

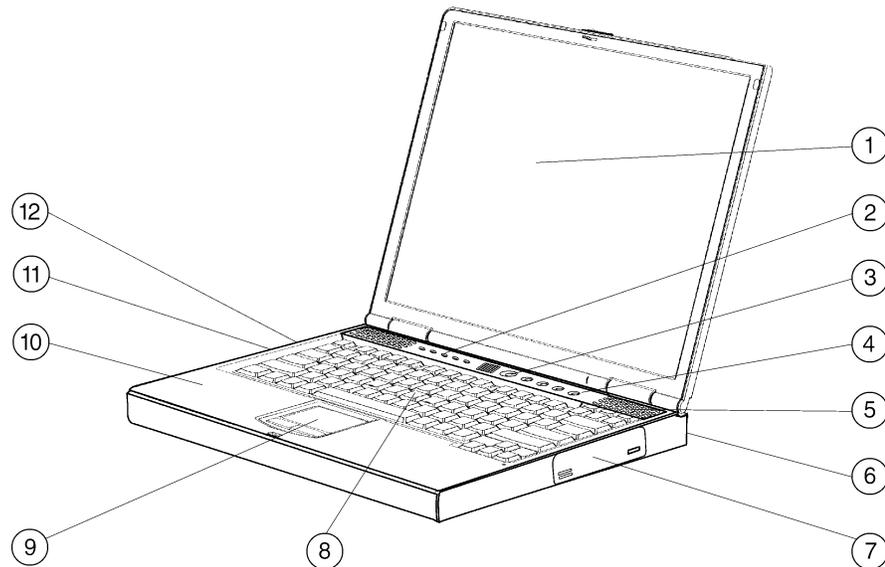
Overview

What's New

- Intel Celeron™ 700 MHz processor/PIII 800 MHz
- Choice of 14.1-inch TFT XGA or 12.1-inch TFT SVGA Display Panel
- 10 GB Hard Drive
- Four Easy Access Internet Buttons
- Microsoft Windows Millennium

At A Glance

- Intel Celeron™ 700 MHz processor/PIII 800 MHz
- Choice of 14.1-inch TFT XGA or 12.1-inch TFT SVGA Display Panel
- Configurations as light as 6.9 lbs/3.1 kg weight
- 1.7 in/4.2 cm thin
- 64 MB SDRAM (100MHz), upgradable to 576 MB
- 10 GB hard drives
- Integrated Mini PCI modem/NIC combo on select models
- Full-size keyboard
- Microsoft Windows Millennium
- USB port expansion options available
- Lightweight/Extended Capacity Lithium Ion battery available
- Protected by a one-year, worldwide limited warranty — certain restrictions and exclusions apply (consult the Compaq Customer Support Center for details)



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|--|--------------------------------------|
| 1. 12.1-inch TFT or 14.1-inch TFT Color Display | 7. CD-ROM/DVD-ROM (on select models) |
| 2. LED Indicator Lights | 8. Keyboard |
| 3. Power Switch | 9. Touchpad |
| 4. Easy Access Internet Buttons | 10. 1.44 MB Disk Drive |
| 5. Speaker | 11. PC Card Slot |
| 6. Integrated RJ-11 Jack, 56K V.90 modem/RJ-45 Internet Board (on select models) | 12. Infrared Transceiver |

