

Overview

What's New

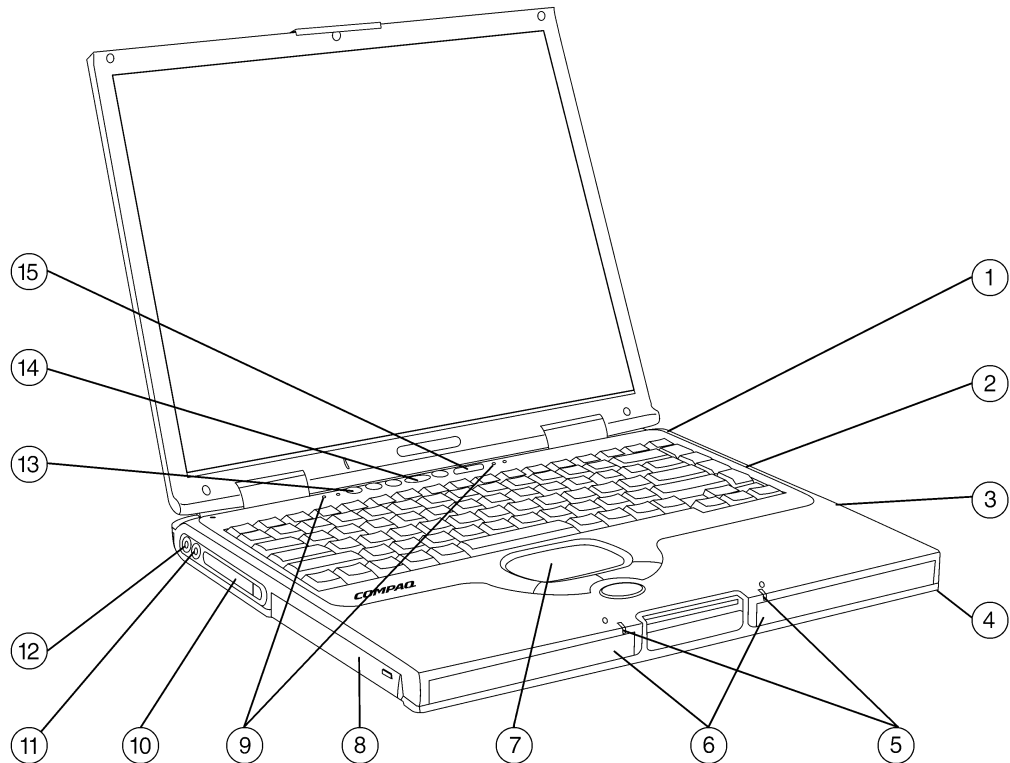
- Mobile Intel® Pentium® 4 processors – up to 1.8 GHz
- 400-MHz bus
- 4X AGP Graphics
- MultiPort wireless communication options
- Sophisticated design elements
- Choice of Touchpad or Dual Pointing Device

At A Glance

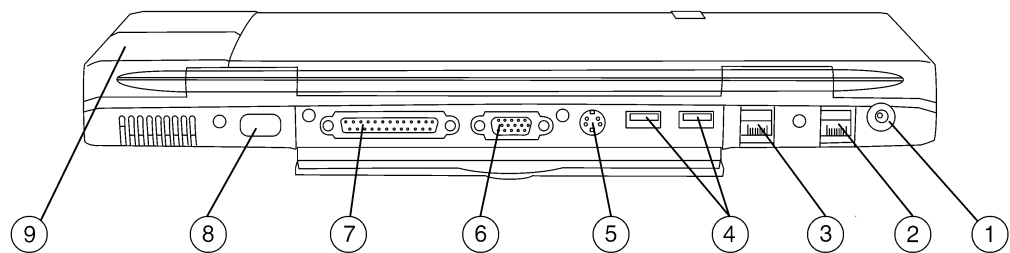
- Mobile Intel Pentium 4 processors – up to 1.8 GHz
- 15-inch XGA, SXGA+, UXGA and 14.1-inch XGA display
- Magnesium enclosure for the 15-inch panels.
- Configurations as light as 5.6 lb/2.54 kg weight (14-inch panel) 1.4 in/3.5 cm thin
- 256 MB DDR SDRAM (266 MHz), upgradeable to 1024 MB
- Up to 60 GB – 5400 rpm SMART hard drives
- Mini PCI modem and integrated NIC
- Full-size keyboard
- Microsoft® Windows® XP Pro and 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

- Thin and Light design
- The first Mobile Intel Pentium 4-M processor by Compaq.
- High-end graphics and large panel
- Latest USB interface
- Large hard drives
- Wireless features thru Award-Winning MultiPort



- | | |
|-----------------------------|-------------------------|
| 1. Kensington Lock | 8. MultiBay |
| 2. Air Vent | 9. Keyboard LEDs |
| 3. Hard Drive | 10. PC Card Slot (1) |
| 4. Battery | 11. Headphone |
| 5. System LEDs | 12. Audio In |
| 6. Stereo Speakers | 13. Easy Access Buttons |
| 7. Touch Pad + 4-way Scroll | 14. Power Button |
| | 15. Volume Control |



- | | |
|------------------|--------------|
| 1. DC In | 6. VGA |
| 2. RJ-45 | 7. Parallel |
| 3. RJ-11 | 8. Infrared |
| 4. USB Ports (2) | 9. MultiPort |
| 5. S-Video | |



