

# OVERVIEW

Compaq Armada 7700

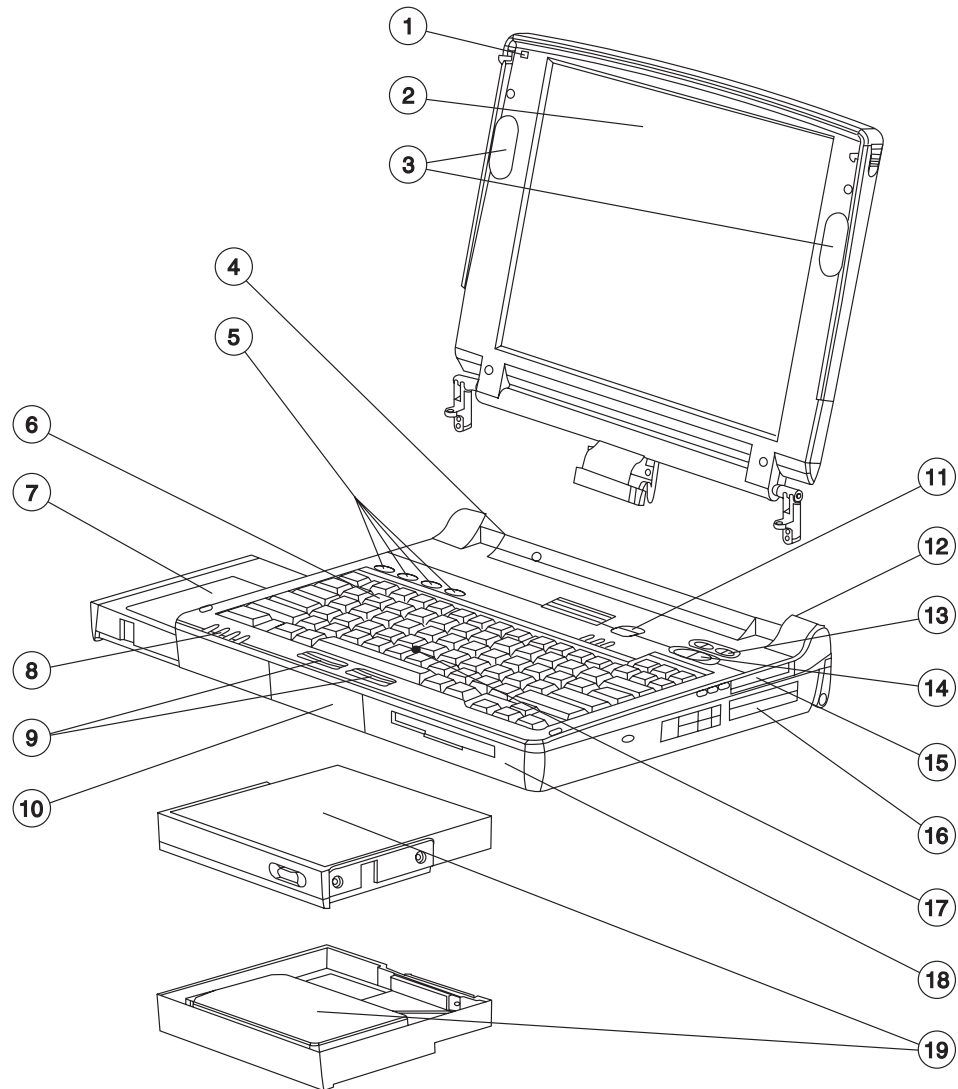
## BENEFITS AT A GLANCE

- Powerful 150- or 166-MHz Intel Pentium® processors with MMX technology and 256 KB level two cache (64-bit architecture)
- Large 12.1-inch TFT displays with either 800 x 600 or 1024 x 768 resolution
- Simultaneous display support in any resolution
- 64-bit local bus graphics
- Integrated AC Adapter
- Choice of 1.6- or 2.1-GB removable hard drives; notebook supports over 5.0-GB of storage using a second hard drive
- 16 or 32 MB standard EDO DRAM, expandable up to 144 MB (two slots)
- Integrated 33.6 Kb/s data/14.4 Kb/s fax modem with telephony and DSVD
- MultiBay design allows user customization with CD-ROM, second hard drive or battery, diskette drive or weight saver
- New feature-rich ArmadaStation expansion base with PCI/ISA slots and half-height modular bays
- Intelligent Manageability lowers cost of ownership
- Multimedia functionality with Compaq PremierSound, integrated 16-bit stereo, dual speakers, optional 8X CD-ROM Drive, software MPEG1 and hardware WaveTable audio
- Li-Ion Battery Pack provides up to three hours battery life<sup>1</sup>
- Protected by CompaqCare including a three-year, worldwide limited warranty<sup>2</sup>

<sup>1</sup> When tested in standard configuration using the Ziff-Davis BatteryMark test version 1.0, the battery life of the Armada 7750MT will range from 1 hour and 30 minutes to 2 hours and 30 minutes depending on individual usage. The battery life of the 7730MT and 7710MT will range from 1 hour and 30 minutes to 3 hours and 00 minutes depending on individual usage.

<sup>2</sup> Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

<sup>3</sup> Full support in Windows 95.



1. Microphone
2. 12.1-inch Color TFT Display
3. Stereo Speakers
4. Integrated AC Adapter (on back)
5. Four User-programmable Keys
6. Keyboard with Dedicated Home, End, Page-up and Page-down Keys and Inverted "T" Cursor Keys
7. Li-Ion Battery Pack
8. Suspend Power/Battery/Hard Drive and MultiBay Status LEDs
9. Pointing Device Buttons
