

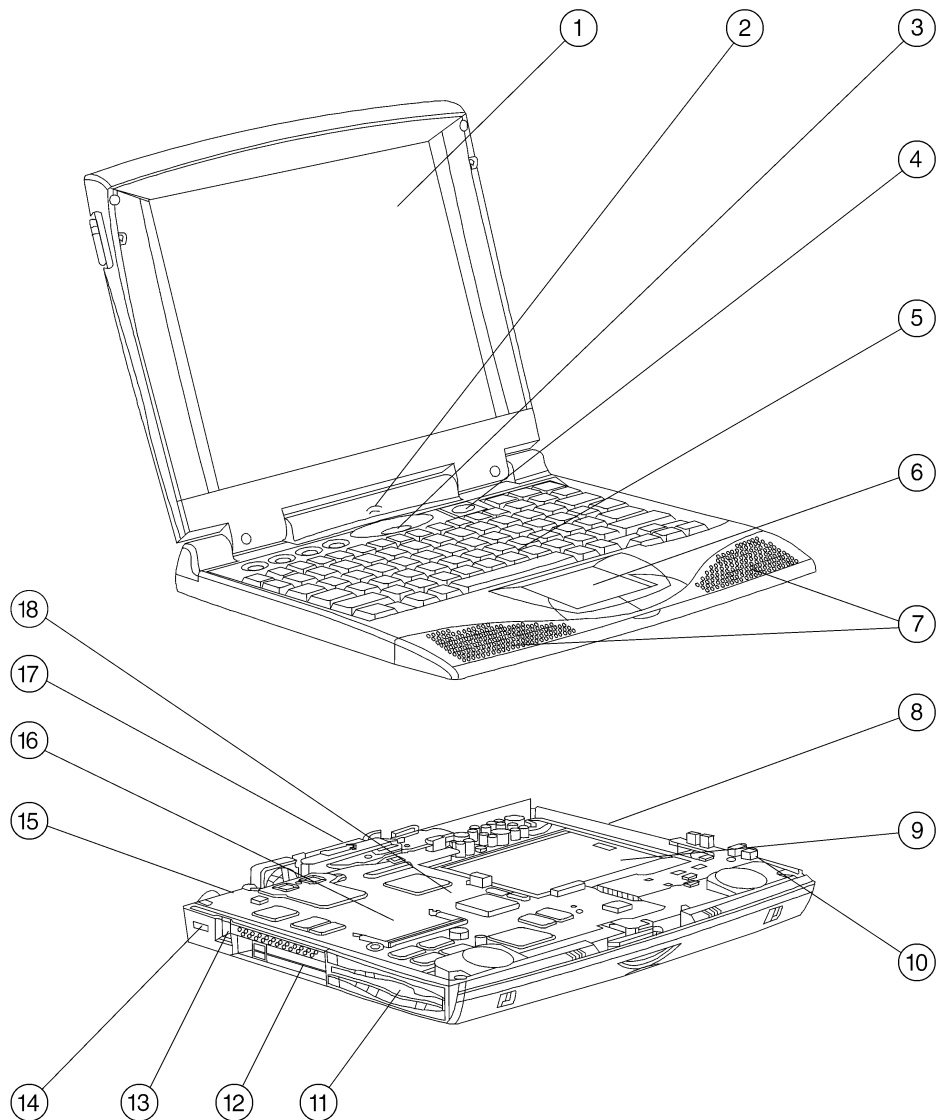
# QUICKSPECS

Compaq Armada 1500c

## Overview

### AT A GLANCE

- All-in-one form factor with three spindle support
- Intel Mobile Celeron™ processor up to 366 MHz
- 128K integrated cache
- 12.1-inch TFT display supporting resolutions up to 800 x 600
- 32-MB standard SDRAM, expandable up to 160 MB
- Dual-function bay supports either diskette drive or additional battery
- 4-GB<sup>1</sup> SMART Upgradable hard drives
- Internal 24X Max<sup>2</sup> CD-ROM Drive
- 56K V.90<sup>3</sup> internal modem
- Touchpad pointing device
- Sound Blaster Pro-compatible with 16-bit stereo Compaq PremierSound™, integrated speakers and microphone Software MPEG1
- Intelligent Manageability for lower total cost of ownership
- Optional Pass-Through or Ethernet Convenience Bases
- Compaq Services, including a one year, Worldwide Limited Warranty<sup>4</sup> with second business day<sup>5</sup> expedited pick-up and repair in North America



