Overview

What's New

- Mobile Intel® Pentium® III 1.2 GHz-M processor with SpeedStep™ technology
- 133-MHz Front Side Bus
- ATI Mobility Radeon with 16-MB DDR SDRAM
- USB 2.0
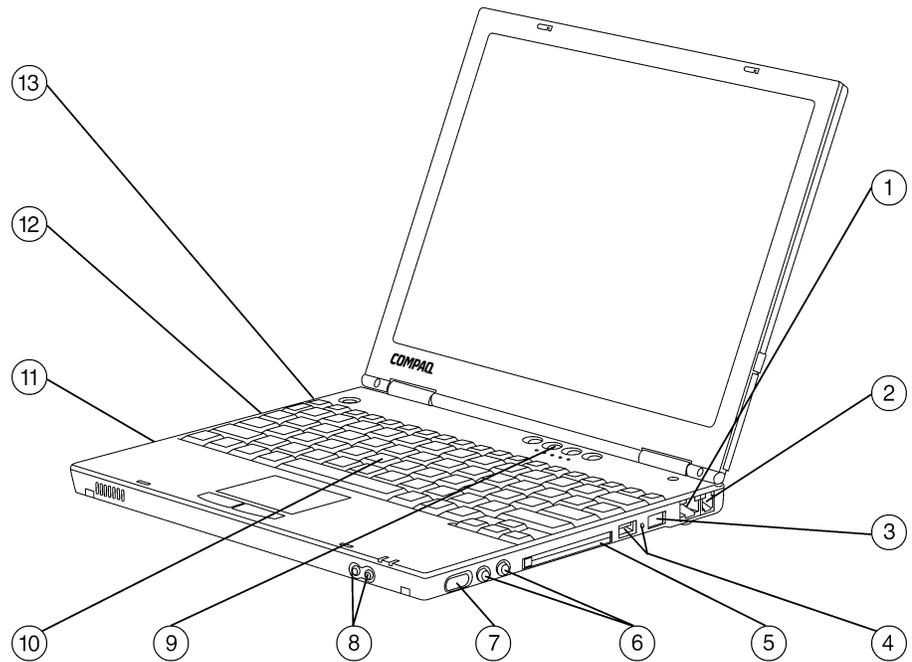- Optional External MultiBay

At A Glance

- Weighs only 3.5 lb/1.59 kg
- Less than 1 in/2.3 cm thin
- 12.1-inch XGA TFT display
- 256-MB SDRAM upgradeable to 1024 MB
- 30-GB User removable SMART hard drive
- Integrated mini PCI 56K V.90/V.92 modem plus 10/100 NIC
- Complete set of system ports
- Microsoft® Windows® XP Professional Edition or Microsoft Windows 2000 preinstalled
- Protected by a Three-year, Worldwide Limited Warranty — certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.
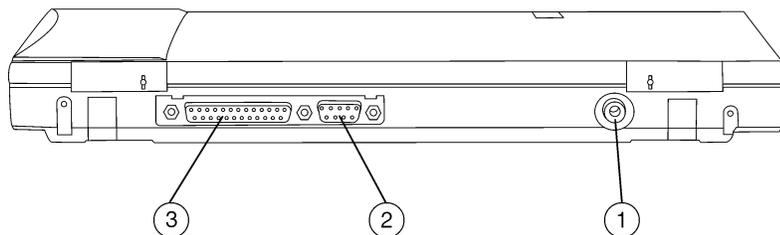
What's Special

- Ultra-light weight – 3.5 lb/1.59 kg
- Innovative MultiPort
- Full sized keyboard
- Support for up to four batteries *
- Self Powered external MultiBay, which provides a cost effective and travel friendly way to access MultiBay drives.
- Optional Mobile Expansion Unit providing Multimedia, NIC pass through, storage and enhanced security features
- Magnesium display enclosure
- Industry leading PC lifecycle solutions

NOTE: * = Requires optional MEU.