10. Removable 1.6- or 2.1-GB Hard Drive
11. AC/Suspend Power
12. Integrated 33.6 Kb/s Data/14.4 Fax Modem
13. Volume Up/Down Switch, Mute
14. Power Switch
15. 25-pin International DAA/Cellular Phone Connector
16. Two Type II/One Type III PC Card Slot(s); CardBus-capable<sup>3</sup>
17. EasyPoint III Pointing Device
18. MultiBay
19. MultiBay Device (optional CD-ROM Drive and additional hard drive shown; batteries or diskette also available)

Two Memory Expansion Slots (on bottom)

# QUICKSPECS

Compaq Armada 7700

## MODELS

**Armada 7710MT**  
220702-002

**Armada 7730MT**  
277706-003

**Armada 7750MT**  
220806-003

The ultimate notebook designed with mobile convenience and exceptional desktop expandability.

## STANDARD FEATURES

### Processor

Armada 7710MT: 150-MHz Intel Pentium® with MMX technology

Armada 7730MT and 7750MT: 166-MHz Intel Pentium with MMX technology

All Models: 256 KB level two write-back cache

### Architecture

64-bit CPU, cache and memory bus; 32-bit PCI bus; 64-bit local graphics bus

### Display/Graphics

Armada 7710MT and 7730MT: 12.1-inch color TFT with 800 x 600 resolution (up to 16 million colors)

Armada 7750MT: 12.1-inch color TFT with 1024 x 768 resolution (up to 64,000 colors)

All models support simultaneous display in any resolution and use 64-bit local bus graphics with 2 MB EDO DRAM video memory.

### Memory

Armada 7710MT: 16 MB of RAM, expandable to 144 MB

Armada 7730MT and 7750MT: 32 MB of RAM, expandable to 144 MB (one memory slot occupied)

All models have two memory expansion slots for greater expansion flexibility

### Modular Design

MultiBay design allows for user-customization with a diskette drive (included standard), second battery or hard drive, 8X CD-ROM drive, or a weight saving device (included). For greater modularity, MultiBay devices are interchangeable between notebook and ArmadaStation expansion base. All LTE Elite and LTE 5000 hard drives are also supported in the MultiBay with the Armada 7700 Hard Drive Adapter (only cable select drives are bootable).