Standard Features

Processor and Panel	<p>15-inch color TFT UXGA with 1600 x 1200 resolution (up to 16.7M colors internal) 15-inch color TFT SXGA+ with 1400 x 1050 resolution (up to 16.7M colors internal) 15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal) 14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)</p> <p><i>One of the following:</i></p> <p>1.6 GHz on Mobile Intel Pentium 4 processor-M with 512 KB L2 cache 1.7 GHz on Mobile Intel Pentium 4 processor-M with 512 KB L2 cache 1.8 GHz on Mobile Intel Pentium 4 processor-M with 512 KB L2 cache</p> <p>NOTE: Mobile Intel Pentium 4 processor-M supports enhanced Intel SpeedStep™ technology.</p>				
Memory	<p>Standard/Maximum 256-MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1) 1024-MB (266 MHz) DDR SDRAM (512 MB SODIMMs in slots 1 and 2)</p> <p>NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.</p>				
Communications	<p>10/100 NIC is integrated on the system board Type III Mini PCI 56K (V.92) modem</p> <p>NOTE: Designed only to allow faster downloads from V.92 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.</p> <p>NOTE: Modem availability is subject to country regulatory approval</p>				
Keyboard	<p>102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, toggle between internal and external, or simultaneous displays, and control brightness and contrast.</p>				
Easy Access Internet Buttons	<p>The Evo Notebook N800v comes with three Easy Access Buttons (EAB) designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, or default e-mail application. The EAB portion of the keyboard deck also includes dedicated hardware volume control and a quick-launch button for CD/DVD play.</p>				
Pointing Device	<p>Choice of touchpad with 4-way scroll or dual pointing devices (both pointstick and touchpad)</p>				
PC Card Slots	<p>One Type II PC Card Slot which support both 32-bit CardBus and 16-bit PC Cards</p>				
Storage	<table border="0"> <tr> <td data-bbox="511 1302 673 1333">Primary Hard Drive</td> <td data-bbox="795 1302 950 1365"> 30-GB 4200 RPM 20-GB 4200 RPM </td> </tr> <tr> <td data-bbox="511 1375 641 1407">Optical Drives</td> <td data-bbox="795 1375 950 1438"> DVD/CD-RW or DVD-ROM </td> </tr> </table>	Primary Hard Drive	30-GB 4200 RPM 20-GB 4200 RPM	Optical Drives	DVD/CD-RW or DVD-ROM
Primary Hard Drive	30-GB 4200 RPM 20-GB 4200 RPM				
Optical Drives	DVD/CD-RW or DVD-ROM				
Multimedia	<p>JBL Pro Speakers with bass reflex and 16-bit stereo sound Integrated microphone Dedicated hardware volume controls Headphone-out port Microphone in port Software MPEG1 support, MPEG2 and DVD DVD/CD-RW combination drive (on select models) DVD-ROM drive with movie playback software (on select models) CD-ROM drive (on select models) S-video port 4X AGP graphics 32-MB or 64-MB of VRAM</p>				

Standard Features

Interfaces	PC Card	One Type II
	Enhanced Parallel EPP/ECP	1 (can be used to connect external diskette drive)
	S-Video	1
	VGA	1
	Port Replicator	1
	Headphone/Line-out	1
	Microphone in	1
	DC Power	1
	RJ-11 (modem)	1
	RJ-45 (NIC)	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.)
	USB Port	2
LED status indicators	6	
Graphics	ATI Mobility Radeon 7500, 64-bit video graphics with 32- or 64-MB VRAM for increased color depth and graphics performance	
Display (External)	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1400 x 1050, 1600 x 1200, or 2048 x 1536 resolutions up to 160-Hz refresh rate, dependent upon monitor capability, resolution and color depth settings	
Display (Internal)	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal) 15-inch color TFT UXGA with 1600 x 1200 resolution (up to 16.7M colors internal) 15-inch color TFT SXGA+ with 1400 x 1050 resolution (up to 16.7M colors internal) 15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)	
Operating System	Microsoft Windows XP Pro or Microsoft Windows 2000 or XP Home (limited language availability) preinstalled	
Software	Diagnostics for Microsoft Windows DVD Playback Software Compaq Security Management Safety and Comfort Guide Acrobat Reader Reference Guide Compaq Easy Access Button Software Altiris eXpress™ Client Software	
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 Memory Change Alert Ownership Tag Set-up Password Power-On Password DriveLock Enabled for PC SmartCard options Kensington Lock	
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	