COMPAQ

Standard Features

Processor	700 MHz Intel® Celeron™ processor 800 MHz Intel® Pentium™ processor <i>Note: Intel Celeron Processors feature 128 KB integrated L2 cache</i> <i>Note: Intel Pentium III Processors feature 256 KB integrated L2 cache</i>	
Memory	Standard 64-MB 100 MHz SDRAM Maximum 576-MB 100 MHz SDRAM	
Communications	User upgradable – Type III Mini PCI Compaq Global Mini-PCI 56K (V.90) Modem or Compaq Global Mini-PCI 56K (V.90) Modem plus Intel PRO 10/100 NIC <i>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.</i> <i>Note: Modem availability is subject to country regulatory approval.</i>	
PC Card Slots	One Type I, II or III PC Card Slot which supports both 32-bit CardBus (Full support in Windows 9.x) and 16-bit PC Cards	
Storage	Diskette Drives	1.44 MB
	Hard Drives	10 GB (9.5 mm height)
Multimedia	Integrated 24X max CD-ROM drive Integrated 16-bit Sound Blaster Pro-compatible stereo audio Integrated speakers and microphone Software volume control Headphone-out Jack Microphone-in Jack Hardware assisted MPEG2 support	
Interfaces	PC Card Slot	One Type I, II or III
	Enhanced Parallel Port	1
	PS/2	1 (Y-cable compatible)
	Serial Port	1
	External Monitor Port	1
	Speaker Out (Headphone) Jack	1
	Microphone-in Jack	1
	AC Power Connector	1
	RJ-45	1 (with Mini PCI NIC option only)
	RJ-11 Jack	1 (with Mini PCI modem option only)
	Infrared Port	1 (“Fast IR” compliant, IR performance will vary depending on performance of IR peripherals and application used)
	USB Port	2
Graphics	Integrated Trident CyberBlade i1 with AGP 2X support	
Display (Internal)- <i>One of the following:</i>	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal) 12.1-inch color TFT SVGA with 800 x 600 resolution	