### Hard Drives

Armada 7710MT: 1.6-GB Removable SMART Hard Drive

Armada 7730MT and 7750MT: 2.1-GB Removable SMART Hard Drive

Optional 3-GB Removable SMART Hard Drive

### Storage

Notebook: Up to 5.1 GB

Notebook and Expansion Base: Up to 11.1 GB

### Communications

Integrated 33.6 Kb/s data/14.4 Kb/s fax telephony<sup>1</sup> modem with DSVD, full duplex speakerphone, digital answering machine and direct cellular support; Just Connect Software (Windows 95) or

### Communications (cont'd)

TRIO Communications Software (Windows NT 4.0) included for increased ease of use in modem communications; protection from power surges and digital phone lines

### PC Card Slots

Two Type II/One Type III PC Card Slot(s) which support both 32-bit CardBus<sup>1</sup> and 16-bit PC Cards; Zoomed Video support in bottom slot only; telephony support in top slot only

### Infrared Communication Port

4 Mb/s<sup>2</sup> infrared communication port for wireless communication with other infrared devices

### AC Power

Integrated AC Adapter makes transportation less bulky—for AC power, connect the power cord to the notebook and plug it in (power cord included)

### Battery

Li-Ion Battery Pack provides up to three hours battery life<sup>3</sup>; a second battery can be supported in the MultiBay for increased battery life; battery QuickCheck button on battery pack provides clear visual indication of charge status

### Multimedia

Compaq PremierSound for enhanced stereo audio including integrated 16-bit Sound Blaster Pro compatible stereo audio, integrated stereo speakers and microphone, software volume control, stereo line in, headphone out, microphone in jacks, optional 8X CD-ROM Drive, software MPEG1 and hardware Wave Table audio for more realistic sound

### Integrated Pointing Device

Keyboard-integrated, textured, EasyPoint III

### Keyboard

101-key compatible keyboard with isolated, inverted-T cursor control keys and right control key; four user-programmable keys; special feature hot-keys for instant access to power conservation, QuickLock/QuickBlank, battery charge status, brightness, mute and toggle between internal, external, or simultaneous displays

### Power Conservation

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

### Dimensions (HxWxD)

2.0 x 12.6 x 9.5 in/5.08 x 32 x 24.2 cm

**STANDARD FEATURES** (cont'd)

**Weight**

Without Power Cord  
 Armada 7710MT and 7730MT: 7.9 lb/3.59 kg  
 Armada 7750MT: 7.8 lb/3.54 kg

With Power Cord

Armada 7710MT and 7730MT: 8.2 lb/3.72 kg  
 Armada 7750MT: 8.1 lb/3.67 kg

**Software**

Dual install with choice of Microsoft Windows 95 or Microsoft Windows NT Workstation 4.0:

Windows 95 includes: Compaq Intelligent Manageability, Microsoft Internet Explorer, Netscape, Compuserve and AOL, JustConnect, Microsoft NetMeeting, Microsoft PC Card Manager and PointCast

Windows NT Workstation 4.0 includes: Compaq Intelligent Manageability, Microsoft Internet Explorer and TRIO Communications

**Interfaces**

Infrared (IrDA-2.0 compliant), enhanced parallel, serial, external monitor, keyboard/pointing device (also supports optional "Y" cable for dual external mouse and keyboard), PC Card, microphone in, headphone out, stereo line-in

**Compaq Intelligent Manageability Software**

Lowers cost of ownership by providing enhanced security, asset management and fault prediction

**Security Features**

Cable lock support; power-on and set-up passwords; QuickLock/QuickBlank; ability to disable serial port, parallel port, PC Card slots, diskette drive, diskette drive boot sequence, infrared port; MultiBay and hard drive security screw, memory door security screw (tool included)

**Carrying Case**

Deluxe portfolio case complete with integrated handle and pocket

**Service and Support**

CompaqCare provides a range of services, including a three-year, Worldwide Limited Warranty<sup>4</sup>, pick-up or carry-in; upgrade to on-site warranty available; lifetime toll-free 7x24 hardware technical phone support

**OPTIONS**

**Memory**

16-MB EDO Memory 272109-001  
 32-MB EDO Memory 220580-001  
 64-MB EDO Memory 220685-001