1. Display
2. Microphone
3. Stand-by Button
4. Power Switch
5. Full-size Keyboard with Four User-programmable Keys
6. Touchpad Pointing Device
7. Stereo Speakers
8. 24X Max<sup>2</sup> CD-ROM Drive
9. Upgradable SMART Hard Drive
10. NiMH or Li-Ion Battery Pack (model dependent)
11. Dual Bay (supports additional battery or diskette drive)
12. Two Type II/One Type III PC Card Slots; Card Bus-capable<sup>6</sup>
13. 56K V.90<sup>3</sup> Data/14.4 Kb/s Fax Modem
14. DC Power
15. Universal Serial Bus (USB)
16. Memory Slot
17. Convenience Base Connector
18. Processor Board

# QUICK SPECS

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## Standard Features

### MODELS

#### Windows NT Workstation 4.0

C366/12T/4GB/D/M/3

388067-006

C300/12T/4GB/D/M/3

386338-006

#### Windows 95

C366/12T/4GB/D/M/1

388067-002

C300/12T/4GB/D/M/1

386338-002

#### All-in-one Design

Armada 1500c, designed for affordable mainstream computing, includes integrated Diskette Drive, Hard Drive, CD-ROM Drive and modem, providing full functionality in the office or on the road; dual-function bay supports either diskette drive or second battery for additional flexibility.

#### Processor

Intel Mobile Celeron processor 366 MHz

C366/12T/4GB/D/M/3

C366/12T/4GB/D/M/1

Intel Mobile Celeron processor 300 MHz

C300/12T/4GB/D/M/3

C300/12T/4GB/D/M/1

#### Cache Memory

Integrated 128 KB

#### Memory

Standard 32 MB

Maximum 160 MB

#### Communications

Integrated 56K V.90<sup>3</sup> Worldwide Modem

#### Keyboard

101/102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, four user-programmable keys; special feature hotkeys for instant access to power conservation, QuickLock/QuickBlank, toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control, brightness and contrast

#### Pointing Device

Touchpad

#### PC Card Slots

Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus<sup>6</sup> and 16-bit PC Cards; zoomed video support in bottom slot only

#### Storage

Removable Diskette Drive 1.44 MB

CD-ROM 24X Max<sup>2</sup> CD-ROM Drive (optional DVD Kit)

Hard Drives 4-GB<sup>1</sup> SMART

#### Multimedia

Compaq PremierSound for enhanced stereo audio  
Integrated 16-bit Sound Blaster Pro-compatible stereo audio  
Integrated stereo speakers and microphone  
Software/hardware volume control  
Headphone out  
Microphone in jacks  
Software MPEG1 support  
Internal 24X Max<sup>2</sup> CD-ROM Drive

## Standard Features

### Interfaces

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PC Card	Two Type II/OneType III
Enhanced Parallel	1
Serial	1
External Monitor	1
External Keyboard/ Pointing Device	1
Convenience Base	1
Headphone/Line out	1
Microphone	1
AC Power	1
RJ-11	1
USB	1

### Graphics

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64-bit video graphics with 2-MB SDRAM for increased color depth and graphics performance

### Display

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

### Software

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Windows NT Workstation 4.0  
Insight Management Agents  
Intelligent Manageability  
Security 32  
Diagnostics for Windows NT  
Compaq Power Management  
Online Safety and Comfort Guide  
Reference Guide  
Carbon Copy  
C366/12T/4GB/D/M/3  
C300/12T/4GB/D/M/3

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Windows 95  
Insight Management Agents  
Intelligent Manageability  
Security 32  
Diagnostics for Windows 95  
Compaq Power Management  
Online Safety and Comfort Guide  
Reference Guide  
Carbon Copy  
C366/12T/4GB/D/M/1  
C300/12T/4GB/D/M/1