1. RJ-45 (NIC)	8. External Volume Controls
2. RJ-11 (Modem)	9. Easy Access Buttons
3. Infrared Port	10. Full Size Keyboard
4. Powered USB port for external MultiBay	11. Cable Lock Slot
5. PC Card Slot (1)	12. USB
6. Headphone/Microphone Jacks	13. VGA Out
7. Power	

1. TV Out	3. Parallel
2. Serial	

Standard Features

Processor	1.2-GHz-M Mobile Intel Pentium III processor with 133-MHz Front Side Bus and SpeedStep technology with 512-KB L2 cache 12.1-inch TFT XGA display with 1024 x 768 resolution up to 16.7 M colors	
Display	Internal	12.1-inch TFT XGA display with 1024 x 768 resolution up to 16.7 M colors
	NOTE: Mobile Intel Pentium processors featuring Intel SpeedStep technology, speed denotes maximum performance mode; battery optimization mode is approximately 80% of maximum performance mode.	
	External	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1280 x 1024, or 1600 x 1200 resolutions up to 100-Hz refresh rate, dependent upon monitor capability, and resolution and color depth settings
Memory	Standard 256-MB PC-133 SDRAM Maximum 1024-MB PC-133 SDRAM (with two slots) **NOTE**: 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.	
Communications	Type III Mini PCI 56K (V.90/V.92) modem plus 10/100 NIC Combo **NOTE**: Designed only to allow faster downloads from V.90/V.92 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. **NOTE**: Communication availability is subject to country regulatory approval.	
Keyboard	The 101/102-key desktop compatible keyboard features full size keys, isolated inverted-T cursor control keys, 6 editing keys, both left and right control and alt keys, and 12 function keys. The US layout has 84 keys and the International layout 85 keys. Other features include 19 mm x 19 mm standard key pitch (center-to-center spacing), 2.5 mm key stroke, 2 Windows keys, comfort-dished keycaps, bright key legends for improved visibility in low light conditions, an integrated numeric keypad, and hotkeys for instant access to power conservation, volume, display brightness, wireless on/off, and other controls.	
Easy Access Internet Buttons	The *Evo*™ Notebook N410c 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 that supports both 32-bit CardBus) and 16-bit PCMCIA Cards	
Storage	Diskette Drives	Optional Diskette Drive*
	Hard Drive	30-GB 4200 rpm SMART
	Optical Drives	24X/10X/24X/8X DVD/CD-RW combo Drive CD-R/ CD-RW/CD-ROM/DVD-ROM* 16X CD-RW Drive* 8X DVD-ROM Drive* 24X CD-ROM Drive*
	NOTE: * = Requires optional Mobile Expansion Unit (MEU) or external MultiBay.	

Standard Features

Multimedia	Compaq *Premier•Sound*™ for enhanced stereo audio (with optional MEU)
	Integrated 16-bit Sound Blaster Pro-compatible stereo audio
	Integrated speaker and microphone
	External volume controls
	Headphone-out
	Microphone in
	Software MPEG1 support
	DVD movie playback software
	8X DVD-ROM Drive with DVD movie playback*
	24X DVD/CD-RW Combo Drive*
	24X CD-ROM Drive*
	4X AGP graphics
	16-MB DDR SDRAM
	NOTE: * = Requires optional Mobile Expansion Unit (MEU) or external MultiBay.

Interfaces	MultiPort	1
	PC Card Slot	One Type II
	Enhanced Parallel Port EPP/ECP	1
	Serial Port	1
	External Monitor	1
	TV-out	1
	Headphone/Line-out	1
	Microphone in	1
	AC Power	1
	RJ-11 (modem)	1 (Model dependent)
	RJ-45 (NIC)	1 (Model dependent)
	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	7

| Graphics | ATI Mobility Radeon M6 with 16-MB DDR SDRAM |

Operating System	Microsoft Windows XP Professional Edition
One of the following	Microsoft Windows 2000
	NOTE: Driver support for Microsoft Windows 98 SE and Microsoft Windows NT® 4.0

Software	<u>Preinstalled</u>
	Diagnostics for Windows
	Compaq Easy Access Button Software
	Intel SpeedStep Technology Applet
	Compaq Help and Support (XP Only)
	Compaq Info Center (XP Only)
	<u>On CD</u>
	WinDVD 3.2 DVD Player (on DVD and DVD/CDRW models) (with optional MEU)
	Roxio Easy CD Creator 5 (on CDRW and DVD/CDRW models)(with optional MEU)
	Adobe Acrobat Reader
	Altiris eXpress™ Client Win32
	Compaq Management Agents
	Remote Diagnostics Enabling Agent
	<u>Available from the web</u>
	Synaptics Touchpad Driver