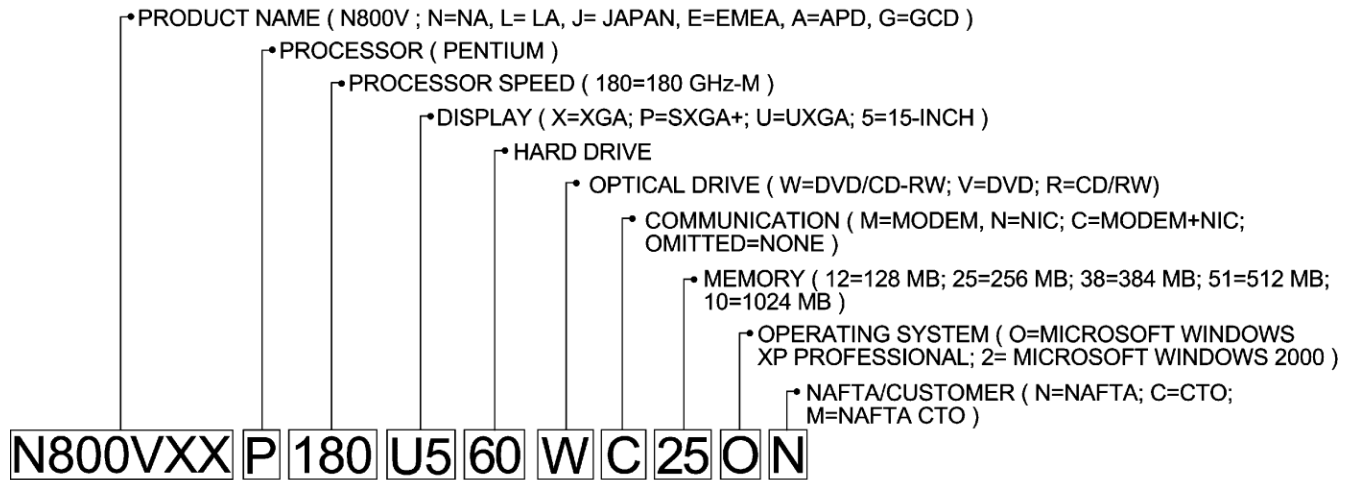
Standard Features

Battery	<p>The Evo Notebook N800v provides up to 4 hours of battery life using the standard 8-cell Lithium-Ion battery.</p> <p>NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 3: 30 (hr:min) were achieved running the eTesting Labs Inc.'s Business Wistone 2001 BatteryMark™ Test version 1.0 on a Notebook N800v with a Intel Pentium 4-M 1.7 GHz CPU, 15.1-inch UXGA panel, 256-MB RAM, 40-GB HDD, 8X DVD, 8-cell Lithium-Ion battery, and 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.</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	<p>Supports enhanced Intel SpeedStep™ Technology (allows a Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)</p> <p>Hibernation</p> <p>Instant-on via Standby</p> <p>Pop-ups with three presets</p> <p>One custom level of power conservation</p> <p>ACPI compliant</p>
MultiBay Devices	<p>MultiBay devices may be swapped with the system powered on (hot) under Microsoft Windows XP or Microsoft Windows 2000. MultiBay devices can be swapped with system power off under any supported operating system.</p>
MultiPort	<p>MultiPort is a flexible, innovative solution providing customers the ability to connect to their choice of wireless standards such as 802.11b or Bluetooth™. This can be achieved by simply changing out the high-performance wireless module, which is integrated into the top of the notebook. The award-winning MultiPort offers a cost effective means to migrate to future wireless standards as they become available.</p>
Docking	<p>NEW! Port Replicator and Advanced Port Replicator.</p>
Service and Support	<p>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.</p> <p>NOTE: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.</p>

Standard Features

Naming Convention

The Etymology of a Model name:



Standard Features

Models

N800VP160X420VC250	Display	14.1-inch color TFT XGA
	Processor	1.6 GHz-M on Mobile Intel Pentium® 4 processor
	Cache Memory	512 KB, L2 Cache
	Memory	Standard 256 MB (266 MHz) DDR SDRAM Maximum 1024 MB (266 MHz) DDR SDRAM
	Optical Drive	DVD-ROM
	Hard Drive	20-GB SMART
	Communications	Type III Mini PCI 56K (V.92) soft modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics
	Video Memory	32-MB VRAM
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound
	Operating System	Windows XP PRO
	Pointing Device	Touchpad

N800VP170X530VC250	Display	15-INCH COLOR TFT XGA
	Processor	1.7 GHz-M on Mobile Intel Pentium 4 processor
	Cache Memory	512 KB, L2 Cache
	Memory	Standard 256 MB (266 MHz) DDR SDRAM Maximum 1024 MB (266 MHz) DDR SDRAM
	Optical Drive	DVD-ROM
	Hard Drive	30-GB SMART
	Communications	Type III Mini PCI 56K (V.92) soft modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics
	Video Memory	32-MB VRAM
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound
	Operating System	Windows XP PRO
	Pointing Device	Touchpad

N800VP160X420VC250	Display	14.1-inch color TFT XGA
	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor
	Cache Memory	512 KB, L2 Cache
	Memory	Standard 256 MB (266 MHz) DDR SDRAM Maximum 1024 MB (266 MHz) DDR SDRAM
	Optical Drive	DVD-ROM
	Hard Drive	20-GB SMART
	Communications	Type III Mini PCI 56K (V.92) soft modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics
	Video Memory	32-MB VRAM
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound
	Operating System	Windows XP PRO
	Pointing Device	Touchpad

Standard Features

N800VP160X420VC250*Two-Year Warranty*

Display	14.1-inch color TFT XGA
Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor
Cache Memory	512 KB, L2 Cache
Memory	Standard 256 MB (266 MHz) DDR SDRAM Maximum 1024 MB (266 MHz) DDR SDRAM
Optical Drive	DVD-ROM
Hard Drive	20-GB SMART
Communications	Type III Mini PCI 56K (V.92) soft modem, (LOM) integrated 10/100 NIC
Graphics	ATI Mobility Radeon 7500, 64-bit video graphics
Video Memory	32-MB VRAM
Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound
Operating System	Windows XP PRO
Pointing Device	Touchpad