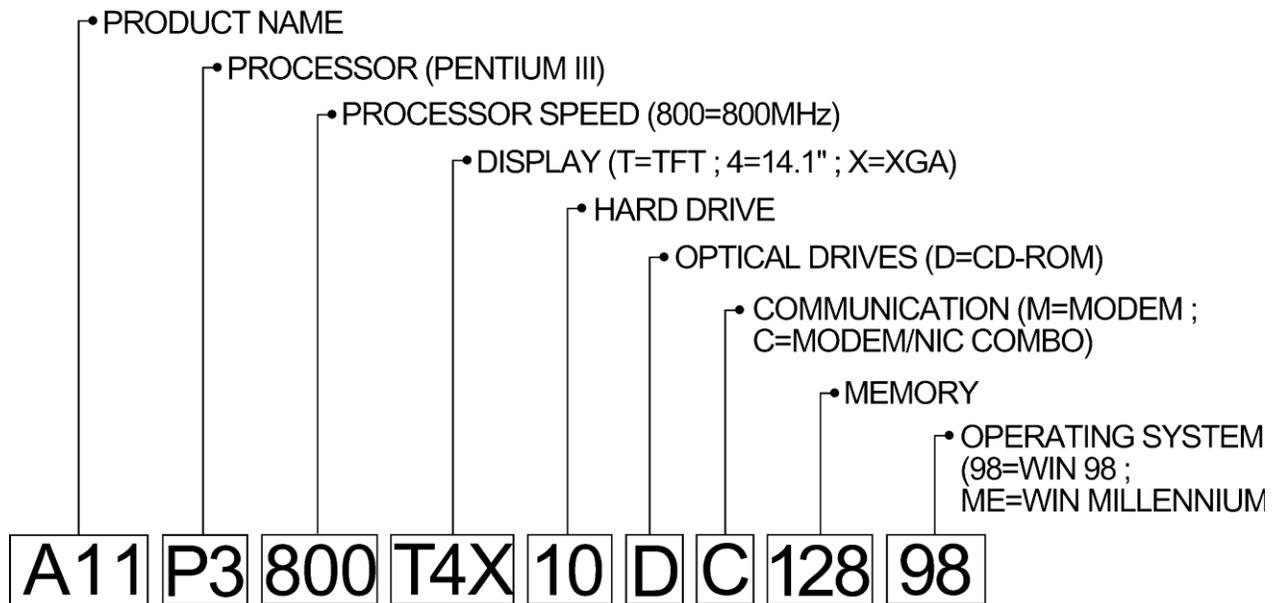
Standard Features

Display (External)	16 Million colors supported 640 x 480, 800 x 600, 1024 x 768 or 1280 x 1024 up to 60, 75, 85 Hz refresh rate
Operating System	Windows Millennium
Software	Microsoft Office Small Business available on select models Online Safety and Comfort Guide Online Reference Guide Norton AntiVirus 2000 (except Japan)
Security	Cable lock support Power-on password Supervisor password Boot password Ability to disable serial port, parallel port
Power Supply	External AC Adapter; 6 ft/1.8 m power cord included
Battery	<p>A 9-cell NiMH battery ships standard and provides over two hours of battery life using ZD BattMark 3.0. An optional 9-cell Lithium-ION battery is also available.</p> <p>Note: Actual results may vary with product model, configuration, and individual usage. Compaq results of 4:07 (hr:min) were achieved running the eTesting Labs Inc.'s BatteryMark TM Test version 4.0.1 on an Armada 110 with an Intel Pentium III 800 MHz CPU, 14.1" XGA panel, 64 MB RAM, 10 GB HDD, CD-ROM 9-cell Lithium-Ion battery, and combination NIC/modem. System parameters were set according to Ziff Davis recommendations: panel brightness 50%, hard drive standby and video idle time 3 minutes, Intel SpeedStep battery optimized mode.</p> <p>Note: This test was performed without independent verification by eTesting Labs Inc. eTesting Labs Inc. makes no representations or warranties as to the result of the test. BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., and affiliate of eTesting Labs Inc., in the U.S. and other countries.</p>
Power Conservation	Hibernation Standby (Suspend)
Service and Support	Compaq Services includes a one-year limited warranty, whole-unit replacement via second business day, and pick-up and delivery. Note: Certain restrictions and exclusions apply. See the Limited Warranty Statement for details.

Standard Features

Naming Convention

The Etymology of a Model name:



Standard Features

Models

A11P800T4X10DC649H 470012-945	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 800 MHz
	Cache Memory	256 KB L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI V.90 modem & 10/100 TX NIC Combo
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium & MS Office SB
	Battery	9-cell Li-ION

A11P800T4X10DC649HME 470012-909	Display	14.1-inch color TFT XGA
	Processor	Intel Pentium III 800 MHz
	Cache Memory	256 KB L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI V.90 modem & 10/100 TX NIC Combo
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium
	Battery	9-cell Li-ION

A11P800T2X10DC649HME 470012-904	Display	12.1-inch color TFT SVGA
	Processor	Intel Pentium III 800 MHz
	Cache Memory	256 KB L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI V.90 modem & 10/100 TX NIC Combo
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium
	Battery	9-cell NiMH

Standard Features

Models (continued)

A11C1700T4X10DC649HME 470012-798	Display	14.1-inch color TFT XGA
	Processor	Intel Celeron 700 MHz
	Cache Memory	128 KB L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI V.90 modem & 10/100 TX NIC Combo
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium & MS Office SB
	Battery	9-cell NiMH

A11C1700T4X10DC649HME 470012-782	Display	14.1-inch color TFT XGA
	Processor	Intel Celeron 700 MHz
	Cache Memory	128 KB L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI V.90 modem & 10/100 TX NIC Combo
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium
	Battery	9-cell NiMH

A11C1700T2S10DM649HME 470012-741	Display	12.1-inch color TFT SVGA
	Processor	Intel Celeron 700 MHz
	Cache Memory	128KB, L2 Cache
	Memory	Standard 64 MB SDRAM Maximum 576 MB SDRAM
	Optical Drive	24X CD-ROM
	Hard Drive	10 GB
	Modem	Mini-PCI 56K (V.90) Modem
	Graphics	Trident CBI1 8-MB UMA RAM (Shared RAM)
	Audio	16-bit SoundBlaster Pro compatible
	Software	MS Windows Millennium
	Battery	9-cell NiMH