Standard Features

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).
Intelligent Manageability	Intelligent Manageability, a key component of HP PC Lifecycle Solutions, is the broad set of manageability features found on Evo client and ProLiant™ server products. These manageability features on PC clients comply with industry standards, such as DMI/, SMBIOS, PXE, and WBEM, while pioneering new ground in client manageability. Compaq introduced the industry's first line of manageable clients in 1995. With the combination of Compaq and HP in 2002 HP, and HP's lifecycle management philosophy, enterprises have all of the pieces for end-to-end management and proven tools for hassle-free management of PCs. The combination of these tools significantly lowers the Total Cost of Ownership of managing the computing environment. Intelligent Manageability offers solutions in the areas of Initial Configuration and Deployment, Asset Tracking and Security, Software Updating and Management, and Fault Notification and Recovery. For more information, visit these websites: http://www.compaq.com/im; http://www.compaq.com/easydeploy; http://www.compaq.com/solutions/pcsolutions;
Security	Configuration Control Hardware Memory Change Alert Ownership Tag Setup Password Power-On Password DriveLock Enabled for PC SmartCard options Kensington Lock Slot
Power Supply	External AC 65 Watt Adapter (only 0.62 lb/0.28 kg, 6-foot/1.8 meter) power cord included. Total length including External AC adapter is 12 feet/3.66 meter
Battery	The *Evo* Notebook N410c 4-cell internal main Lithium-Ion battery provides over two hours of battery life; over four hours achieved using optional external battery.

Battery Re-Charge Time	System in OFF mode or Standby	2 hours
	System ON (depending on system power consumption)	2-5 hours

NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 2:20 (hr:min) were achieved running the eTesting Labs Inc.'s Business Winstone 2001 BatteryMark™ Test version 1.0.1 on an N410c with an Intel Pentium III 1.2-GHz CPU, 12.1-inch XGA panel, 256-MB RAM, 40-GB-HDD, 4-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 set to never, laptop power management scheme.

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.

Standard Features

Power Conservation	Intel SpeedStep technology (allows a Battery Optimized Mode where CPU draws 50% of normal power yet affords 70 to 80% of maximum PIII processing speed) Hibernation Instant-on via Standby Pop-ups with three presets One custom level of power conservation ACPI compliant
MultiBay Devices (with optional MEU)	MultiBay devices may be swapped with the system powered on (hot) under Microsoft Windows XP Professional or 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.
MultiPort	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.
Docking/System Expansion	Optional Mobile Expansion Unit (MEU) with NIC-Pass thru. The Mobile Expansion Unit (MEU) extends the capabilities of the *Evo*™ Notebook N410c by adding dual MultiBay support, network connectivity, full port replication, and stereo speakers. The MultiBays in the Mobile Expansion Unit accept all common Evo series MultiBay drives and devices. The External MultiBay is a cost effective travel friendly USB based alternative to the MEU which provides access to one MultiBay device. **NOTE**: The N410c is not compatible with Compaq docking solutions. Docking functionality is provided via the MEU
Service and Support	Compaq Services includes a Three-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. http://wwss1pro.compaq.com/support/warranty_upgrades/product_specific_warranty.asp

Standard Features

Naming Convention The Etymology of a Model name:

PRODUCT NAME (N410C ; N=NA, L= LA, J= JAPAN, E=EMEA, A=APD, G=GCD)

PROCESSOR (PENTIUM)

PROCESSOR SPEED (1.2 GHz)

DISPLAY (X=XGA ; 2=12-INCH)

HARD DRIVE (30 GB)

COMMUNICATION (C=MODEM/NIC COMBO ; M=MODEM ; OMITTED=NONE)

MEMORY (25=256 MB ; 133 MHz)

OPERATING SYSTEM (O=WINDOWS XP PROFESSIONAL ; 2=WINDOWS 2000)

NAFTA/CUSTOMER (N=NAFTA; C=CTO; M=NAFTA CTO)

| N410CXX | P | 120 | X2 | 30 | C | 25 | O | N |
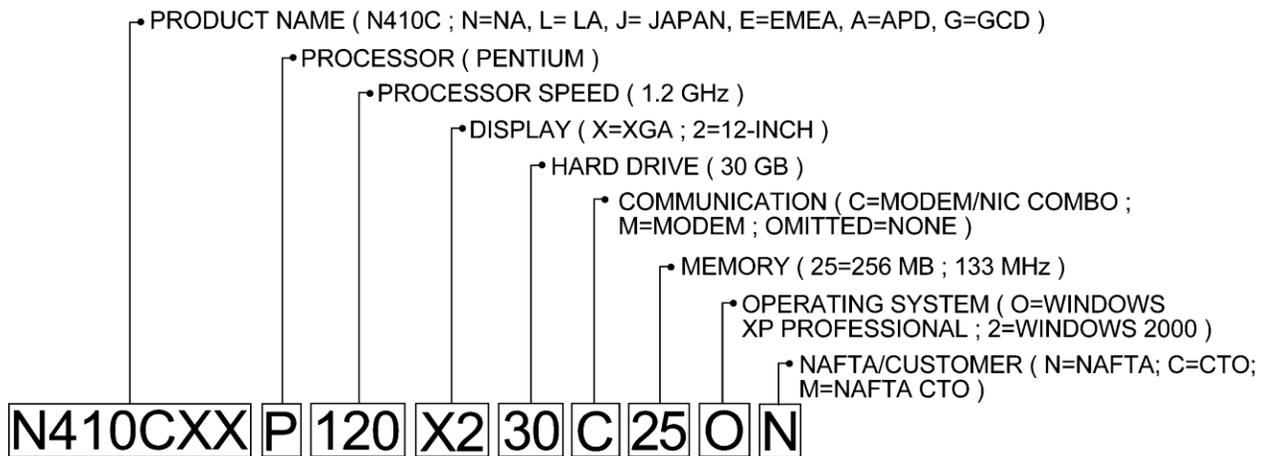
Standard Features