N800VP160X420VC250

Display	15-inch color TFT SXGA+
Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor
Cache Memory	512 KB, L2 Cache
Memory	Standard 256 MB (266 MHz) DDR SDRAM Maximum 1024 MB (266 MHz) DDR SDRAM
Optical Drive	DVD/CD-RW Combo
Hard Drive	30-GB SMART
Communications	Type III Mini PCI 56K (V.92) soft modem, (LOM) integrated 10/100 NIC
Graphics	ATI Mobility Radeon 7500, 64-bit video graphics
Video Memory	32-MB VRAM
Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound
Operating System	Windows XP PRO
Pointing Device	Touchpad

Standard Features

	P4 1.6 GHz	P4 1.7 GHz	P4 1.6 GHz	P4 1.6 GHz	P4 1.6 GHz
CPU	P4 1.6 GHz	P4 1.7 GHz	P4 1.6 GHz	P4 1.6 GHz	P4 1.6 GHz
LCD	14" XGA	15" XGA	14.0" XGA	14.0" XGA	15" SXGA+
Memory	256 MB	256 MB	256 MB	256 MB	256 MB
HDD	20 GB	30 GB	20 GB	20 GB	30 GB
Discrete Video Memory	32 MB	32 MB	32 MB	32 MB	32 MB
Optical/MultiBay	DVD	DVD	DVD	DVD	DVD/CD-RW Combo
Comm	Modem/NIC Combo	Modem/NIC Combo	Modem /NIC Combo	Modem /NIC Combo International (ROW)	Modem /NIC Combo International (ROW)
Input	Touchpad	Touchpad	Touchpad	Touchpad	Touchpad
OS	Win XP-Pro	Win XP-Pro	Win XP-Pro	Win XP-Pro	Win XP-Pro
Warranty	One-Year	One-Year	One-Year	Two-Year	One-Year
Model Name	N800VP160X420VC250	N800VP170X530VC250	N800VP160X420VC250	N800VP160X420VC250	N800VP160P530WC250
U.S.	470035-195	470035-202			
Fr Canada	470035-198	470035-200			
Arabia			470035-205		470035-757
Belgium			470035-207		470035-759
Czech Republic			470035-242		470035-760
Denmark			470035-246		470035-763
Europe Intl			470034-251		470035-768
France			470035-255		470035-770
Germany				470035-291	
Greece/Poland			470035-257		470035-771
Hungary			470035-261		470035-773
Israel (Hebrew)			470035-263		470035-774
Italy			470035-267		470035-776
Netherlands			470035-269		470035-778
Norway			470035-270		470035-779
Portugal			470035-272		470035-781
Russian			470035-273		470035-782
Slovenia			470035-275		470035-784
Spain			470035-277		470035-785
Sweden/Finland			470035-279		470035-787
Switzerland (GR/FR/IT)			470035-283		470035-788
Turkey			470035-286		470035-790
UK			470035-703		470035-791

Options

Memory	512-MB (266 MHz) DDR SDRAM Memory Upgrade	269087-B25
	256-MB (266 MHz) DDR SDRAM Memory Upgrade	269086-B25
	128-MB (266 MHz) DDR SDRAM Memory Upgrade	269085-B25
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-xxx
	S720 17-inch CRT (carbon/silver)	239287-xxx
	V570 15-inch CRT (carbon/silver)	228113-xxx
MultiBay Storage Devices	8X Combo DVD/CD-RW	260472-B25
	16X CD-RW	269088-B25
	8X CD-RW	136186-B25
	8X DVD Drive	138230-B25
	24X Max CD-ROM	298452-B25
	Diskette Drive	226935-B25
	Zip 250 Drive	217387-B25
MultiBay Hard Drives	30-GB Hard Disk Drive	212791-B25
	40-GB Hard Disk Drive	263472-B25
Other Storage Devices	IBM® 1 GB Microdrive™ (PC card Device)	217390-B25
	USB Disk-on-Key – 8 MB	249552-B25
	USB Diskette drive	230330-B25
Connectivity	Compaq Type III Mini PCI 56K (V.90) Modem	225640-B31
	Compaq M420 56K Global Modem	317900-001
	10/100 TX PC Card UTP Controller	335506-B21
	100BaseTX Ethernet Upgrade	225435-001
	1394 PC Card	232949-001
	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.	
Wireless Connectivity	802.11b MultiPort Wireless LAN module	233412-001
	Bluetooth MultiPort module	228057-B21
	Compaq WL110 Wireless LAN PC Card	191808-B21
	Compaq WL510 Wireless Enterprise Access Point	216709-001
	Compaq WL410 Wireless SMB Access Point	191811-001
	Compaq WL310 Home Office Access Point	191813-001
	Compaq Range Extender Antenna	230268-B21
	CDPD WWAN PC Card (U.S. Only)	238111-001