Options

Memory	64-MB Memory Upgrade	400312-B21
	128-MB Memory Upgrade	400313-B21
	256-MB Memory Upgrade (Due to the non-industry standard nature of some third-party memory modules, we strongly recommend using only Compaq branded memory modules to ensure compatibility)	161554-B21
Monitors	Compaq TFT8020 Flat Panel Monitor 18-inch (carbon)	159244-001
	Compaq TFT5010 Flat Panel Monitor 15-inch (carbon)	154486-001
	Compaq S710 CRT Monitor 17-inch (carbon)	154499-002
	Compaq S510 CRT Monitor 15-inch (carbon)	168636-002
Connectivity	10/100 TX PC Card UTP Controller	335506-B21
	100BaseTX Ethernet Upgrade	225435-001
Wireless Connectivity	Compaq WL100 11 Mb/s Wireless LAN PC Card (Industry-Standard Wireless Technology)	146927-001
	Compaq WL400 11 Mb/s Wireless LAN Hardware Access Point	158603-001
	For more information on Compaq WLAN Wireless LAN solutions visit: http://www.compaq.com/products/wlan/wl100-specifications.html Note: This Web site is available in English only.	
Power	Li-Ion (9-cell)	232031-001
	AC Adapter 50W	120765-001
	Auto Adapter	188200-B21
Input Devices	External Enhanced III Keyboard (carbon)	118003-008
	Compaq 2 Button Mouse (carbon)	103180-B21
	USB 2 Button Mouse (carbon)	195255-B25
	10 Key Numeric Keypad	294317-B21
	USB Port Expansion Solution	TBD
Useful Accessories	Security Cable Lock	294316-B21
	Biometric PC Card	146805-B25
	Compaq Smart Card PC Card Read	135646-B25
	Compaq Armada Headset with microphone	220460-001
	MP1400 Microportable Projector	174626-001
	MP1800 Microportable Projector	180226-001
	MP2800 Microportable Projector	180228-001
	Multimedia Adapter & Remote Kit (<i>comes with the MP1800</i>)	174963-001
	MP1600 Video Adapter	116298-001
	MP1600 Lamp replacement kit	118052-001
	MP1800/1400 Lamp replacement kit	189789-001
	MP2800 Lamp replacement kit	215464-001

Options

Carrying Cases	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

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

Memory

Compaq Armada 110

STANDARD MEMORY

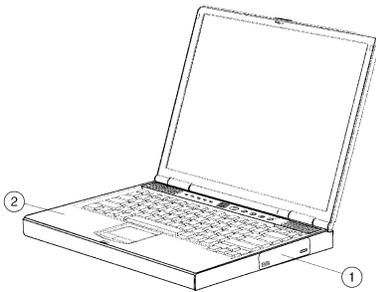
64 MB onboard (1 slot available)

Standard	Onboard	Slot 2
64 MB	64 MB	Empty
128 MB	64 MB	64 MB
192 MB	64 MB	128 MB

Following are memory options available from Compaq:

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

Storage



1. Fixed CD-ROM drive (DVD-ROM on select models)
2. Dedicated hard drive bay

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Bay Supported
Media		
24X CD-ROM	1	Fixed
1.44-MB Diskette Drive	1	Fixed
Hard Drives		
10-GB Hard Drive	1	Fixed