**Hard Drives/CD-ROM Drives**

Armada 7700 3-GB SMART Hard Drive<sup>5</sup> 296158-B21  
 Armada 7700 8X CD-ROM Drive 220462-001  
 Armada 7000 Hard Drive MultiBay Adapter (for second hard drive) 267868-001

**PC Cards/Communications**

MPEG-1 Playback PC Card 220636-001  
 Compaq Ethernet LAN Card 224750-001  
 SpeedPaq Cellular PC Card 221202-001  
 10/100 TX PC Card UTP Controller 292812-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  
 Netelligent 56K PC Card Modem 295050-001  
 International Modem Adapter for Armada 7700 248075-001

For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq Web site at <http://www.compaq.com/productinfo/notebooks>

**Expansion/Convenience Bases**

ArmadaStation 220680-001  
 ArmadaStation Tower Stand 267863-001  
 Armada 7000 Half-height MultiBay Adapter 220681-001  
 LTE 5000 Half-height MultiBay Adapter 267864-001  
 Armada MiniStation E 272187-001  
 Monitor Support Cover for MiniStation E 272341-001

**Power**

Armada 7700 Li-Ion Battery Pack 220463-001  
 Armada 7000 Battery Charger 220461-001  
 Automobile Adapter 217934-002

**Monitors**

V50 Color Monitor 264150-001  
 V70 Color Monitor 255606-001  
 P50 Color Monitor 264200-001  
 P70 Color Monitor 255650-001  
 QVision 210 Color Monitor 210406-601  
 TFT500 Flat Panel Monitor 285006-001

**OPTIONS** *(cont'd)***Other**

Compaq Armada Headset	220460-001
TR4 4 GB IDE Tape Drive <sup>6</sup>	186703-001

**Carrying Cases**

A full line of Compaq brand carrying cases are available through Targus/Fabrique. For information please contact Targus/Fabrique at 801-572-8908 or 714-523-5429.

<sup>1</sup> Full support in Windows 95.

<sup>2</sup> IrDA 4MB compliant. IR performance will vary depending on performance of IR peripherals and applications used.

<sup>3</sup> When tested in standard configuration using the Ziff-Davis BatteryMark test version 1.0, the battery life of the Armada 7750MT will range from 1 hour and 30 minutes to 2 hours and 30 minutes depending on individual usage. The battery life of the 7730MT and 7710MT will range from 1 hour and 30 minutes to 3 hours and 00 minutes depending on individual usage.

<sup>4</sup> Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-OK-COMPAQ for details.

<sup>5</sup> Includes Armada 7000 Hard Drive Adapter (part number 267868-001).

<sup>6</sup> With ArmadaStation only.

# FEATURES

Compaq Armada 7700

	Compaq Armada 7710MT	Compaq Armada 7730MT	Compaq Armada 7750MT
<b>System Unit</b>			
Microprocessor	Intel Pentium® 150-MHz with MMX technology	Intel Pentium 166-MHz with MMX technology	Intel Pentium 166-MHz with MMX technology
Secondary Cache	256 KB level 2 write-back	256 KB level 2 write-back	256 KB level 2 write-back
Architecture	64-bit CPU cache and memory bus; 64-bit local bus graphics	64-bit CPU cache and memory bus; 64-bit local bus graphics	64-bit CPU cache and memory bus; 64-bit local bus graphics
<b>RAM</b>			
Standard	16 MB	32 MB	32 MB
Maximum	144 MB	144 MB	144 MB
Coprocessor	Integrated	Integrated	Integrated
Advanced Power Management	Yes	Yes	Yes
AC Adapter	Integrated	Integrated	Integrated
<b>Display</b>			
Type	12.1-inch color TFT	12.1-inch color TFT	12.1-inch color TFT
Resolution	800 x 600 with up to 16 million colors	800 x 600 with up to 16 million colors	1024 x 768 with up to 64,000 colors
Extended Text	Yes	Yes	Yes
<b>Graphics</b>			
64-bit Local Graphics Bus	Yes	Yes	Yes
Simultaneous Display Support	Yes	Yes	Yes
1024 x 768 External	Yes	Yes	Yes
<b>Storage</b>			
1.44-MB Diskette Drive	Standard	Standard	Standard
<b>Removable SMART Hard Drives</b>			
Standard	1.6-GB	2.1-GB	2.1-GB
Optional	3-GB	3-GB	3-GB
8X CD-ROM Drive	Optional	Optional	Optional
<b>Communications</b>			
Integrated 33.6 Kb/s Modem	Standard	Standard	Standard
<b>Interfaces</b>			
PC Card Slots	Two Type II/One Type III	Two Type II/One Type III	Two Type II/One Type III
Resume on Ring Support	Yes	Yes	Yes
Infrared Communication Port	1	1	1
Enhanced Parallel Port	1	1	1
Serial Port	1	1	1

