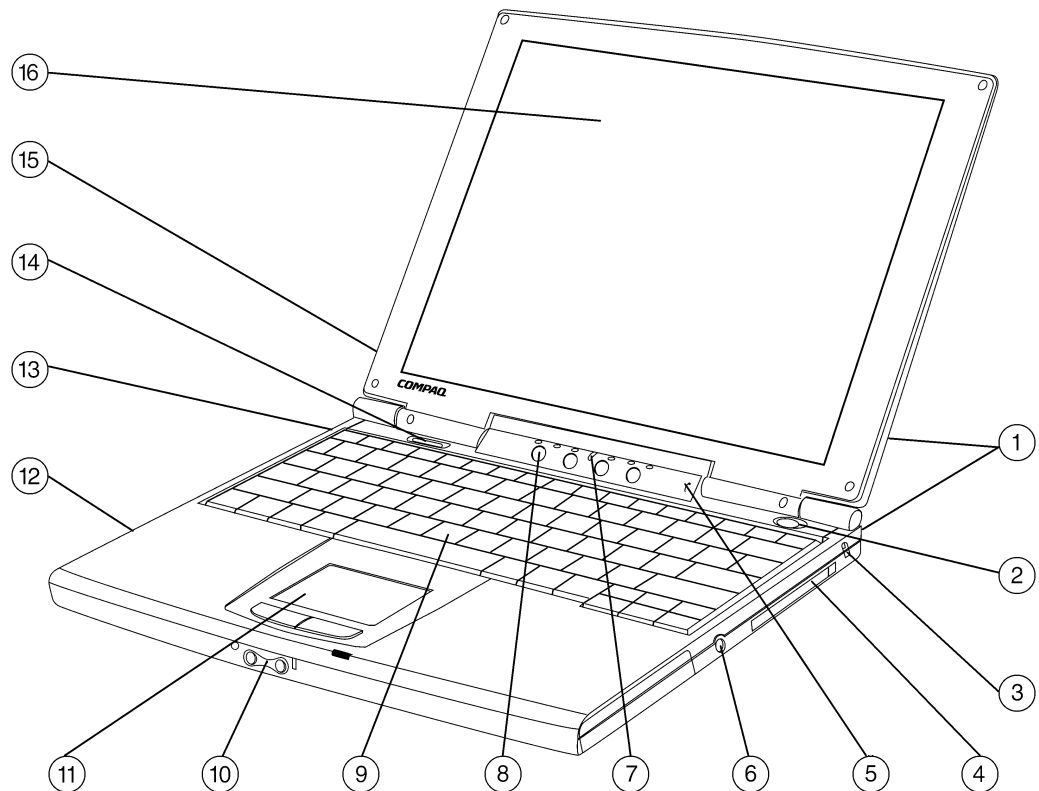# QuickSpecs

Overview

What's New

- 2.5 lb/1.13 kg Ultraportable
- Ultra Low Voltage Mobile Intel® Pentium® III processor
- Intel 440MX chipset with 100-MHz bus
- Optional Mobile Expansion Unit (MEU)
- Microsoft® Windows® XP Professional
- Support for two batteries in the system
- Easy Access Internet Buttons
- Enhanced Industrial and ergonomic design

At A Glance

- Ultra Low Voltage Mobile Intel Pentium III 700 MHz-M
- 10.4-inch XGA display
- 2.5 lb/1.13 kg weight with one battery
- 0.83 in/2.11 cm thin
- 192 MB SDRAM standard (100 MHz)
- 20 GB user removable SMART hard drives
- Integrated Mini PCI modem/NIC combo
- 90% keyboard
- Microsoft Windows XP Professional Edition or, Microsoft Windows 2000
- Includes a One-year, Worldwide Warranty—Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's Special

- Ultra Thin and lightweight design
- Ultra Low Voltage Processor
- Magnesium system enclosure
- Common MultiBay with optional MEU
- Dual battery support
- Exceptional battery life
- Ease of connectivity

1. Secondary Battery Connectors
2. Suspend/Resume Button
3. Security Cable Slot
4. PC Card Slot
5. Microphone
6. AC Power Connector
7. LEDs (6)
8. Easy Access Internet Buttons
9. 90% Keyboard
10. Audio In/Out
11. TouchPad Pointing Device
12. Internal Lithium Ion Polymer Battery
13. IrDA Port
14. Power (On/Off)
15. Rear System Ports (RJ45, RJ11, VGA, MEU Connector, 2 USB)
16. Color Display

COMPAQ

QuickSpecs

Standard Features

Processor and Panel	700 MHz-M on Ultra low voltage Mobile Intel Pentium III processor with 512 KB L2 cache
	10.4-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	NOTE: Mobile Intel Pentium III processors support enhanced Intel SpeedStep™ technology.