Options

Expansion Bases	Port Replicator	269095-xx1
	Advanced Port Replicator	269094-xx1
	External MultiBay	217388-001/002
	Advanced Port Replicator Monitor Stand	274407-B25
Power	Evo Notebook N800v 8-cell primary battery (4Ah)	278418-B25
Common Power Solutions	MultiBay Battery (8-cells)	265651-B25
	External Battery Charger	265603-xxx
	External Battery Charger (Multiple Battery)	265604-xx1
	AC Adapter 65W	265602-xxx
	Auto Power Adapter/Charger 65W	265649-B25
	Aircraft Power Adapter	386504-B21
	AC Line Cord (10-ft/3.1 m)	217932-xx2
Input Devices	External Enhanced III Keyboard (carbon)	118003-008
	Compaq 2 Button Mouse (carbon) *	103180-B21
	USB 2 Button Scroll Mouse (carbon)	195255-B25
	External 10-Key Numeric Keypad (carbon) *	294317-B21
	USB EZ Access Keyboard	222726-xxx
	Wireless Keyboard and Mouse	251385-xx8
NOTE: * = Requires the Port Replicator or Advanced Port Replicator.		
Security	Biometric PC Card	146805-B25
	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25
Useful Accessories	Compaq iPAQ Microportable Projector MP1200	261966-xxx
	Compaq iPAQ Microportable Projector MP3800	262839-xxx
	Compaq iPAQ Microportable Projector MP4800	257524-xxx
	Lamp Module L20 for MP1200	266631-B24
	Lamp Module L30 for MP3800	266633-B24
	Home Theatre Kit HT150 for MP3800	292187-B24
	Carrying Case for MP1200	295731-B24
	Lamp Replacement Kit for MP1600	118052-001
	Lamp Module for MP1800, MP1400	189789-001
	Lamp Module for MP2800, MP2810	215464-001
	Home Theater Kit HT110 for MP1410	246161-001
	Multimedia Adapter & Remote Control Kit MMA110 for MP1410	246162-001
	Multimedia Adapter & Remote Control Kit for MP1400, MP1800	174963-001
	Deluxe Carrying Case for MP Series projectors	253364-001
	Lamp Module for MP1410, MP1810	253365-001
	Lamp Module L90 for MP4800	257892-001
	Home Theater Kit HT180 for MP1200, MP4800	281729-001
	CeilingMount Kit CM10 for MP1200, MP4800	281730-001
	hp digital projector sb21	L1510A
hp digital projector xb31	L1511A	

Options

Useful Accessories <i>(continued)</i>	Ceiling Mount Kit for xb31	L1513A
	M1-A to component/USB video cable for sb21, xb31	L1523A
	M1-D to DVI/USB cable for sb21, xb31	L1529A
	Lamp Module for sb21	L1515A
	Lamp Module for xb31	L1516A

Carrying Cases	Compaq Ultralight Case (nylon)	167336-B21
	Compaq Ultralight Case (leather)	242359-B25
	Compaq Plus Case	242360-B25
	Compaq Professional Case (nylon)	242361-B25
	Compaq Professional Case (leather)	242362-B25

Memory

Compaq Evo N800v

STANDARD MEMORY PLUS OPTIONAL MEMORY

Support for up to 1024-MB of DDR SDRAM memory is available with the installation of optional DDR SDRAM Memory Kits.

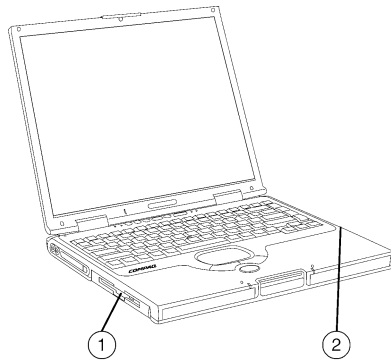
Memory	Slot 1	Slot 2
256 MB	256 MB	--
384 MB	256 MB	128 MB
512 MB	512 MB	--
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

NOTE: This chart does not represent all possible memory configurations. 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.

Following are memory options available from Compaq:

• 512-MB (266 MHz) DDR SDRAM Memory Upgrade	269087-B25
• 256-MB (266 MHz) DDR SDRAM Memory Upgrade	269086-B25
• 128-MB (266 MHz) DDR SDRAM Memory Upgrade	269085-B25

Storage



1. MultiBay
2. Primary Hard drive

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Bay Supported
Removable Media		
1.44-MB Diskette Drive	1	MultiBay
DVD/CD-RW Combo Drive	1	MultiBay
CD-RW Drive	1	MultiBay
DVD-ROM Drive	1	MultiBay
Max CD-ROM Drive	1	MultiBay
Zip 250 Drive	1	MultiBay
Super Disk 2X LS-120 Drive	1	MultiBay
Hard Drives		
60-GB SMART Hard Drive	1	Dedicated hard drive bay
40-GB SMART Hard Drive	1	Dedicated hard drive bay
30-GB SMART Hard Drive	1	Dedicated hard drive bay

Technical Specifications

System Unit	Dimensions (H x W x D)	15-inch and 14.1-inch TFT panel 1.4 x 12.9 x 10.5 in/3.6 x 32.8 x 26.7 cm displays
	Weight	14.1-inch LCD, weight saver, 1 SODIMM 5.82 lb/2.64 kg*
		15-inch LCD, weight saver, 1 SODIMM 6.00 lb/2.72 kg*
15-inch LCD, CD-RW, DVD or CD-ROM, 1 SODIMM 6.6 lb/2.98 kg*		
NOTE: * = Weight varies by configuration.		
Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.4 V (8-cell)
	Average Operating Power	15.8 W
	Peak Operating Power	38W
	Power in suspend mode	< 800 mW
	Power in hibernation mode	< 100 mW
Power Supply	Rated Input Voltage	90 to 264 VAC (auto-switching)
	Rated Input Current	< 60 W
	Rated Frequency	50 to 60 Hz
Temperature	Operating	50° to 95° F/10° to 35° C
	Non-operating	14° to 140° F/-10° to 60° C
Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
	Non-operating	5% to 90% 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)

Technical Specifications

14.1-Inch Color TFT XGA Display	Dimensions (H x W)	11.22 x 8.46 in/28.5 x 21.5 cm		
	Diagonal Size	14.1 in/35.81 cm		
	Mounting	Internal Panel Supports, Side 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	4.2 W			