	Compaq Armada 7710MT	Compaq Armada 7730MT	Compaq Armada 7750MT
<b>Interfaces</b> (cont'd)			
External Monitor	1	1	1
External Keyboard/Pointing Device	1	1	1
Expansion Base	1	1	1
RJ-11 Jack	1	1	1
Microphone In	1	1	1
Headphone Out	1	1	1
Stereo Line In	1	1	1
Support for Third-Party Y-Cables (for external mouse and keyboard)	Yes	Yes	Yes
<b>Monitors</b>			
V50 Color	Optional	Optional	Optional
V70 Color	Optional	Optional	Optional
P50 Color	Optional	Optional	Optional
P70 Color	Optional	Optional	Optional
QVision 210 Color	Optional	Optional	Optional
TFT500 Flat Panel Monitor	Optional	Optional	Optional
<b>Keyboard</b>			
101-key compatible keyboard with Inverted "T" Cursor Keys, Hotkeys and Right Ctrl Key	Standard	Standard	Standard
External Enhanced III Keyboard	Optional	Optional	Optional
<b>Supported System Software</b>			
Software Included	Dual install with choice of Microsoft Windows 95 or Microsoft Windows NT Workstation 4.0:  Windows 95 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer, Netscape, Compuserve and AOL, JustConnect, Microsoft NetMeeting, Microsoft PC Card Manager and PointCast  Windows NT Workstation 4.0 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer and TRIO Communications	Dual install with choice of Microsoft Windows 95 or Microsoft Windows NT Workstation 4.0:  Windows 95 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer, Netscape, Compuserve and AOL, JustConnect, Microsoft NetMeeting, Microsoft PC Card Manager and PointCast  Windows NT Workstation 4.0 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer and TRIO Communications	Dual install with choice of Microsoft Windows 95 or Microsoft Windows NT Workstation 4.0:  Windows 95 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer, Netscape, Compuserve and AOL, JustConnect, Microsoft NetMeeting, Microsoft PC Card Manager and PointCast  Windows NT Workstation 4.0 package includes: Compaq Intelligent Manageability, Microsoft Internet Explorer and TRIO Communications
<b>Physical Specifications</b>			
Dimensions (HxWxD)	2.0 x 12.6 x 9.5 in/ 5.08 x 32 x 24.2 cm	2.0 x 12.6 x 9.5 in/ 5.08 x 32 x 24.2 cm	2.0 x 12.6 x 9.5 in/ 5.08 x 32 x 24.2 cm
Weight			
Without Power Cord	7.9 lb/3.59 kg	7.9 lb/3.59 kg	7.8 lb/3.54 kg
With Power Cord	8.2 lb/3.72 kg	8.2 lb/3.72 kg	8.1 lb/3.67 kg