Memory	Standard/Maximum 192 MB 100-MHz SDRAM (128-MB SODIMM in slot 1 and 64 MB on board)
	NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.

Communications	Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo
	Optional Compaq 56 K (V.90) Modem plus Intel PRO/100+ NIC with IPSec (Internet Protocol Security)
	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.
	NOTE: Modem availability is subject to country regulatory approval.

Keyboard	90% 102-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 (ex: FN+F6), toggle between internal and external, or simultaneous displays, battery gauge, speaker volume control and brightness.
	NOTE: Key pitch is 16 mm vertical and 17 mm horizontal, and key stroke is 2 mm.

Easy Access Internet Buttons	The *Evo*™ Notebook N200 comes with four Easy Access Buttons designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, files, or applications.

Pointing Device	Touchpad

PC Card Slots	One Type II PC Card Slot which support both 32-bit CardBus and 16-bit PC Cards

Storage	Diskette Drives*	Optional Floppy Drive
	Optical Drives*	DVD/CD-RW combo Drive
		CD-RW Drive
		DVD-ROM Drive
		CD-ROM Drive
	Hard Drives	20-GB SMART Hard Drive
	NOTE: * = Requires optional Mobile Expansion Unit (MEU).	

QuickSpecs

Standard Features

Multimedia	Integrated 16-bit Stereo Sound
	Integrated mono speaker and microphone
	Headphone-out
	Microphone in
	Software MPEG1 support, MPEG2 and DVD
	CD-RW Drive (optional, with MEU only)
	8X DVD-ROM Drive with movie playback software (optional, with MEU only)
	24X CD-ROM Drive (optional, with MEU only)
	PCI Graphics support
	4MB SGRAM

Interfaces	PC Card	1 (Type II)
	USB	2
	DC Power	1
	RJ-45 (NIC)	1
	RJ-11 (modem)	1
	Headphone/Line-out	1
	Microphone in	1
	MEU Connector	1
	LED status indicators	6
	VGA/External Monitor	1
	Infrared Port	1 (4 Mb/s support)
		(IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)

Graphics	ATI Mobility L with 4 MB SGRAM

Display (External)	Supports 1280 x 1024 @ 100 Hz refresh for single display mode operation.

Display (Internal)	10.4-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)

Operating System	Microsoft Windows XP Professional Edition* or Microsoft Windows 2000 preinstalled
	NOTE: * = Available December '01 on select models.

Software	Fax Central for Microsoft Windows 2000
	Diagnostics for Microsoft Windows 2000
	DVD Playback Software (with optional MEU)
	Safety and Comfort Guide
	Reference Guide

System Recovery	Each unit is shipped with a CD kit for quick recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)

Security	Configuration Control Hardware
	Set-up Password
	Power-On Password
	DriveLock
	Support for PC Card SmartCard and Biometric options

Power Supply	External AC adapter, 6-foot/1.8-meter power cord included. Total length including External AC adapter is 12-feet/3.66-meter