15-Inch Color TFT UXGA Display	Dimensions (H x W)	11.8 x 9.0 in/30.4 x 22.8 cm		
	Diagonal Size	15.0 in/38.0 cm		
	Mounting	Internal Panel Supports, Side Mounted		
	Number of Colors	Up to 16.8M		
	Contrast Ratio	150:1		
	Brightness	140nt typ		
	Pixel Resolution	Pitch	0.191 x 0.191 mm	
		Format	1600 x 1200	
		Configuration	RGB stripe	
	Backlight	Edge Lit		
Character Display	80 x 25			
Total Power Consumption	6.5 W			

15-Inch Color TFT SXGA+ Display	Dimensions (H x W)	11.8 x 9.0 in/30.4 x 22.8 cm		
	Diagonal Size	15.0 in/38.0 cm		
	Mounting	Internal Panel Supports, Side Mounted		
	Number of Colors	Up to 16.8M		
	Contrast Ratio	150:1		
	Brightness	150nt typ		
	Pixel Resolution	Pitch	0.218264 x 0.218264 mm	
		Format	1280x 1024	
		Configuration	RGB stripe	
	Backlight	Edge Lit		
Character Display	80 x 25			
Total Power Consumption	5.75 W			

Technical Specifications

15-Inch Color TFT XGA Display	Dimensions (H x W)	11.8 x 9.0 in/30.4 x 22.8 cm		
	Diagonal Size	15.0 in/38.0 cm		
	Mounting	Internal Panel Supports, Side Mounted		
	Number of Colors	Up to 16.8M		
	Contrast Ratio	150:1		
	Brightness	150nt typ		
	Pixel Resolution	Pitch	0.297 x 0.297 mm	
		Format	1024 x 768	
		Configuration	RGB Stripe	
	Backlight	Edge Lit		
	Character Display	80 x 25		
Total Power Consumption	5.0 W			

Hard Drives

60-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/70 g	
	Drive Weight	0.21 lb/95 g		
	Capacity	60 GB		
	Height	0.374 in/0.95 cm		
	Width	2.75 in/6.99 cm		
	Interface	ATA-5		
	Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)	
		Security	ATA Security	
	Seek Time (typical reads, including settling)	Single Track	2.5 ms	
		Average	12 ms	
		Maximum	23 ms	
	Rotational Speed	5400 rpm		
	Logical Blocks	117,210,240		
	Operating Temperature	41° to 131° F/5° to 55° C		
Features	Security	ATA Security		

Technical Specifications

Hard Drives *(continued)*

40-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/70 g
Drive Weight	0.21 lb/95 g	
Capacity	40 GB	
Height	0.374 in/0.95 cm	
Width	2.75 in/6.99 cm	
Interface	ATA-5	
Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
	Security	ATA Security
Seek Time (typical reads, including settling)	Single Track	3.0 ms
	Average	13 ms
	Maximum	25 ms
Rotational Speed	4200 rpm	
Logical Blocks	78,140,160	
Operating Temperature	41° to 131° F/5° to 55° C	
Features	Security	ATA Security

30-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/70 g
Drive Weight	0.22 lb/99 g	
Capacity	30 GB	
Height	0.374 in/0.95 cm	
Width	2.75 in/6.99 cm	
Interface	ATA-5	
Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
	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	58,605,120	
Operating Temperature	41° to 131° F/5° to 55° C	

Technical Specifications

Hard Drives (continued)

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/70 g
Drive Weight		0.21 lb/95 g
Capacity		20 GB
Height		0.374 in/0.95 cm
Width		2.75 in/6.99 cm
Interface		ATA-5
Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
	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

8X 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	0.74 lb/0.34 kg
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)	CD-R (8X)	1200 KB/s (150 KB/s at 1X CD rate)
	CD-RW (8X)	1200 KB/s (150 KB/s at 1X CD rate)
	CD-ROM (24X)	3600 KB/s (150 KB/s at 1X CD rate)
	DVD (8X)	10,800 KB/s (1352 KB/s at 1X DVD rate)
	Normal PIO Mode 4 (single burst)	16.6 MB/s
Start-up Time		< 15 seconds
Stop Time		< 6 seconds

Technical Specifications

24X 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	0.74 lb/0.33 kg
	Center Hole Diameter	3.9 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	0.74 μ m	
	Access Times (typical reads, including settling)	Random CD	< 150 ms
		Full-Stroke CD	< 225 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB/s (minimum)	
	Data Transfer Rate (typical, including settling)	CD-R (24X)	3600 KB/s (150 KB/s at 1X CD rate)
		CD-RW (10X)	1500 KB/s (150 KB/s at 1X CD rate)
		CD-ROM (24X)	3600 KB/s (150 KB/s at 1X CD rate)
		DVD (8X)	10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 15 seconds	
Stop Time	< 6 seconds		
16X 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/0.33 kg
	Center Hole Diameter	1.5 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	0.74 μ m	
	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)	CD-R (16X)	2400 KB/s
		CD-RW (8X)	1200 KB/s
		CD-ROM (24X)	3600 KB/s
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	< 15 seconds	
	Stop Time	< 6 seconds	