# MEMORY

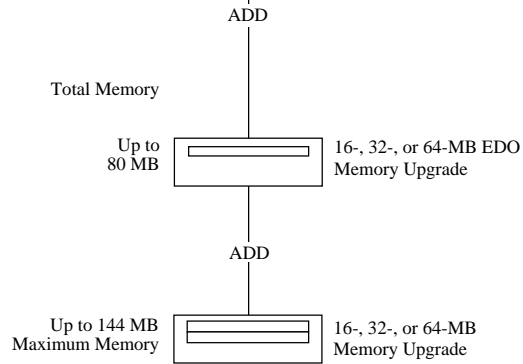
Compaq Armada 7700

## Compaq Armada 7710MT

STANDARD  
MEMORY

16 MB System Board

OPTIONAL  
MEMORY



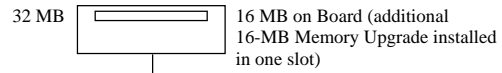
**Notes:**

The memory options supported on the Armada 7700 family are as follows:

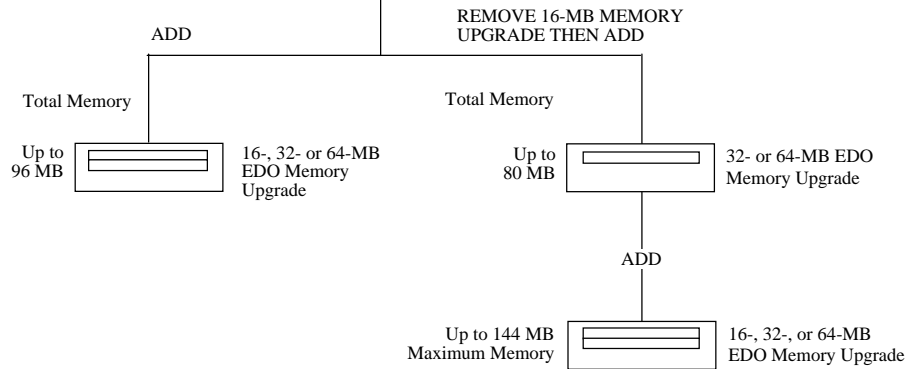
- 16-MB EDO Memory Upgrade 272109-001
- 32-MB EDO Memory Upgrade 220580-001
- 64-MB EDO Memory Upgrade 220685-001

Compaq Armada 7730MT and 7750MT

STANDARD MEMORY



OPTIONAL MEMORY



Notes:

To reach the maximum memory of 144 MB the 16-MB EDO Memory upgrade (which ships standard on the Armada 7730MT and 7750MT) must be removed. The memory options supported on the Armada 7700 family are as follows:

- 16-MB EDO Memory Upgrade 272109-001
- 32-MB EDO Memory Upgrade 220580-001
- 64-MB EDO Memory Upgrade 220685-001

## System Unit

<b>Dimensions (HxWxD)</b>	2.0 x 12.6 x 9.5 in/5.08 x 32 x 24.2 cm
<b>Weight</b>	
Without Power Cord	
Armada 7710MT and 7730MT	7.9 lb/3.59 kg
Armada 7750MT	7.8 lb/3.54 kg
With Power Cord	
Armada 7710MT and 7730MT	8.2 lb/3.72 kg
Armada 7750MT	8.1 lb/3.67 kg
<b>Stand-Alone Power Requirements</b>	
Average Operating Power	15 W
Peak Operating Power	25 W
<b>Power Supply</b>	
Rated Input Voltage	100-120/220-240 VAC
Rated Input Current	1.2/0.6A
Rated Frequency	50-60 Hz
<b>Temperature</b>	
Operating	50 to 104° F/10 to 40° C
Nonoperating	-4 to 140° F/-20 to 60° C
<b>Relative Humidity (noncondensing)</b>	
Operating	10 to 90%
Nonoperating	5 to 95%
<b>Shock</b>	
Operating	10 G, 11 ms, half sine
Non operating	240 G, 2 ms, half sine
<b>Vibration</b>	
Operating	0.5 G
Nonoperating	1.5 G
<b>Maximum Altitude (unpressurized)</b>	
Operating	10,000 ft/3.05 km
Nonoperating	30,000 ft/9.14 km