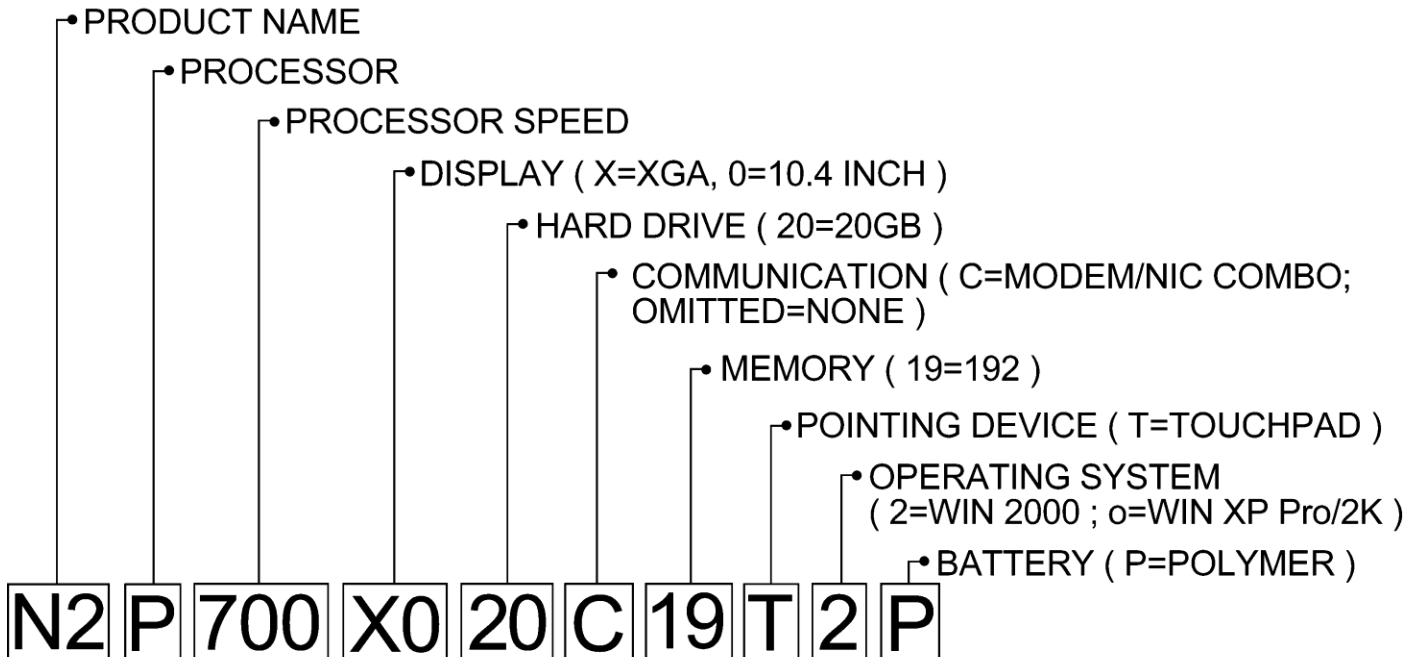# *QuickSpecs*

Standard Features

Battery	The *Evo* Notebook N200 provides 2.5 hours of battery life using the standard 6-cell Lithium-Ion polymer battery. With the additional 4-cell external battery installed, battery life may be increased to 6.5 hours.
	NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 2:30 (hr:min) were achieved running the eTesting Labs Inc.'s BatteryMark™ Test version 4.0.1 on a N200 with an Ultra Low Voltage Intel Pentium III 700 MHz-M CPU, 10.4-inch XGA panel, 192 MB RAM, 20-GB HDD, 6-cell Li-polymer battery, and combination NIC/modem. System parameters were set according to eTesting Labs' recommendations: panel brightness 50%, hard drive standby and video idle time three minutes, Intel SpeedStep battery optimized mode.
	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.
Power Conservation	Support enhanced Intel SpeedStep Technology (Allows a Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)
	Hibernation
	Instant-on via Standby
	One custom level of power conservation
	ACPI compliant
MultiBay Devices	MultiBay devices may be swapped in the system docked to the MEU powered on (hot) or in suspend mode (warm) under Microsoft Windows 2000 (except MultiBay Zip drive or MultiBay secondary hard drive). MultiBay devices can be swapped with system power off under any supported operating system.
Service and Support	Compaq Services includes a One-year, Worldwide Limited Warranty, pick-up or carry-in, upgrade to on-site warranty or additional Two-year warranty available, and toll-free 7 x 24 hardware technical phone support.
	NOTE: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

QuickSpecs

Standard Features

Naming Convention   The Etymology of a Model name:

- •PRODUCT NAME
- •PROCESSOR
- •PROCESSOR SPEED
- •DISPLAY (X=XGA, 0=10.4 INCH)
- •HARD DRIVE (20=20GB)
- •COMMUNICATION (C=MODEM/NIC COMBO; OMITTED=NONE)
- •MEMORY (19=192)
- •POINTING DEVICE (T=TOUCHPAD)
- •OPERATING SYSTEM (2=WIN 2000 ; o=WIN XP Pro/2K)
- •BATTERY (P=POLYMER)

| N2 | P | 700 | X0 | 20 | C | 19 | T | 2 | P |

QuickSpecs

Standard Features

Models

N2P700X020C19T2P *P/N*		
	Display	10.4-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Processor	700 MHz-M on Intel Ultra Low Voltage Mobile Pentium III processor
	Cache Memory	512 KB, L2 Cache
	Memory	Standard/Maximum 192 MB SDRAM
	Optical Drive	N/A
	Hard Drive	20-GB SMART
	Communications	Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility L, with 4 MB SGRAM
	Audio	16-bit SoundBlaster Pro compatible
	Operating System	Microsoft Windows 2000
	Pointing Device	Touchpad
N2P700X020C19ToP *P/N*		
	Display	10.4-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Processor	700 MHz-M on Intel Ultra Low Voltage Mobile Pentium III processor
	Cache Memory	512 KB, L2 Cache
	Memory	Standard/Maximum 192 MB SDRAM
	Optical Drive	N/A
	Hard Drive	20-GB SMART
	Communications	Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility L, with 4 MB SGRAM
	Audio	16-bit SoundBlaster Pro compatible
	Operating System	Microsoft Windows XP Pro/Microsoft Windows 2000
	Pointing Device	Touchpad

QuickSpecs

Compaq *Evo* Notebook N200

Standard Features

			Pentium III-700 MHz-M ULV 10.4-inch TFT 192 MB 20-GB Combo Microsoft Windows 2000	Pentium III-700 MHz-M ULV 10.4-inch TFT 192 MB 20-GB Combo Microsoft Windows XP Pro/Microsoft Windows 2000
NORTH AMERICA				
	US	N2P700X020C19T2P	470019-385	
		N2P700X020C19ToP		470026-715
	Fr Canada	N2P700X020C19T2P	470019-386	
		N2P700X020C19ToP		470026-718
EUROPE/MIDDLE EAST/AFRICA				
	Belgium-FR/NL/US	N2P700X020C19T2P	470019-387	
	Czech Republic	N2P700X020C19T2P	470019-388	
	Denmark	N2P700X020C19T2P	470019-389	
	Euro	N2P700X020C19T2P	470019-390	
		N2P700X020C19ToP		470026-719
	France	N2P700X020C19T2P	470019-391	
		N2P700X020C19ToP		470026-720
	Germany	N2P700X020C19T2P	470019-393	
		N2P700X020C19ToP		470026-721
	Greece/Poland	N2P700X020C19T2P	470019-514	
	Hungary	N2P700X020C19T2P	470019-394	
	Israel	N2P700X020C19T2P	470019-395	
	Italy	N2P700X020C19T2P	470019-396	
		N2P700X020C19ToP		470026-722
	Middle East	N2P700X020C19T2P	470019-397	
	Netherlands	N2P700X020C19T2P	470019-398	
	Norway	N2P700X020C19T2P	470019-399	
	Portugal	N2P700X020C19T2P	470019-400	
	Russian	N2P700X020C19T2P	470019-402	
	Slovak, Slovenian	N2P700X020C19T2P	470019-404	
	Spain	N2P700X020C19T2P	470019-401	
		N2P700X020C19ToP		470026-723
	Sweden/Finland	N2P700X020C19T2P	470019-403	
	Swiss 1-FR/GR/US	N2P700X020C19T2P	470019-405	
		N2P700X020C19ToP		470026-752
	Swiss 2-FR/GR/IT	N2P700X020C19T2P	470019-406	
		N2P700X020C19ToP		470026-753
	Turkey	N2P700X020C19T2P	470019-409	
	UK	N2P700X020C19T2P	470019-410	
		N2P700X020C19ToP		470026-724
CKK				
	Japan-Jpn	N2P700X020C19T2P	470019-412	
		N2P700X020C19ToP		470026-725
	Japan-Eng	N2P700X020C19T2P	470019-413	
		N2P700X020C19ToP		470026-726