N410CP120X230C252	Display	12.1-inch color TFT XGA
	Processor	Mobile Intel Pentium III 1.2 GHz–M
	Cache Memory	512-KB, L2 Cache
	Memory	Standard 256-MB SDRAM
		Maximum 1024-MB SDRAM
	Optical Drive	None
	Hard Drive	30-GB SMART
	Modem	Type III Mini PCI 56K (V.90/V.92) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility Radeon 16-MB SDRAM
	Audio	Compaq *Premier•Sound*
	Operating System	Microsoft Windows 2000
	Pointing Device	Touchpad
N410CP120X230C25O	**Display**	12.1-inch color TFT XGA
	Processor	Mobile Intel Pentium III 1.2 GHz-M
	Cache Memory	512-KB, L2 Cache
	Memory	Standard 256-MB SDRAM
		Maximum 1024-MB SDRAM
	Optical Drive	None
	Hard Drive	30-GB SMART
	Modem	Type III Mini PCI 56K (V.90/V.92) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility Radeon 16-MB SDRAM
	Audio	Compaq *Premier•Sound*
	Operating System	Microsoft Windows XP Pro
	Pointing Device	Touchpad
N410CP100X230C122	**Display**	12.1-inch color TFT XGA
	Processor	Mobile Intel Pentium III 1.0 GHz–M
	Cache Memory	512-KB, L2 Cache
	Memory	Standard 128-MB SDRAM
		Maximum 1024-MB SDRAM
	Optical Drive	None
	Hard Drive	30-GB SMART
	Modem	Type III Mini PCI 56K (V.90/V.92) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility Radeon 16-MB SDRAM
	Audio	Compaq *Premier•Sound*
	Operating System	Microsoft Windows 2000
	Pointing Device	Touchpad
N410CP100X230C25O	**Display**	12.1-inch color TFT XGA
	Processor	Mobile Intel Pentium III 1.0 GHz-M
	Cache Memory	512-KB, L2 Cache
	Memory	Standard 256-MB SDRAM
		Maximum 1024-MB SDRAM
	Optical Drive	None
	Hard Drive	30-GB SMART
	Modem	Type III Mini PCI 56K (V.90/V.92) modem plus 10/100 NIC Combo
	Graphics	ATI Mobility Radeon 16-MB SDRAM
	Audio	Compaq *Premier•Sound*
	Operating System	Microsoft Windows XP Pro
	Pointing Device	Touchpad