## 12.1-Inch Color TFT 1024 x 768 (XGA) Display

<b>Dimensions (HxW)</b>	7.3 x 9.7 in/18.43 x 24.58 cm
<b>Diagonal Size</b>	12.1 in/30.72 cm
<b>Mounting</b>	Internal
<b>Number of Colors</b>	Up to 64 K
<b>Contrast Ratio</b>	100:1
<b>Brightness</b>	85 CD/M <sup>2</sup> @ 6.0 mA
<b>Pixel Resolution</b>	
Pitch	0.240 x 0.240 mm
Format	1024 x 768
Configuration	RGB stripe
<b>Backlight</b>	Edge Lit
<b>Character Display</b>	80 x 25
<b>Total Power Consumption (maximum)</b>	3.8 W

12.1-Inch Color TFT  
800 x 600 (SVGA) Display

<b>Dimensions (HxW)</b>	7.3 x 9.7 in/18.45 x 24.60 cm
<b>Diagonal Size</b>	12.1 in/30.75 cm
<b>Mounting</b>	Internal
<b>Number of Colors</b>	Up to 16M
<b>Contrast Ratio</b>	100:1
<b>Brightness</b>	95 CD/M <sup>2</sup> @ 5.75 mA
<b>Pixel Resolution</b>	
Pitch	0.3075 x 0.3075 mm
Format	800 x 600
Configuration	RGB Stripe
<b>Backlight</b>	Edge Lit
<b>Character Display</b>	80 x 25
<b>Total Power Consumption (maximum)</b>	3.8 W

Hard Drives<sup>1</sup>

	<b>1.6-GB</b>	<b>2.1-GB</b>	<b>3-GB</b>
<b>Capacity Per Drive</b>	1631.9 MB	2167.6 MB	3080.0 MB
<b>SMART, drive fault prediction capable</b>	Yes	Yes	Yes
<b>Drive Height</b>	19 mm	19 mm	19 mm
<b>Transfer Rate</b>			
Media	48.7 to 74.5 Mb/s	48.7 to 74.5 Mb/s	48.7 to 74.5 Mb/s
Interface	16.6 MB/s	16.6 MB/s	16.6 MB/s
<b>Sector Interleave</b>	1:1	1:1	1:1
<b>Seek Times (typical, including settling)</b>			
Track-to-track	4 ms	4 ms	4 ms
Average	12 ms	12 ms	12 ms
Full Stroke	23 ms	23 ms	23 ms
<b>Disk Rotational Speed</b>	4900 rpm	4900 rpm	4900 rpm
<b>Physical Configuration</b>			
Cylinders	4927	4927	5119
Heads	5	6	8
Sectors per track	178 to 112	178 to 112	175 to 110
Bytes per sector	512	512	512
<b>Logical Configuration</b>			
Cylinders	3215	4200	5968
Heads	16	16	16
Sectors per track	63	63	63
Bytes per sector	512	512	512
<b>Buffer Size</b>	96 K	96 K	96 K

## Diskette Drive

<b>Diskette Size</b>	3.5-inch
<b>Light</b>	On System
<b>Drive Height</b>	.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/173 ms
Settling time	15 ms
Latency average	100 ms

## CD-ROM Drive

<b>Applicable Disc</b>	CD-ROM Mode 1, Mode 2 CD-Digital Audio CD-XA Mode 2 (Form 1, Form 2) Photo CD (single/multisession)
<b>Center Hole Diameter</b>	.59 in/1.5 cm
<b>Disc Diameter</b>	4.72 in, 3.15 in/12 cm, 8 cm
<b>Rotational Speed</b>	2100 to 4200 rpm, 8X speed
<b>Disc Thickness</b>	1.2 mm
<b>Track Pitch</b>	1.6 $\mu$ m
<b>Access Times</b> (typical including settling)	
Random	less than 275 ms
Full Stroke	less than 600 ms
<b>Audio Output Level</b>	
Line Out	.7 Vrms
<b>Cache Buffer</b>	256 K
<b>Data Transfer Rates</b> (typical, including settling)	
Sustained	1.2 MB/s
<b>Startup Time</b>	less than 10 seconds (typical)