QuickSpecs

Standard Features

				Pentium III-700 MHz-M ULV 10.4-inch TFT 192 MB 20-GB Combo Microsoft Windows 2000	Pentium III-700 MHz-M ULV 10.4-inch TFT 192 MB 20-GB Combo Microsoft Windows XP Pro
LATIN AMERICA					
	LTNA	N2P700X020C19T2P		470019-415	
		N2P700X020C19ToP			470026-727
	BRAZIL	N2P700X020C19T2P		470019-417	
ASIA PACIFIC					
	APD	N2P700X020C19T2P		470019-418	
		N2P700X020C19ToP			470026-728
	APD - THAI	N2P700X020C19T2P			
	Australia	N2P700X020C19T2P		470019-420	
		N2P700X020C19ToP			470026-729
GREATER CHINA					
	PRC	N2P700X020C19T2P		470019-531	
	Taiwan	N2P700X020C19T2P		470019-422	
	Hong Kong	N2P700X020C19T2P		470019-424	
	Korea	N2P700X020C19T2P		470019-429	

QuickSpecs

Options

Expansion	Mobile Expansion Unit – CD	231492-B21
	Mobile Expansion Unit – DVD	231493-B21
	Mobile Expansion Unit – CD-RW	231494-B21
Monitors	TFT8030 Flat Panel Color 18-inch (carbon/silver)	243362-xxx
	TFT7020 Flat Panel Color 17-inch with integrated speakers (carbon/silver)	253217-xxx
	TFT5015 Flat Panel Color 15-inch (carbon/silver)	234044-xxx
	TFT5030 Flat Panel Color 15-inch (carbon/silver)	228134-xxx
	V720 17-inch CRT (carbon/silver)	232944-001
	S720 17-inch CRT (carbon/silver)	239287-001
	V570 15-inch CRT (carbon/silver)	228113-001
MultiBay Hard Drives	30-GB SMART Hard Drive	212791-B25
	20-GB SMART Hard Drive	212790-B25
MultiBay Storage Devices *(Optional MEU Required)*	DVD/CD-RW Combo Drive	237184-B25
	CD-RW Drive	136186-B25
	8X DVD-ROM Drive	138320-B25
	24X CD-ROM Drive	298452-B25
	Floppy Drive	226935-B25
	Iomega Zip 250 Drive	217387-B25
Other Storage Devices	IBM 1GB Microdrive (PC card Device)	217390-B25
	USB Disk-on-Key	249552-B25
	USB Floppy drive	230330-B25
Connectivity	Compaq M420 56K Global Modem	317900-001
	10/100 TX PC Card UTP Controller	335506-B21
	56K V.90 modem and 10/100 NIC IPSEC	225638-001
Wireless Connectivity	Compaq WL100 11 Mbps Wireless LAN PC Card	233814-xx1
	Compaq WL400 11 Mbps Wireless LAN Hardware Access Point	146927-001
	Compaq WL Software Access Point 11Mbps	158603-001

NOTE: For more information on Compaq WLAN Wireless LAN solutions visit:
http://www.compaq.com/products/wlan/wl100-specifications.html

NOTE: This website is available in English only.

Power	Primary Battery	258940-B25
	External Battery (4-cells)	244389-B25
Common Power Solutions	*Armada*™ **E500**, *Armada* **M300 and** *Evo* **Notebook N200,** *Evo* **Notebook N400c, and** *Evo* **Notebook N600c**	
	AC Adapter 50W	120765-xx1
	Auto Power Adapter/Charger	401043-B25
	Aircraft Power Adapter	386504-B21
	AC Line Cord (10 ft/3.1 m)	217932-xx2

QuickSpecs

Options

Input Devices	External Enhanced III Keyboard (carbon – PS/2)*	118003-008
	Compaq 2 Button Mouse (carbon – PS/2)*	103180-B21
	USB 2 Button Scroll Mouse (carbon)	195255-B25
	External 10-Key Numeric Keypad (carbon – PS/2)*	294317-B21
	USB EZ Access Keyboard	222726-xx8
	NOTE: * = Item requires optional MEU.	