Technical Specifications

8X 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/0.3 kg	
	Center Hole Diameter	1.5 cm		
	Disc Diameter	12 cm/8 cm		
	Disc Thickness	1.2 mm		
	Track Pitch	0.74 μ m		
	Access Times (typical reads, including settling)	Random (typical)	< 150 ms DVD Media	
		Full-Stroke (typical)	< 225 ms DVD Media	
		Random (typical)	< 110 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	< 10 seconds	Single Session CD-ROM	
Stop Time	< 3 seconds			
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/0.22 kg	
	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	15 mm		
	Disk Diameter	12 cm/8 cm		
	Disk Thickness	1.2 mm		
	Track Pitch	1.6 μ m		
	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)	2400 KB/s	
		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 seconds			

Technical Specifications

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	3.5in	
	Height	12.7mm	
	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
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
	External AC Adapter	Weight	0.6 lb/0.272 kg
Power Supply (Input)		Operating Watts	65
		Operating Voltage	110 to 240 VAC RMS
		Operating Current	1.7 A RMS
		Operating Frequency Range	47 to 63 Hz AC
		Maximum Transient	4/50 kV

Technical Specifications

Lithium-Ion Battery Pack (8-cell)	Dimensions (L x W x D)	4.95 x 3.46 x 0.80 in/12.5 x 8.8 x 2.0 cm		
	Weight	0.96 lb/0.43 kg		
	Energy	Voltage	14.8 V	
		Amp-hour capacity	Minimum 3.7 Ah Typical 3.9 Ah	
		Watt-hour capacity	Minimum 53.2 Wh Typical 56.1 Wh	
	Temperature	Operating	32° to 108° F/0° to 42° C	
Non-operating		32° to 140° F/0° to 60° C		
802.11b MultiPort Module	Form Factor	Compaq "MultiPort"		
	Weight	0.22 lb/100 g (maximum)		
	Operating Temperature	Operating	14° to 149° F/-10° to 65° C	
		Non-operating	-40° to 176° F/-40° to 80° C	
	Storage Temperature	Operating	10 to 90%	
		Non-operating	5 to 95%	
	Humidity	Operating	0 to 15,000 ft/4,572 m	
		Non-operating	0 to 40,000 ft/12,192 m	
	Altitude	Plug and Play		
		USB 1.1 compliant Microsoft Windows Plug and Play compliant		
	RF Network Standard	IEEE 802 Part 11b (802.11b)		
	Frequency Band	2,4000 to 2.4835 GHz		
		2,4465 to 2.4835 GHz (France)		
		2,4000 to 2,4697 GHz (Japan)		
	Number of Selectable Sub-channels	Worldwide Certification		
		United States (FCC)	11	
		France (FR)	4	
		Japan (JP)	14	
		Other countries	13	
	Data Rates	1, 2, 5.5, 11 Mbps		
	Antenna type	Internally integrated within module (with special polarization diversity)		
	WEP Security	64-bit encryption keys compliant to IEEE 802.11		
		128-bit encryption key compliant to IEEE 802.11		
		Ability to enter keys manually or via pass-phrase		
	Network Architecture Models	Ad-hoc (Peer to Peer)		
		Infrastructure (Access Points Required)		
	Modulation Technique	Direct Sequence Spread Spectrum DBPSK, DQPSK, CCK		
Receiver Sensitivity – Bit Error Rate (1E-5)	11 Mbps: -85 dBm			
	5.5 Mbps: -87 dBm			
	2 Mbps: -91 dBm			
	1 Mbps: -94 dBm			
Maximum Receive Level	-4 dBm			
Output Power (approximately)	18 dBm			
Operating Voltage	5V power operation			
Power Management	Keystroke Fn+F2 Power On/Off control			
Power Consumption	Transfer mode: < 600 mA, maximum			
	Receive mode: > 400 mA, maximum			
	Standby mode: > 1 mA, maximum			
Transmit Power	10 to 100mW			
	It is preferable to have the user configurable output power to save battery life for laptop users or in high AP coverage areas			

Technical Specifications

802.11b MultiPort Module <i>(continued)</i>	Power Saving Option	802.11 Compliant Power Saving Power Saving Mode selectable through the configuration utility ACPI compliant power management
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
	OS Support	Microsoft Windows 98/98SE Microsoft Windows 2000 Microsoft Windows Millennium
	Protocols Supported	TCP/IP IPX/SPX UDP
	Power Consumption	Transfer mode: < 600 mA, maximum Receive mode: > 400 mA, maximum Standby mode: > 1 mA, maximum
	Transmit Power	10 to 100mW It is preferable to have the user configurable output power to save battery life for laptop users or in high AP coverage areas
	LED Activity	Flashing LED – AP Search Mode Solid LED – On LED Off – Power Off

Throughput, Data Rate and Operating Distance	Throughput	Data Rate	Operating Distance
	> 4.5 Mbps	11 Mbps	<ul style="list-style-type: none"> • 1000 feet – Open sight • 100 feet – Closed space (Steel Space)
	> 2 Mbps	5.5 Mbps	<ul style="list-style-type: none"> • 1100 feet – Open sight • 200 feet – Closed space (Steel Space)
	> 700 Kbps	1 Mbps	<ul style="list-style-type: none"> • 1200 feet – Open sight • 300 feet – Closed space (Steel Space)