Technical Specifications

System Unit	Dimensions (HxWxD)	12.5 x 9.8 x 1.7 in/318 x 248 x 42 mm
	Weight	12-inch TFT with standard NiMH battery 7.2 lbs/3.3 kg
		14-inch TFT with standard NiMH battery 7.4 lbs/3.4 kg
	14-inch TFT with standard LiIon battery 7.1 lbs/3.2 kg	
Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	11.1 VDC
	Nominal Operating Voltage (NiMH)	10.8 VDC
Temperature	Operating	50° to 95° F/10° to 35° C
	Non-operating	-4° to 140° F/-20° to 60° C
Relative Humidity (non-condensing)	Operating	20% to 80% relative humidity, non-condensing
	Non-operating	20% to 90% relative humidity, 101.6°F/38.7°C Maximum wet bulb temperature
Shock	Operating	10 G, 11 ms, half-sine
	Non-operating	60 G, 11 ms, half-sine
Vibration	Operating	0.5 G zero-to-peak, 10 to 500 Hz, at 0.5 oct/minimum sweep rate
	Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, at 0.5 oct/minimum sweep rate
Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft/0 to 3,048 m
	Non-operating	0 to 40,000 ft/0 to 9,144 m

Technical Specifications

12.1-Inch Color TFT SVGA Display	Dimensions (HxW)	7.83 x 10.83 in/19.9 x 27.5 cm		
	Diagonal Size	12.1 in/30.74 cm		
	Mounting	Internal		
	Number of Colors	262K		
	Contrast Ratio	250:1		
	Brightness	120+ nit		
	Pixel Resolution	Pitch	0.3075 x 0.3075 mm	
		Format	800 x 600	
		Configuration	RGB Vertical Stripe	
	Backlight	Cold cathode fluorescent, 1 tube		
	Character Display	80 x 25		
	Total Power Consumption	4.5W		
	Refresh	60 Hz		

14.1-Inch Color TFT XGA Display	Dimensions (HxW)	8.42 x 11.22 in/21.4 x 28.5 cm		
	Diagonal Size	14.1 in/35.81 cm		
	Mounting	Internal		
	Number of Colors	262K		
	Contrast Ratio	180:1		
	Brightness	150+ nit		
	Pixel Resolution	Pitch	0.279 x 0.279 mm	
		Format	1024 x 768	
		Configuration	RGB Vertical Stripe	
	Backlight	Cold cathode fluorescent, 1 tube		
	Character Display	80 x 25		
	Total Power Consumption	8W		
	Refresh	60 Hz		

Technical Specifications

Hard Drives

10GB	Capacity	10 GB		
	Height	0.37 in/9.5 mm		
	Width	2.5 in/63.5 mm		
	Interface	ATA-5		
	Transfer Rate	Media	86.4-153.3 Mb/s	
		Interface	UDMA 33.3MB/s	
	Seek Time (typical reads, including settling)	Single Track	3 ms	
		Average	13 ms (read)	
		Full-Stroke	24 ms	
	Rotational Speed	4200 rpm		
Physical Configuration	Bytes/sector	512		

Diskette Drive

Diskette Size	3.5 in	
Activity Indicator	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

Technical Specifications

External AC Adapter	Weight	0.45 lb/0.21 kg	
	Power Supply (Input)	Operating Voltage	100 to 240 VAC RMS Nominal
		Operating Current	1.5 A RMS
		Operating Frequency Range	50 to 60 Hz AC Nominal
	Maximum Transient	4/50 kV	
Li-Ion Battery Pack	Dimensions (HxWxD)	0.83 x 6.55 x 3.15 in/21 x 166 x 80 mm	
	Weight	0.97 lb/0.44 kg	
	Cells	9 Li-Ion	
	Energy	Voltage	11.1 V
		Amp-hour capacity	4.8 Ah
		Watt-hour capacity	53.2Wh
	Temperature	Operating	50° to 104° F/10° to 40° C
Non-operating		-12° to 140° F/-30° to 60° C	
NiMH Battery Pack	Dimensions (HxWxD)		
	Weight	1.32 lb/0.60 kg	
	Cells	9 NiMH	
	Energy	Voltage	10.8 V
		Amp-hour capacity	4.5 Ah
		Watt-hour capacity	48.6Wh
	Temperature	Operating	50° to 104° F/10° to 40° C
Non-operating		-12° to 140° F/-30° to 60° C	

Compaq PCs use genuine Microsoft® Windows®

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