### OS Support

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Windows NT Workstation 4.0  
Windows 98  
Windows 95

## Standard Features

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### Intelligent Manageability

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Lowers total cost of ownership by providing enhanced security, asset management, fault prediction with SMART drives; also provides SMART drive alert, battery fault alert, thermal alert and memory alert for investment and data protection

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### Security

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Cable lock support  
Power-on password  
Setup passwords  
Ability to disable serial port, parallel port, diskette drive, diskette drive boot sequence  
Drive Lock for advanced Data Protection

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### Power Supply

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External AC adapter and power cord

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### Battery

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Li-Ion batteries are standard, providing up to three hours of batter life<sup>7</sup> with one battery; up to six hours when using two batteries.

C366/12T/4GB/D/M/3  
C366/12T/4GB/D/M/1

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NiMH battery standard, providing two to three hours of battery life<sup>7</sup> with one battery; four to six hours when using two batteries.

C300/12T/4GB/D/M/1  
C300/12T/4GB/D/M/3

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### Power Conservation

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Hibernation, Instant-On via Standby; pop-ups with three presets and one custom level of power conservation

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### Service and Support

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Compaq Services provides a range of services for the Armada 1500c, including a one-year, Limited Warranty<sup>4</sup>, with 7 x 24 service line at 1-800-OK-Compaq (1-800-652-6672) and a free one-year, second business day<sup>5</sup> pick-up and delivery service from Compaq. All shipping and handling materials are supplied by Compaq.

## Options

### Memory

128-MB Memory Upgrade	315177-B21
64-MB Memory Upgrade	314891-B21
32-MB Memory Upgrade	314890-B21

### Monitors<sup>8</sup>

TFT8000 Flat Panel	307906-001
TFT5000 Flat Panel	325700-001
P110 Color <sup>9</sup>	325600-001
P75 Color	307806-001
V1000 Color <sup>9</sup>	351757-001
V900 Color <sup>9</sup>	303500-001
V700 Color (opal)	325800-001
V75 Color (carbon)	307710-002
V500 Color	325900-001
S900 Color <sup>9</sup>	360562-001
S700 Color	360512-001

### Optical Drive

DVD-ROM Drive	401885-B21
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### Hard Drive

6.4-GB <sup>1</sup> SMART Hard Drive	310313-B21
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### PC Cards/Communications

Compaq Microcom 420 56K <sup>3</sup> Global Fax Modem PC Card	317900-001
Compaq Microcom 550 Combo PC Card	321550-001
10/100 TX PC Card UTP Controller	335506-B21
10 T PC Card UTP Controller	292806-B21
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>.

### Convenience Bases

Convenience Base II (Ethernet)	316239-001
Convenience Base II (Pass-Through)	316238-001

### Power

Li-Ion Battery	254936-B21
NiMH Battery	254935-B21
External Battery Charger	254938-B21
Auto/Aircraft Adapter	296537-B21
AC Power Cord (10-ft)	217932-002
AC Adapter	401883-B21

### Input Devices

External Enhanced III Keyboard (opal)	294343-001
External Enhanced III Keyboard (carbon)	118003-008
Compaq Mouse (opal)	143315-B21
Compaq Mouse (carbon)	103180-B21

### Other

Security Lock	294316-B21
Portable Video Conferencing Kit	296954-001
Armada Headset with microphone	220460-001
Universal Monitor Stand	294315-B21
Margi DVD To Go Playback PC Card	202861-B21

### 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

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

## Memory

### Compaq Armada 1500c

#### STANDARD MEMORY

32 MB installed on the System Board (1 slot available)

Standard	Slot
32 MB	1 Empty

#### STANDARD MEMORY PLUS

#### OPTIONAL MEMORY

Support for up to 160 MB of 60ns SDRAM is available with the installation of an optional Memory Upgrade.