Security	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25
	Biometrics PC Card	146805-B25

Useful Accessories	MP1400 Microportable Projector	174626-xx1
	MP1800 Microportable Projector	180226-xx1
	MP2800 Microportable Projector	180228-xx1
	MP1600 Video Adapter	116298-001
	MP1600 Lamp replacement kit	118052-001
	MP1800/1400 Lamp replacement kit	189789-001
	MP2800 Lamp replacement kit	215464-001

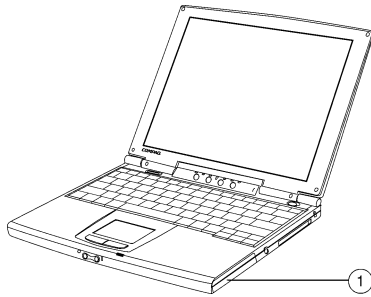| Carrying Cases	*Evo Notebook N200 specific*	
	Compaq *Evo* Notebook N200 Portfolio Case	259396-B25
	Compaq Value Case	294266-B21
	Compaq Workstation Case	294267-B21
	Compaq Global Case	294268-B21
	Compaq Professional Case (nylon)	401366-B21
	Compaq Professional Case (leather)	401367-B21
	Armada M300, Evo Notebook N600c and Evo Notebook N400c specific	
	Compaq M Series Portfolio Case	167337-B21
	Compaq Ultralight Case	167336-B21
	NOTE: For additional Compaq Brand cases, visit http://www.compaq.com/products/notebooks/.	

QuickSpecs

Memory

Compaq *Evo* Notebook N200

STANDARD MEMORY

Memory onboard	Slot 1	Total
64 MB	128 MB	192 MB

QuickSpecs

Storage

1.   User Removable Hard Drive

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Bay Supported
20-GB SMART Hard Drive	1	Dedicated hard drive bay

QuickSpecs

Technical Specifications

System Unit	Dimensions (H x W x D)	10.4-inch TFT panel display	0.83 x 9.9 x 7.83 in/2.11 x 25.15 x 19.88 cm
	Weight	10.4-inch LCD, HDD, SODIMM, Battery	2.5 lb/1.13 kg
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion Polymer)	11.1V (6-cell)
		Average Operating Power	10W
		Peak Operating Power	25W
		Power in suspend mode	290 Milliwatts
		Power in hibernation mode	8.32 Milliwatts
	Power Supply	Rated Input Voltage	90 to 264 VAC (auto-switching)
		Rated Input Current	1.5 A RMS
		Rated Frequency	47 to 63 Hz
	Temperature	Operating	50° to 95°F/10° to 35°C
		Non-operating	–4° to 140°F/–20° to 60°C
	Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 95% relative humidity, 101.6°F/38.7°C Maximum wetbulb 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, 0.25 oct/min sweep rate
		Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min sweep rate
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft (0 to 3,048 m)
		Non-operating	0 to 30,000 ft (0 to 9,144 m)

10.4-Inch Color TFT XGA Display	Dimensions (H x W)	9.29 x 6.82 in/23.6 x 17.3 cm	
	Diagonal Size	10.4 in/26.41 cm	
	Mounting	Internal Panel Supports, Flange Mounted	
	Number of Colors	Up to 16.8M	
	Contrast Ratio	150:1	
	Brightness	120nt typ	
	Pixel Resolution	Pitch	0.264 x 0.264 mm
		Format	1024 x 768
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	3.75W	

QuickSpecs

Technical Specifications

Hard Drives

20 GB	MultiBay Drive Adapter	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.15 lb/70g
	Drive Weight	0.21 lb/95 g	
	Capacity	20 GB	
	Height	0.374 in/0.95 cm /1.25 cm	
	Width	2.75 in/7 cm	
	Interface	ATA-5	
	Transfer Rate	Synchronous (maximum)	33MB/s
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track	2.5 ms
		Average	12 ms
		Maximum	23 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	~ 39,070,080	
	Operating Temperature	41° to 131°F/5° to 55°C	

External AC Adapter

	Dimensions (H x W x D)	1.10 x 1.57 x 3.70 in/2.8 x 4.0 x 9.4 cm	
	Weight	0.39 lb/0.18 kg	
	Power Supply (Input)	Operating Voltage	90 to 260 VAC RMS
		Operating Current	1.5 A RMS
		Operating Frequency Range	47 to 63 Hz AC
		Maximum Transient	4/50 kV

Li-Ion Polymer Battery Pack (6-cell)

	Dimensions (H x W x D)	5.73 x 3.85 x 0.57 in/14.5 x 9.7 x 1.4 cm	
	Weight	0.39 lb/0.18 kg	
	Energy	Nominal Voltage	11.1 V
		Amp-hour capacity	1.6 Ah
		Watt-hour capacity	17.2Wh
	Temperature	Operating	32° to 107.6°F/0° to 42°C
		Non-operating	−4° to 107.6°F/−20° to 60°C
	Battery Re-Charge Time	System in OFF mode or Standby	2:10 hours HH:MM
		System ON (depending of system power consumption)	2:10 hours HH:MM

QuickSpecs

Technical Specifications

Secondary Lithium Ion Battery Pack (4-cell)	Dimensions (H x W x D)	10.49 x 1.49 x 0.95 in/26.6 x 3.8 x 2.4 cm	
	Weight	0.5 lb/0.23 kg	
	Cells	4 Lithium Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	1.96Ah
		Watt-hour capacity	28.2 Wh
	Temperature	Operating	32° to 107.6°F/0° to 42°C
		Non-operating	−4° to 107.6°F/−20° to 60°C

MultiBay DVD/CD-RW Combo Drive	MultiBay Drive	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.55 lb/250 g
	Center Hole Diameter	15 mm	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	1.6 µm	
	Access Times (typical reads, including settling)	Random CD	< 120 ms
		Full-Stroke CD	< 175 ms
	Disk Diameter	Random DVD	< 140 ms
	Disk Thickness	Full-Stroke DVD	< 225 ms
	Audio Output Level	8X CLV minimum CD-ROM, CD-R, CD-RW Read	
	Cache Buffer	2 Mbytes (minimum)	
	Data Transfer Rate (typical, including settling)	CD-ROM, CD-R Read Speed	3600 KB/second
	Audio Output Level	DVD-ROM Read Speed	8100 KB/second
	Cache Buffer	CD-R, CD-RW Write Speeds	Sustained 600KB/s (4X CLV)
	Start-up Time	Single	< 7 seconds (typical)
		Multi-Session	< 30 seconds (typical)
	Stop Time	< 3 seconds (typical)	

QuickSpecs

Compaq *Evo* Notebook N200

Technical Specifications

MultiBay CD-RW Drive	MultiBay Drive	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.74 lb/335 g
	Center Hole Diameter	0.59 in/1.5 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	0.047 in/1.2 mm	
	Track Pitch	0.74 µm	
	Access Times (typical reads, including settling)	Random	< 150 ms
		Full-Stroke	< 225 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	Sustained (16X)	150 KB/s
		Sustained 4X CD-RW	5,520 KB/s
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 15 seconds	
	Stop Time	< 6 seconds	

MultiBay DVD-ROM Drive	MultiBay Drive	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.66 lb/300 g
	Center Hole Diameter	0.59 in/1.5 cm	
	Disc Diameter	12 cm/8 cm	
	Disc Thickness	1.2 mm	
	Track Pitch	0.74 µm	
	Access Times (typical reads, including settling)	Random (typical)	< 180 ms DVD Media
		Full-Stroke (typical)	< 300 ms DVD Media
		Random (typical)	< 120 ms CD Media
		Full-Stroke (typical)	< 200 ms CD Media
	Cache Buffer	512 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	Max 24X CD	3600 KB/s (150 KB/s at 1X CD rate)
		Max 8X DVD	10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 12 seconds	
	Stop Time	< 3 seconds	

QuickSpecs

Technical Specifications

MultiBay 24X CD-ROM Drive	MultiBay Drive	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.50 lb/225 g
	Applicable Disk	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	
	Center Hole Diameter	0.59 in/15 mm	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	1.6 µm	
	Access Times (typical reads, including settling)	Random	< 150 ms
		Full-Stroke	< 300 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB	
	Data Transfer Rate (typical, including settling)	Sustained (16X)	150 KB/s (sustained 1X)
		Variable	1500 to 3600 KB/s (10X to 24X)
		Normal PIO Mode 4 (single burst)	16.66 MB/s
	Start-up Time	< 8 seconds	
	Stop Time	< 4 secconds	

MultiBay Diskette Drive	MultiBay Drive	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.51 lb/230 g
	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

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Technical Specifications

MultiBay SuperDisk 2X LS-120 Drive	MultiBay	Dimensions (H x W x D)	0.5 x 5.21 x 4.97 in/1.27 x 13.25 x 12.61 cm
		Weight	0.61 lb/276 g
	Maximum Transfer Rate	From Disk 896 KB/s	
		Sustained: 375 to 900 KB/s	
	120 MB Physical Format	Number of Heads: 2	
		Bytes per Sector: 512	
		Sectors per Track: 51 to 92	
		Zones/Side: 55	
		Data Tracks per Side: 1736	
		Servo Tracks: 900	
		Sector Interleave: 1:1	
	Access Times (including setting)	Track–to–track: 20 ms	
		Average: 70 ms	
		Latency Average: 41.67	
	Operating Conditions	Temperature: 41° to 131°F/5° to 55°C	
		Humidity: 10% to 80% RH	
	Operating System Support	Microsoft Windows 95, Microsoft Windows NT 4.0	
	Option Kit Contents	LS-120 Drive, 17 mm MultiBay Adapter, Software, Documentation	

NOTE: Drivers for the LS-120 Drive are standard in Microsoft Windows 95/OSR2, Microsoft Windows NT 3.51/SP5, and Microsoft Windows NT 4.0. Use the LS-120 Option Support Diskette (included in option kit) with earlier releases of Microsoft Windows 95 and NT 3.51.

MultiBay Iomega Zip 250 Drive	MultiBay	Dimensions (H x W x D)	5.26 x 5.24 x 5.71 in/13.35 x 13.3 x 14.5 cm
		Weight	9.8 oz/278 g or Xg
	Transfer Rates	250 Media: 1200 to 2400 KB/s	
		100 Media: 138 to 1400 KB/s	
	Access Times (including setting)	Track–to–track: 5 ms	
		Average: 40 ms	
		Latency Average: 10 ms	
		Maximum: 70 ms	
	Operating Conditions	Temperature: 41° to 124.7°F/5° to 51.5°C	
		Humidity: 10% to 80% RH	
	Operating System Support	Microsoft Windows 95, 98, Microsoft Windows NT 4.0, Microsoft Windows 2000, Microsoft Windows Me	
	Option Kit Contents	Zip 250 Drive, Documentation	

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Technical Specifications

Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo	Form Factor	Mini-PCI Type 1B per Specification
	OS Support (with all released Service Packs)	Microsoft Windows 95 (OSR2.x), Microsoft Windows 98 SE (Gold, SE) Microsoft Windows NT4.0, Microsoft Windows 2000, DOS Application Support under Microsoft Windows
	Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Microsoft Windows NT
	Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
	Modem Device Driver Name	Compaq 56K (V.90) Mini PCI
	Data Mode Capabilities	V.90 (a-law, mu-law)
		K56flex (a-law, mu-law)
		V.8bis
		V.80
		V42.bis, MNP5 (Compression)
		V.42 (LAPM, MNP2-4) (Error Correction)
		V.34 (file date: 10/96)
		Optional symbol rates: 2800, 3429 Asymmetric Symbol rates
		Synchronous primary channel data signaling rates: 3600, 31200
		Automatic rate re-negotiation
		V.32bis
		V.32
		V.23
		V.22bis
		V.22
		V.21
		Bell 212A
		Bell 103J
	Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2

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Technical Specifications

Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo *(continued)*	Command Set	V.250 (Partial)
		TIA-602
		Identification: +GMI, +GMM, +GMR
		Port control: +IPR, +ICF, +IFC, + Iirr
		Modulation: +MS, +MR, +MA
		Error control: +ES, +ER, +EB, +ESR, +ETBM
		Data compression: +DS, +DR
		V.251

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