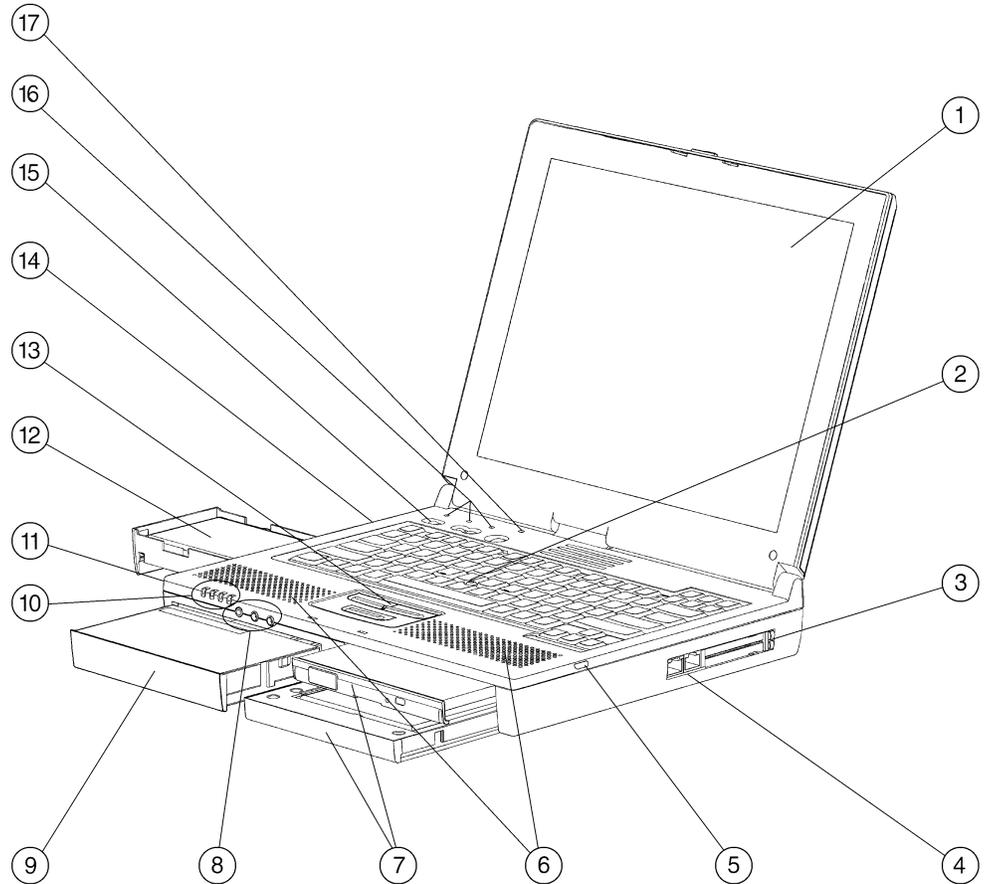


## Overview

### AT A GLANCE

- Intel Mobile Pentium® III processor  
500 MHz
- Intel Mobile Pentium II processor  
400 MHz
- 128-MB SDRAM/576-MB Max
- 14- or 18-GB SMART Hard Drive
- 14.1-in or 15-in TFT 1024 x 768 display
- AGP 2X (Accelerated Graphics Port) Implementation
  - 8-MB Video SDRAM
  - 66-MHz graphics bus
- Tri-view display support (TV-out NTSC & PAL)
- Choice of Windows 95 or NT 4.0  
Windows 95/98 Dual Install
- Integrated Mini PCI modem or modem/NIC combo
- Full-size keyboard
- User removable hard drive
- Dual-stacked MultiBay providing integrated 3 spindle support
- Dual battery support
- Integrated stereo-speakers
- Industry-leading Compaq PC Lifecycle Solutions
- Protected by a three-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 or 15-in Color TFT Display   | 9. 8-cell Battery   |
| 2. EasyPoint IV™ Pointing Stick   | 10. Battery light, Power/Suspend light, HDD light, MultiBay light |
| 3. PC Card Slots (2)  | 11. Integrated Microphone (on left-side)                          |
| 4. RJ-11/RJ-45 Jacks  | 12. Primary HDD   |
| 5. Acoustic Ports (2)   | 13. Left, Right, and Scroll Pointing-Stick Buttons                |
| 6. Stereo Speakers (2)  | 14. S-Video Port (on left-side)                                   |
| 7. Dual-stacked MultiBay (hold: 12.7 mm diskette drive, CD-ROM, SuperDisk LS-120, second battery, or MultiBay HDD; Also can hold: one 12-cell battery, or one 17 mm HDD (w/HDD adapter) | 15. Power, Volume (2), Suspend Buttons                            |
| 8. Microphone jack, Stereo Speaker/Headphone jack, Stereo Line-in jack  | 16. Num Lock, Scroll Lock, Caps Lock lights                       |
|   | 17. Lid Switch  |

# QUICK SPECS

Compaq Armada E700

## Standard Features

### MODELS

**Armada E700**  
Available in multiple configurations

#### Processor – One of the following:

Intel Pentium III processor 500 MHz  
Intel Pentium II processor 400 MHz

#### Cache Memory

Integrated 256-KB L2

#### Memory

Standard 128 MB SDRAM  
Maximum 576 MB SDRAM

#### Communications

Integrated industry-standard Mini-PCI 56K v.90, 56/33.6/14/4 Kb/s controllerless modem, with protection from power surges and digital phone lines

**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

101-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, battery charge status, brightness, mute and toggle between internal, external or simultaneous displays

#### Pointing Device

Keyboard-integrated, textured, EasyPoint IV with 3 button support for easy selection, scrolling and magnification

#### PC Card Slots

Two Type II/One Type III PC Card Slot(s) support both 32-bit CardBus (Full support in Windows 9.x) and 16-bit PC Cards; Zoomed Video support in both slots.

#### Storage

Diskette Drives 1.44 MB  
Optical Drives DVD-ROM Drive  
Hard Drives One of the following:  
18-GB SMART  
14-GB SMART

#### Multimedia

Integrated PCI audio controller based on ESS Maestro-3E with ES1920 AC'97 Rev 2.0 codec and selectable 2-MB/4-MB wavetable with WDM drivers for Win 98. Compaq Premier•Sound™ for enhanced stereo audio (16-bit Sound Blaster Pro compatible), integrated stereo speakers and microphone, software volume control, stereo line-in, headphone out, microphone in jacks, standard CD-ROM Drive or DVD-ROM Drive and software MPEG1. Software MPEG2 is available.

## Standard Features

### Interfaces

PC Card	Two Type II/One Type III Slot(s)
Enhanced Parallel	1
Serial	1
External Monitor	1
External Keyboard/ Pointing Device	1
Convenience Base	1
Headphone/Line-out	1
Microphone in	1
AC Power	1
DC Power	1
RJ-45	1
RJ-11	1
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

### Graphics

AGP 2X implementation with dedicated 66-MHz AGP graphics bus. ATI Mobility-P™ graphics controller with 8 MB of 125-MHz SDRAM. Up to 100 Hz external refresh at SVGA resolution up to 16.8M colors. Supports Tri-view display with TV-out, with 2 different images on 2 different displays at different refresh rates. NTSC & PAL TV-out support via optional dongle up to 1024 x 768 resolution

### Display – One of the following:

- 15-inch color TFT with 1024 x 768 resolution (up to 16.8M colors)
- 14.1-inch color TFT with 1024 x 768 resolution (up to 16.8M colors)

### Operating System – One of the following:

Windows NT Workstation 4.0

(Customers who purchased units preinstalled with Windows NT Workstation 4.0 are eligible to participate in a program providing a free upgrade to Windows 2000 at time of Microsoft announcement. Please review the "Read This First" card in product box or refer to [www.compaq.com/microsoft/windows2000](http://www.compaq.com/microsoft/windows2000) for the order form and additional information. Please note this website is available in English only.)

Windows 98/95 (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.)

Windows 95

### Software

Compaq Intelligent Manageability  
Security 32  
Diagnostics for Windows NT or 9.x  
Compaq Power Management  
Online Safety and Comfort Guide  
Reference Guide  
Carbon Copy

### Intelligent Manageability

Lowers cost of ownership by providing enhanced security, asset management and fault prediction. Also provides system alerts such as SMART Drive alert, battery fault alert, thermal alert, and memory alert for investment and data protection

## Standard Features

### Security

- Cable lock support
- Power-on and setup passwords
- QuickLock/QuickBlank
- Ability to disable serial port, parallel port, PC Card slots, diskette drive, diskette drive boot sequence, infrared port
- Memory door security screw (tool included)
- DriveLock Security for advanced data protection
- Password protection resides on the drive

### Power Supply

Integrated AC Adapter for less bulky transportation; 8-foot power cord included

### Battery

Li-Ion Battery Pack provides over 3.0 hours of battery life; an optional 6-cell or 9-cell battery can be supported in the MultiBay for increased battery life of 5 or 7.5 hours respectively. Battery QuickCheck button on battery pack provides instant visual indication of charge status.

**Note:** Actual results may vary with individual usage. When tested in standard configuration, using the Ziff-Davis BatteryMark Test v3.0, the battery life of the Armada E700 PII, 400MHz, Win98 model using the 8-cell battery will range up to 3.2 hours. Standard configuration at time of announcement (3/6/00) is considered to be one battery, a 1024 x 768 (64K colors) 14.1-in panel set at 50 % brightness, 64-MB RAM and no drives other than the hard drive active.

### Power Conservation

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

### Service and Support

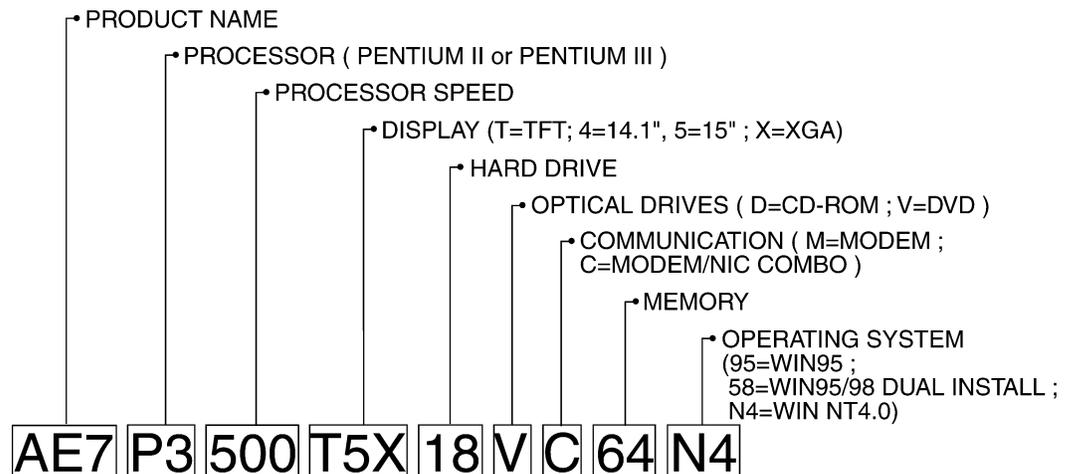
Compaq Services provides a range of services for the Armada E700, with 7 x 24 service line at 1-800-OK-COMPAQ (1-800-652-6672) and a three-year, Worldwide Limited Warranty with second business day pick-up and delivery service from Compaq. All shipping and handling materials are supplied and arranged by Compaq.

**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.

**Note:** 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 services available outside the US and Canada.

### Naming Convention

Etymology of a Model Name:



# QUICK SPECS

Compaq Armada E700

## Standard Features

### Models

AE7 P3500T5X18VC128N4  
140146-001

<b>Display</b>	15-inch color TFT	<b>Optical Drive</b>	DVD-ROM Drive
<b>Processor</b>	Intel Pentium III 500-MHz	<b>Hard Drive</b>	18-GB SMART
<b>Cache Memory</b>	256-KB integrated L2	<b>Modem</b>	Mini-PCI v.90 modem / 10/100 TX NIC Combo
<b>Memory</b>		<b>Graphics</b>	ATI Mobility-P™ graphics controller
Standard	128 MB	<b>Audio</b>	Compaq Premier•Sound™
Maximum	576 MB	<b>Software</b>	Windows NT 4.0

AE7 P3500T5X18VC12858  
140262-001

<b>Display</b>	15-inch color TFT	<b>Optical Drive</b>	DVD-ROM Drive
<b>Processor</b>	Intel Pentium III 500-MHz	<b>Hard Drive</b>	18-GB SMART
<b>Cache Memory</b>	256-KB integrated L2	<b>Modem</b>	Mini-PCI v.90 modem / 10/100 TX NIC Combo
<b>Memory</b>		<b>Graphics</b>	ATI Mobility-P™ graphics controller
Standard	128 MB	<b>Audio</b>	Compaq Premier•Sound™
Maximum	576 MB	<b>Software</b>	Windows 98/95 (Dual Install)

AE7 P2400T4X14VM128N4  
113364-001

<b>Display</b>	14.1-inch color TFT	<b>Optical Drive</b>	DVD-ROM Drive
<b>Processor</b>	Intel Pentium II 400-MHz	<b>Hard Drive</b>	14-GB SMART
<b>Cache Memory</b>	256-KB integrated L2	<b>Modem</b>	Mini-PCI v.90 modem
<b>Memory</b>		<b>Graphics</b>	ATI Mobility-P™ graphics controller
Standard	128 MB	<b>Audio</b>	Compaq Premier•Sound™
Maximum	576 MB	<b>Software</b>	Windows NT 4.0

AE7 P2400T4X14VM12895  
113367-001

<b>Display</b>	14.1-inch color TFT	<b>Optical Drive</b>	DVD-ROM Drive
<b>Processor</b>	Intel Pentium II 400-MHz	<b>Hard Drive</b>	14-GB SMART
<b>Cache Memory</b>	256-KB integrated L2	<b>Modem</b>	Mini-PCI v.90 modem
<b>Memory</b>		<b>Graphics</b>	ATI Mobility-P™ graphics controller
Standard	128 MB	<b>Audio</b>	Compaq Premier•Sound™
Maximum	576 MB	<b>Software</b>	Windows 95

AE7 P2400T4X14VO12898  
152361-001

<b>Display</b>	14.1-inch color TFT	<b>Optical Drive</b>	DVD-ROM Drive
<b>Processor</b>	Intel Pentium II 400-MHz	<b>Hard Drive</b>	14-GB SMART
<b>Cache Memory</b>	256-KB integrated L2	<b>Modem</b>	None
<b>Memory</b>		<b>Graphics</b>	ATI Mobility-P™ graphics controller
Standard	128 MB	<b>Audio</b>	Compaq Premier•Sound™
Maximum	576 MB	<b>Software</b>	Windows 98

## Options

### Memory

256-MB Memory Upgrade	161554-B21
128-MB Memory Upgrade	400313-B21
64-MB Memory Upgrade	400312-B21

### Monitors

TFT8020 Flat Panel (carbon)	159244-001
TFT5010 Flat Panel (opal)	104741-001
TFT5010 Flat Panel (carbon)	154486-001
P1100 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	325606-001
P900 Color	386326-001
P700 Color	380207-001
V1100 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	386472-001
V500 Color	325900-001
S900 Color (May not be compatible with the Armada Station Monitor Support Stand, the Convenience Base I, or the Convenience Base II due to weight limitations.)	360562-001
S710 Color	152991-001

### Storage Devices

25-GB Hard Drive and MultiBay Adapter	155759-B25
14-GB Hard Drive and MultiBay Adapter	354231-B25
MultiBay 18-GB Hard Drive	164614-B25
MultiBay 12-GB Hard Drive	163531-B25
MultiBay 6-GB Hard Drive	173395-B25

### PC Cards/Communications

56K PC Card Modem (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.)	295050-001
USB CardBus Card (Full support in Windows 9.x.)	296501-B21
SpeedPaq Cellular PC Card + SpeedPaq 336 Telephony modem	221200-001
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
100BaseTX Ethernet Upgrade	225435-001
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.

### Multimedia

DVD-to-GO	202861-B21
-----------	------------

## Options

### Expansion Bases

ArmadaStation EM With Intel NIC	120266-001
ArmadaStation EM Tower Stand (Carbon)	123129-B25
Convenience Base EM	382500-001
Convenience Base EM With Intel NIC	120971-001
Convenience Base Monitor Stand	122931-B21
Port Replicator EM	382300-001
PCI IBM Token Ring Card	133749-B21
PCI Cardbus Reader (For ArmadaStation EM and Convenience Base EM)	127397-B25

### Power

Primary Battery (8-Cell)	109095-B21
MultiBay Battery (6-Cell)	387937-B25
Dual MultiBay Battery (12-Cell)	109094-B21
External Battery Charger	135555-001
External Battery Charger (carbon)	220461-001
Auto Adapter	401043-B25
Air Adapter	386504-B21
AC Power Cord (10-ft)	217932-002

### Input Devices

External Enhanced III Keyboard (beach gray)	110562-001
External Enhanced III Keyboard (opal)	294343-001
External Enhanced III Keyboard (carbon)	118003-008
External Infrared Transceiver	220687-002
Compaq Mouse (beach gray)	143315-001
Compaq Mouse (opal)	143315-B21
Compaq Mouse (carbon)	103180-001/B21

### Useful Accessories

Security Lock	294316-B21
Armada Headset with microphone	220460-001
Universal Monitor Stand	294315-B21
MP1600 Microportable Projector	386202-001

### 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

**Note:** For additional Compaq Brand cases, refer to [www.compaq.com/products/portables](http://www.compaq.com/products/portables). Please note this website is available in English only.

### MultiMedia Devices

MultiBay 4X DVD-ROM Drive	118103-B25
MultiBay 24X Max CD-ROM Drive (Data transfer rates will vary from 150 KB/s to 3600 KB/s.)	298452-B25
MultiBay SuperDisk LS-120 Drive	296502-B25

## Memory

### Compaq Armada E700

#### STANDARD MEMORY

128 MB installed – 64-MB SDRAM installed on the System Board and 64 MB installed in 1 slot (1 slot available)

Standard	Slot 1	Slot 2
128 MB	64 MB	Empty

#### STANDARD MEMORY PLUS

#### OPTIONAL MEMORY

Support for up to 384 MB of SDRAM is available with the installation of an optional Memory Upgrade.

Up To	Slot 1	Slot 2
160 MB	64 MB	32 MB
192 MB	64 MB	64 MB
256 MB	64 MB	128 MB
384 MB	64 MB	256 MB

#### STANDARD MEMORY REPLACED

#### WITH OPTIONAL MEMORY

Support for up to 576 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 in addition to the 64-MB SDRAM on the System Board.

Up To	Slot 1	Slot 2
320 MB	128 MB	128 MB
448 MB	128 MB	256 MB
576 MB	128 MB	256 MB

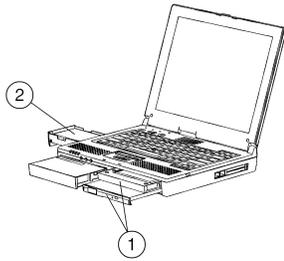
**Note:** Because one memory slot is occupied in these products, the 64 MB SDRAM Memory Upgrade (which ships standard) must be removed to reach the maximum memory of 576 MB. This chart does not represent all possible memory configurations.

Following are memory options available from Compaq:

- 256-MB Memory Upgrade 161554-B21
- 128-MB Memory Upgrade 400313-B21
- 64-MB Memory Upgrade 400312-B21

## Storage

### DRIVE SUPPORT



- 1 MultiBay
- 2 Dedicated hard drive bay

	Quantity Supported	Drive Bay Supported
<b>Removable Media</b>		
1.44-MB Diskette Drive	1	MultiBay (Bottom Bay Only)
24X Max CD-ROM Drive	1	MultiBay
4X DVD-ROM	1	MultiBay
SuperDisk LS-120	1	MultiBay
<b>Hard Drives</b>		
18-GB SMART Hard Drive	1, 2	Dedicated hard drive bay and MultiBay
12-GB SMART Hard Drive	1, 2	Dedicated hard drive bay and MultiBay
6-GB SMART Hard Drive	1, 2	Dedicated hard drive bay and MultiBay

## Technical Specification

### System Unit

<b>Dimensions</b> (HxWxD)	2 x 12.6 x 10.2 in/5.08 x 32 x 25.9 cm
<b>Weight</b> (with modem installed)	
DVD-ROM/FDD configured (15-in)	
Without Power Cord	8.8 lbs/4 kg
With Power Cord (total carrying weight)	9.2 lbs/4.2 kg
DVD-ROM/Weight Saver configured (15-in)	
Without Power Cord	8.4 lbs/3.8 kg
With Power Cord (total carrying weight)	8.8 lbs/4 kg
12-cell Battery configured (15-in)	
Without Power Cord	9 lbs/4.1 kg
With Power Cord (total carrying weight)	9.4 lbs/4.3 kg
<b>Stand-Alone Power Requirements</b>	
Average Operating Power	15W
Peak Operating Power	30W
<b>Power Supply</b>	
Rated Input Voltage	100 to 120/220 to 240 VAC
Rated Input Current	1.2/0.6A
Rated Frequency	50 to 60 Hz
<b>Temperature</b>	
Operating	5° to 104°F/10° to 40°C
Non-operating	-4° to 140°F/-20° to 60°C
<b>Relative Humidity</b> (non-condensing)	
Operating	10% to 90% relative humidity, non-condensing
Non-operating	5% to 95% relative humidity, 101.6°F/38.7°C Maximum webulb temperature
<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, 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> (unpressurized)	
Operating	10,000 ft/3,048 m (14.7 to 10.1 psia)
Non-operating	30,000 ft/9,144 m (14.7 to 4.4 psia)

## *Technical Specifications*

### 15-Inch Color TFT XGA Display

<b>Dimensions (HxW)</b>	8.98 x 11.97 in/22.81 x 30.41 cm
<b>Diagonal Size</b>	15 in/38.1 cm
<b>Mounting</b>	Internal Panel Supports
<b>Number of Colors</b>	Up to 16.8M with dithering
<b>Contrast Ratio</b>	150:1
<b>Brightness</b>	150 cd/m <sup>2</sup>
<b>Pixel Resolution</b>	
Pitch	0.297 x 0.297 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</b>	4.5W

---

### 14.1-Inch Color TFT XGA Display

<b>Dimensions (HxW)</b>	8.5 x 11.27 in/21.59 x 28.63 cm
<b>Diagonal Size</b>	14.1 in/35.81 cm
<b>Mounting</b>	Internal Panel Supports
<b>Number of Colors</b>	Up to 16.8M with dithering
<b>Contrast Ratio</b>	150:1
<b>Brightness</b>	150 cd/m <sup>2</sup>
<b>Pixel Resolution</b>	
Pitch	0.279 x 0.279 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</b>	4.5W