## Li-Ion Battery Pack

<b>Dimensions</b> (HxWxD)	.92 x 3.46 x 5.44 in/2.34 x 8.80 x 13.82 cm
<b>Weight</b>	.89 lb/.40 kg
<b>Energy</b>	
Voltage	14.4 V
Capacity	2.7 Ah
<b>Battery Life</b>	Up to 3 hours <sup>2</sup>
<b>Temperature</b>	
Operating	50° to 104° F/10° to 40° C
Recommended Storage	32° to 113° F/0° to 45° C

## ArmadaStation (optional)

<b>Dimensions (HxWxD)</b>	
Without Monitor Support Cover	5 x 17.3 x 16 in/12.7 x 46.5 x 40.6 cm
With Monitor Support Cover	5.6 x 17.3 x 16 in/14.2 x 46.5 x 40.6 cm
<b>Weight</b>	
ArmadaStation	22.7 lb/10.3 kg
Monitor Support Cover	3.3 lb/1.5 kg
<b>Power Supply (Input)</b>	
Operating Voltage	90-260 VAC
Operating Current	5.0 Amp Maximum
Rated Voltage	100-120 to 220-240 VAC
Rated Current	2.5-5.0 Amp
Line Frequency	50-60 Hz
<b>Temperature</b>	
Operating	5 to 95° F/10 to 35° C
Nonoperating	-22 to 140° F/-30 to 60° C
<b>Relative Humidity</b>	
Operating	20 to 80%
Nonoperating	5 to 90%
<b>Maximum Altitude</b>	
Operating	10,000 ft/3048 m
Nonoperating	30,000 ft/9144 m
<b>Shock</b>	
Operating	5 G, 11 ms, half sine
Nonoperating	140 G, 2 ms, half sine
<b>Vibration</b>	
Operating	.25 G, 10 to 500 Hz sine .25 octave/minute sweep
Nonoperating	.75 G, 10 to 500 Hz sine .5 octave/minute sweep
<b>Monitor Support (maximum)</b>	55 lb/25 kg

**Armada MiniStation E**  
 (optional)

<b>Dimensions (HxWxD)</b>	
Without Monitor Support Cover	5.0 x 14.75 x 15.37 in/12.7 x 37.47 x 39.05 cm
With Monitor Support Cover	5.6 x 14.75 x 15.37 in/14.2 x 37.47 x 39.05 cm
<b>Weight</b>	
Armada MiniStation E	7.67 lb/3.48 kg
Monitor Support Cover Option	3.3 lb/1.5 kg
<b>Power Supply (Input)</b>	
Operating Voltage	90-260 VAC
Operating Current	3.0 Amp Maximum
Rated Voltage	100-120 VAC to 220-240 VAC
Rated Current	1.5-3.0 Amps Maximum
Line Frequency	50-60 Hz
<b>Temperature</b>	
Operating	5 to 95° F/10 to 35° C
Nonoperating	-22 to 140° F/-30 to 60° C
<b>Relative Humidity</b>	
Operating	20 to 80%
Nonoperating	5 to 90%
<b>Maximum Altitude</b>	
Operating	10,000 ft/3048 m
Nonoperating	30,000 ft/9144 m
<b>Shock</b>	
Operating	5 G, 11 ms, half sine
Nonoperating	140 G, 2 ms, half sine
<b>Vibration</b>	
Operating	.25 G, 10 to 500 Hz sine .25 octave/minute sweep
Nonoperating	.75 G, 10 to 500 Hz sine .5 octave/minute sweep
<b>Monitor Support (Maximum)</b>	55 lb/25 kg

<sup>1</sup> Hard drive specifications may vary slightly depending on vendor.

<sup>2</sup> When tested in standard configuration using the Ziff-Davis BatteryMark test version 1.0, the battery life of the Armada 7750MT will range from 1 hour and 30 minutes to 2 hours and 30 minutes depending on individual usage. The battery life of the 7730MT and 7710MT will range from 1 hour and 30 minutes to 3 hours and 00 minutes depending on individual usage.