Up To	Slot
64 MB	1 32 MB
96 MB	64 MB
160 MB	128 MB

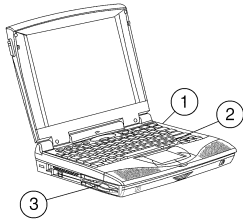
Following are memory options available from Compaq:

- 128-MB Memory Upgrade 315177-B21
- 64-MB Memory Upgrade 314891-B21
- 32-MB Memory Upgrade 314890-B21

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## Storage



- 1 CD-ROM Drive Bay
- 2 Upgradable Hard Drive (Internal)
- 3 Dual Bay

### DRIVE SUPPORT

	Quantity Supported	Drive Bay Supported
<b>Removable Media</b>		
1.44-MB Diskette Drive	Up to 1	Dual Bay
24X Max <sup>2</sup> CD-ROM Drive (optional DVD Kit)	Up to 1	CD-ROM Drive Bay
<b>Hard Drives</b>		
4-GB <sup>1</sup> SMART Hard Drive	Up to 1	Upgradable Hard Drive
6.4-GB <sup>1</sup> SMART Hard Drive	Up to 1	Upgradable Hard Drive

## Technical Specifications

### System Unit

<b>Dimensions (HxWxD)</b>	2.1 x 12.2 x 9.6 in/5.38 x 31.1 x 24.5 cm
<b>Weight</b>	
C366/12T/4GB/D/M/3	7.33 lbs/3.33 kg
C366/12T/4GB/D/M/1	7.33 lbs/3.33 kg
C300/12T/4GB/D/M/3	7.33 lbs/3.33 kg
C300/12T/4GB/D/M/1	7.33 lbs/3.33 kg
<b>Stand-Alone Power Requirements</b>	
Nominal Operating Voltage (Li-Ion)	14.2 VDC
Nominal Operating Voltage (NiMH)	9.6
Maximum Operating Power	35W
Peak Operating Power	40W
<b>Temperature</b>	
Operating	50° to 95°F/10° to 35°C
Non-operating	-4° to 140°F/-20° to 60°C
<b>Relative Humidity (non-condensing)</b>	
Operating	10% to 90%
Non-operating	5% to 95%
<b>Shock</b>	
Operating	10 G, 11 ms, half-sine
Non-operating	60 G, 11 ms, half-sine
<b>Vibration</b>	
Operating	0.25 G, 1 Oct/Min sweep rate
Non-operating	1 G, 1 Oct/Min sweep rate
<b>Maximum Altitude (unpressurized)</b>	
Operating	10,000 ft/3.05 km
Non-operating	30,000 ft/9.14 km

## Technical Specifications

### 12.1-Inch Color TFT 800 x 600 Display

<b>Dimensions (HxW)</b>	7.24 x 9.7 in/18.4 x 24.6 cm
<b>Diagonal Size</b>	12.1 in/30.7 cm
<b>Mounting</b>	Internal
<b>Number of Colors</b>	16M
<b>Contrast Ratio</b>	100:1
<b>Brightness</b>	Over 120 cd/m <sup>2</sup> (typical)
<b>Pixel Resolution</b>	
Pitch	0.3 x 0.3 mm
Format	800 x 600
Configuration	RGB Stripe
<b>Backlight</b>	Edge Lit
<b>Character Display</b>	80 x 25, 80 x 50
<b>Total Power Consumption (with backlight)</b>	6W (max)

### Hard Drives

<b>4 GB<sup>1</sup></b>	<b>Capacity</b>	4 GB <sup>1</sup>	<b>Seek Time (typical reads, including settling)</b>	
	<b>Height</b>	1 in/25.4 mm	Single Track	4 ms
	<b>Width</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	4,009 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

### Diskette Drive

<b>Diskette Size</b>	3.5 in
<b>Light</b>	None
<b>Height</b>	0.82 in/2.08 cm
<b>Bytes per Sector</b>	512
<b>Sectors per track</b>	
High density	18 (1.44 MB)/15 (1.2 MB)
Low density	9
<b>Tracks per side</b>	
High density	80 (1.44 MB)/80 (1.2 MB)
Low density	80
<b>Read/Write heads</b>	2
<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

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## Technical Specifications

### External AC Adapter

<b>Weight</b>	0.66 lb/0.3 kg
<b>Power Supply (Input)</b>	
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

### NiMH Battery Pack

<b>Dimensions (HxWxL)</b>	0.82 x 3.2 x 5.8 in/2.08 x 8.13 x 14.73 cm
<b>Weight</b>	0.85 lb/0.39 kg
<b>Energy</b>	
Voltage	14.4V
Amp-hour capacity	2.8 Ah
Watt-hour capacity	40Wh
<b>Temperature</b>	
Operating	50° to 104°F/10° to 40°C
Non-operating	-12° to 140°F/-25° to 60°C

### Convenience Base

<b>Dimensions (HxWxD)</b>	4.9 x 14.2 x 14.7 in/12.46 x 36.07 x 37.34 cm
<b>Weight</b>	4.25 lbs/1.93 kg
<b>Power Supply (Input)</b>	
Operating Voltage	100 to 240 VAC
Operating Current	1.1 Amp Maximum
Rated Voltage	100 to 240 VAC
Rated Current	1 Amp Maximum
Line Frequency	47 to 63 Hz
<b>Temperature</b>	
Operating	50° to 95°F/10° to 35°C
Non-operating	-4° to 140°F/20° to 60°C
<b>Relative Humidity</b>	
Operating	10% to 90%
Non-operating	5% to 95%
<b>Altitude</b>	
Operating	10,000 ft/3.05 km
Non-operating	30,000 ft/9.14 km
<b>Shock</b>	
Operating	10 G, 11 ms, half-sine
Non-operating	140 G, 2 ms, half-sine
<b>Vibration</b>	
Operating	0.25 G, 5 to 500 Hz, 0.5 octave/min sweep rate
Non-operating	1 G, 5 to 500 Hz, 0.5 octave/min sweep rate
<b>Monitor Support</b>	Up to 55 lbs/24.95 kg

## Technical Specifications

### 24X Max<sup>2</sup> CD-ROM Drive

<b>Applicable Disc</b>	CD-DA, CD-ROM, CD-ROM XA (except ADPCM), CD-1, Photo CD (Multi-session), Video CD, CD-Extra (CD+), CD-G
<b>Center Hole Diameter</b>	15 mm
<b>Disc Diameter</b>	12 cm, 8 cm
<b>Disc Thickness</b>	1.2 mm
<b>Track Pitch</b>	1.6 $\mu$ m
<b>Laser</b>	
Output power	0.24 $\pm$ 0.1 mW
Type	GaAlAs double hetero laser diode
Wave length	770 to 795 nm at Ph-2.7 mW
<b>Access Times</b> (typical reads, including settling)	150 ms
<b>Audio Output Level</b>	
Line out	0.8 to 1.2 Vrms
Headphone	None
<b>Cache Buffer</b>	128 KB
<b>Data Transfer Rate</b>	
Sustained	150 KB/s (sustained 1X)
Variable	1500 to 3500 KB/s (10X to 24X)
<b>Start-up Time</b>	< 8 sec

<sup>1</sup> For Hard Drives, GB = Billion Bytes.

<sup>2</sup> Data transfer rates will vary from 150 KB/s to 3600 KB/s.

<sup>3</sup> Designed only to allow faster downloads from 56K 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.

<sup>4</sup> Certain restrictions and exclusions apply. Service and support programs vary by geographic regions. Consult the Compaq Customer Support Center for details.

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

<sup>6</sup> Full support in Windows 9.x.

<sup>7</sup> When tested in the standard configuration using the Ziff-Davis BatteryMark test version 1.0, the battery life of the Armada 1500 family will range from 2 hours and 0 minutes to 3 hours and 0 minutes depending on individual usage. (Standard Configuration C300, 12.1 CTFT, 32 MB)

<sup>8</sup> AssetControl monitor. AssetControl features are accessible with Compaq desktops featuring Intelligent Manageability.

<sup>9</sup> May not be compatible with the ArmadaStation Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.