---

# QUICKSPECS

Compaq Armada E700

## Technical Specification

### Hard Drives

<b>18 GB</b>	<b>Capacity</b>	18 GB	<b>Seek Time (typical reads, including settling)</b>	
	<b>Height</b>	12.7 mm	Single Track	2.5 ms
	<b>Width</b>	2.5 in (2.75 in/69.85 mm actual)	Average	12 ms
	<b>Interface</b>	ATA-4	Full-Stroke	23 ms
	<b>Transfer Rate</b>		Rotational Speed	5400 rpm
	Synchronous		<b>Physical Configuration</b>	
	(Maximum DMA)	33.3 MB/s Mode 2	Bytes/sector	512
	(Maximum UDMA)	66.6 MB/s Mode 4	<b>Operating Temperature</b>	41° to 131°F/5° to 55°C

<b>14 GB</b>	<b>Capacity</b>	14.1 GB	<b>Seek Time (typical reads, including settling)</b>	
	<b>Height</b>	17 mm	Single Track	4 ms
	<b>Width</b>	2.5 in (2.75/69.85 mm actual)	Average	12 ms
	<b>Interface</b>	ATA-4	Full-Stroke	23 ms
	<b>Transfer Rate</b>		Rotational Speed	4900 rpm
	Synchronous		<b>Physical Configuration</b>	
	(Maximum DMA)	33.3 MB/s Mode 2	Bytes/sector	512
	(Maximum UDMA)	66.6 MB/s Mode2	<b>Operating Temperature</b>	41° to 131°F/5° to 55°C

### Diskette Drive

<b>Diskette Size</b>	3.5 in
<b>Light</b>	On system
<b>Height</b>	0.5 in/12.7 mm
<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

## Technical Specifications

### Li-Ion Battery Pack

<b>Dimensions</b> (HxWxL)	0.92 x 3.46 x 5.44 in/2.34 x 8.8 x 13.82 cm
<b>Weight</b>	0.89 lb/0.4 kg
<b>Energy</b> (Primary 8-cell Battery)	
Voltage	14.4 V
Amp-hour capacity	3.2 Ah
Watt-hour capacity	46Wh (w/calibration)
<b>Energy</b> (Optional 12-cell Battery)	
Voltage	14.4 V
Amp-hour capacity	4.9 Ah
Watt-hour capacity	69Wh (w/calibration)
<b>Energy</b> (Optional 6-cell Battery)	
Voltage	10.8 V
Amp-hour capacity	2.8 Ah
Watt-hour capacity	30Wh (w/calibration)
<b>Performance</b>	
Single primary battery life	3.0 hours
Dual battery life (8-cell and 12-cell)	8.8 hours
Dual battery life (8-cell and 6-cell)	5.8 hours
<b>Temperature</b>	
Operating	50° to 104°F/10° to 40°C
Non-operating	-12° to 140°F/-30° to 60°C

### DVD-ROM Drive

<b>Center Hole Diameter</b>	0.59 in/1.49 cm
<b>Disc Diameter</b>	12 cm, 8 cm
<b>Disk Thickness</b>	1.2 mm
<b>Track Pitch</b>	0.74 µm
<b>Access Times</b> (typical reads, including settling)	
Random	< 150 ms
Full-Stroke	< 225 ms
<b>Audio Output Level</b>	
Line-out	0.7 Vrms (typical)
<b>Cache Buffer</b>	128 Kb/s (minimum)
<b>Data Transfer Rate</b>	
Sustained (1X)	150 Kb/s
Sustained DVD	2760 Kb/s
Normal PIO Mode 4 (single burst)	16.6 Mb/s
<b>Start-up Time</b>	< 15 sec (typical)
<b>Stop Time</b>	< 6 sec