Bluetooth MultiPort Module	Form Factor	Compaq "MultiPort"		
	Bluetooth	1.1 Compliant		
	Dimensions	2.2 x 6.6 x 0.55 in/5.6 x 16.7 x 1.4 cm		
	Weight	0.22 lb/100 g (maximum)		
	Temperature	Operating	50° to 104° F/10° to 40° C	
		Non-operating	-4° to 140° F/-20° to 60° C	
	Humidity	Operating	10 to 90%	
		Non-operating	5 to 95%	
	Altitude	Operating	0 to 10,000 ft/3,048 m	
		Non-operating	0 to 30,000 ft/9,144 m	
	Plug and Play	USB 1.1 compliant		
		Microsoft Windows Plug and Play compliant		
	Frequency Band	2,4000 to 2.4835 GHz		
	Number of Available Channels	79 (1 MHz) available channels		
	Data Rates and throughput	1 Mbps		
Synchronous Connection Oriented links up to 3, 64 kbps, voice channels				
Asynchronous Connection Less links 723.2 kbps/57.6 kbps asymmetric or 433.9 kbps symmetric				
Antenna type	Internally integrated within module (with special polarization diversity)			
Range	328 ft/100 m			

Technical Specifications

Bluetooth MultiPort Module (continued)	Profile Support	General Access Profile
		Service Discovery Application Profile
		Serial Port Profile
		Generic Object Exchange Profile
		File Transfer Profile
		Synchronization Profile
		Dial-Up Networking Profile
		LAN Access Profile
		Object Push Profile
		Usage Models
Synchronization: PDAs to PCs Portable to Desktop		
File Transfer: File and directory browsing and navigation on another Bluetooth device. File copying Object manipulation – including add, delete, create new folders etc. Wireless link to Corporate LAN using several Bluetooth devices sharing the same		
Access Point: Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP Wireless link to WAN thru cell phone GSM/SMS, PCS, PHS, DECT, RAM, ARDIS, CDPD, etc. Agnostic to WAN technology Send/receive SMS messages Wireless link to Printer Adhoc peer to peer networking (two computers) or Personal Area Networking (PAN) using NDIS (< 7 computers) Adhoc Bluetooth Pico-networking (point to multi-point) Object Push – Business card or appointment exchange		
Transmit Power	< 20 dBm (Bluetooth Class 1)	
Receive Sensitivity	Better than –70 dBm at 0.1 % raw bit error rate	
Link Topology	Point to Point, Multipoint Pico Nets up to 7 slaves	
Security	Full support of Bluetooth Security Provisions	
Network Architecture Models	Ad-hoc (Peer to Peer)	
	Infrastructure (Access Points Required)	
Power Requirement	Peak < 1500 mW	
	Average < 500 mW	
	Standby < 250 mW	
Power Management	Microsoft Windows ACPI, and USB Bus Support Keystrokes Fn+F2 Power On/Off control	
	Self configurable to optimize power conservation in all operating modes, including Standby, Hold, Park, and Sniff	
OS Support	Microsoft Windows XP Professional	
	Microsoft Windows 2000	
	Microsoft Windows 98/98SE	
	Microsoft Windows Millennium	
Protocols Supported	TCP/IP	
	IPX/SPX	
	UDP	
LED Activity	Solid Blue LED – On	
	LED Off – Power Off	
Certifications	All necessary regulatory approvals for countries we support including FCC (47 CFR) Part 15C, Section 15.247 & 15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL, CSA, and CE Mark	

Technical Specifications

Type III Mini PCI 56K (V.92) Modem	Form Factor	Mini-PCI Type III per Specification
	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
	Data Mode Capabilities	V.92 (a-law,mu-law) V.90 (a-law, mu-law) V.8bis V.80 V.44 bis, MNP5 (compression) 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	
Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control: +IPR, +ICF, +IFC, +LIRR Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251	

Technical Specifications

Integrated 10/100 NIC	NIC Device Driver Name	Intel PRO/100 P Mobile Combo Adapter
	Data Link Layers	IEEE 802.2 LLC
		SNAP
	Ethernet Features	10 Mbps Ethernet: IEEE 802.3 standard 10BASE-T
		100 Mbps Ethernet: IEEE 802.3u standard 100BASE-TX
		Full Duplex at 10 and 100Mbps
		Auto-Negotiation
		Wake on LAN from all power managed states, including soft off (S5)
		Boot on LAN from OFF
		Lower Power State on Link Loss
	Software support	IBM LAN Server Version 1.2, 1.3, 2.0, 4.0
		Microsoft NT 3.51, NT 4.0. Microsoft Windows 2000
		Novell® Netware® 3.1x, 4.x, 5.x
	Protocol support	TCP/IP
		Novell IPX/SPX and Microsoft compatible
Novel IPX ODI		
Microsoft NetBEUI		
IBM DLC		

Compaq PCs use genuine Microsoft® Windows®

<http://www.microsoft.com/piracy/howtotell>

©2002 Compaq Information Technologies Group, L.P. All rights reserved. Compaq, the Compaq logo, Evo, and Armada are registered trademarks or trademarks of Compaq Information Technologies Group, L.P. in the U.S. and/or other countries. Microsoft and Windows NT are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. Pentium, the Intel Inside Logo, and SpeedStep are registered trademarks or trademarks of Intel Corporation in the U.S. and/or other countries. Novell and Netware are registered trademarks or trademarks of Novell Inc., in the U.S. and/or other countries. Bluetooth is a trademark of Bluetooth SIG, Inc., in the U.S. and other countries. IBM and Microdrive are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., and affiliate of eTesting Labs Inc., in the U.S. and other countries. Altiris express is a trademark of Altiris, Inc. in the U.S. and/or other countries. All other product names mentioned herein may be trademarks of their respective companies.

Compaq shall not be liable for technical or editorial errors or omissions contained herein. The information is provided "as is" without warranty of any kind and is subject to change without notice. The warranties for Compaq products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty.