance</b>	
Single battery life	Over 3 hours <sup>1</sup>
<b>Temperature</b>	
Operating	32° to 95°F/0° to 35°C
Non-operating – recommended storage	-4° to 140°F/-20° to 60°C

## Technical Specifications

24 Max<sup>3</sup> CD-ROM  
Drive IDE

<b>Applicable Disc</b>	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, Red-Book, Yellow-Book, ISO9660 and High Sierra (Logical Formats), CD-ROM XA, CD-I BRIDGE (Photo CD, Video CD), CD-I, CD-I READY, CDG and Multi-session (Photo-CD), CD EXTRA, CD-RW, CD-R
<b>Center Hole Diameter</b>	0.59 in/15 mm
<b>Disc Diameter</b>	12 cm, 8 cm
<b>Disc Thickness</b>	1.2 mm
<b>Track Pitch</b>	1.6 µm
<b>Access Times</b> (typical reads, including settling)	
Random	110 ms
Full-Stroke	230 ms
<b>Audio Output Level</b>	
Line Out	1.0 Vrms
<b>Cache Buffer</b>	128 KB
<b>Data Transfer Rates</b>	
Sustained 1X	150 Kb/s
Sustained 24X	3600 Kb/s
Normal PIO Mode 4 (single burst)	16.66 Mb/s
DMA Single Mode 2	8.33 Mb/s
DMA Multi Mode 2	16.66 Mb/s
<b>Start-up Time</b>	< 8 seconds maximum
<b>Stop Time</b>	< 4 seconds

<sup>1</sup> 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 6500 will range up to 3.2 hours. Standard configuration at the time of announcement (9/9/98) is considered to be one battery, a 1024 x 768 x 65K panel set at 50% brightness, 64-MB RAM and no drives other than the hard drive active.

<sup>2</sup> For Hard Drives, GB = Billion Bytes.

<sup>3</sup> Data transfer rates vary from 150 Kb/s to 3600 Kb/s.

<sup>4</sup> 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.

<sup>5</sup> Pick-up and delivery service is available in 48 contiguous US States and Canada. Eligibility for priority pick-up (2nd business day return) is limited to certain geographic locations. Carry-in service available outside the US and Canada.

<sup>6</sup> Designed only to allow faster downloads from K56flex compliant sources. Maximum achievable download transmission rates currently do not reach 56 Kb/s and will vary with line conditions. Modem only works with Windows 9.x and Windows NT.

<sup>7</sup> Full support in Windows 9.x.

<sup>8</sup> IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and applications used.

<sup>9</sup> AssetControl monitor. AssetControl features are accessible with Compaq desktops featuring Intelligent Manageability.

<sup>10</sup> May not be compatible with the ArmadaStation Monitor Support Stand, Convenience Base I or Convenience Base II due to weight limitations.