Standard Features

			Intel 1.2-Ghz PIII-M	Intel 1.0-GHz PIII-M
		CPU	Intel 1.2-Ghz PIII-M	**Intel 1.0-GHz PIII-M**
		LCD	12.1 TFT XGA	12.1 TFT XGA
		Total Memory	256-MB (Slot 1) PC 133	256-MB (Slot 1) PC 133
		Hard Drive	30 GB	**30 GB**
		Integrated Video Memory	16-MB DDR	16-MB DDR
		Diskette Drive	None	None
		Communications	Shotgun III Modem/NIC	Shotgun III Modem/NIC
		Input Device	Touchpad	Touchpad
NORTH AMERICA				
U.S.				
	N410CP120X230C25O	Windows XP Pro	**470037-550**	
	N410CP120X230C25ON	Windows XP Pro - NAFTA	**470037-600**	
	N410CP120X230C252	Windows 2000	**470037-662**	
	N410CP120X230C252N	Windows 2000 - NAFTA	**470037-590**	
Fr Canada				
	N410CP120X230C25O	Windows XP Pro	**470037-557**	
	N410CP120X230C252	Windows 2000	**470037-663**	
EUROPE/MIDDLE EAST/AFRICA				
Arabia				
	N410CP120X230C25O	Windows XP Pro	**470037-559**	
	N410CP120X230C252	Windows 2000	**470037-711**	
Belgium				
	N410CP120X230C25O	Windows XP Pro	**470037-564**	
	N410CP120X230C252	Windows 2000	**470037-716**	
Czech Republic				
	N410CP120X230C25O	Windows XP Pro	**470037-576**	
	N410CP120X230C252	Windows 2000	**470037-719**	
Denmark				
	N410CP120X230C25O	Windows XP Pro	**470037-582**	
	N410CP120X230C252	Windows 2000	**470037-721**	
Europe Intl				
	N410CP120X230C25O	Windows XP Pro	**470037-589**	
	N410CP120X230C252	Windows 2000	**470037-723**	
France				
	N410CP120X230C25O	Windows XP Pro	**470037-592**	
	N410CP120X230C252	Windows 2000	**470037-725**	
Germany				
	N410CP120X230C25O	Windows XP Pro	**470037-596**	
	N410CP120X230C252	Windows 2000	**470037-727**	
Greece/Poland				
	N410CP120X230C25O	Windows XP Pro	**470037-599**	
	N410CP120X230C252	Windows 2000	**470037-728**	
Hungary				
	N410CP120X230C25O	Windows XP Pro	**470037-624**	
	N410CP120X230C252	Windows 2000	**470037-729**	

Standard Features

				Intel 1.2-Ghz PIII-M	Intel 1.0-GHz PIII-M
		CPU		Intel 1.2-Ghz PIII-M	**Intel 1.0-GHz PIII-M**
		LCD		12.1 TFT XGA	12.1 TFT XGA
		Total Memory		256-MB (Slot 1) PC 133	
		Hard Drive		30 GB	**30 GB**
		Integrated Video Memory		16-MB DDR	16-MB DDR
		Diskette Drive		None	None
		Communications		Shotgun III Modem/NIC	Shotgun III Modem/NIC
		Input Device		Touchpad	Touchpad
EUROPE/MIDDLE EAST/AFRICA *(continued)*					
Israel (Hebrew)					
	N410CP120X230C25O	Windows XP Pro		**470037-626**	
	N410CP120X230C252	Windows 2000		**470037-730**	
Italy					
	N410CP120X230C25O	Windows XP Pro		**470037-628**	
	N410CP120X230C252	Windows 2000		**470037-731**	
Netherlands					
	N410CP120X230C25O	Windows XP Pro		**470037-629**	
	N410CP120X230C252	Windows 2000		**470037-732**	
Norway					
	N410CP120X230C25O	Windows XP Pro		**470037-631**	
	N410CP120X230C252	Windows 2000		**470037-734**	
Portugal					
	N410CP120X230C25O	Windows XP Pro		**470037-632**	
	N410CP120X230C252	Windows 2000		**470037-735**	
Russian					
	N410CP120X230C25O	Windows XP Pro		**470037-634**	
	N410CP120X230C252	Windows 2000		**470037-737**	
Slovenia					
	N410CP120X230C25O	Windows XP Pro		**470037-635**	
	N410CP120X230C252	Windows 2000		**470037-739**	
Spain					
	N410CP120X230C25O	Windows XP Pro		**470037-637**	
	N410CP120X230C252	Windows 2000		**470037-740**	
Sweden/Finland					
	N410CP120X230C25O	Windows XP Pro		**470037-638**	
	N410CP120X230C252	Windows 2000		**470037-742**	
Switzerland (GR/FR/IT/EN)					
	N410CP120X230C25O	Windows XP Pro		**470037-640**	
	N410CP120X230C252	Windows 2000		**470037-745**	
Turkey					
	N410CP120X230C25O	Windows XP Pro		**470037-642**	
	N410CP120X230C252	Windows 2000		**470037-743**	
UK					
	N410CP120X230C25O	Windows XP Pro		**470037-643**	
	N410CP120X230C252	Windows 2000		**470037-744**	

Standard Features

		CPU	Intel 1.2-Ghz PIII-M	**Intel 1.0-GHz PIII-M**
		LCD	12.1 TFT XGA	12.1 TFT XGA
		Total Memory	256-MB (Slot 1) PC 133	256-MB (Slot 1) PC 133
		Hard Drive	30 GB	**30 GB**
		Integrated Video Memory	16-MB DDR	16-MB DDR
		Diskette Drive	None	None
		Communications	Shotgun III Modem/NIC	Shotgun III Modem/NIC
		Input Device	Touchpad	Touchpad
CKK				
Japan				
	N410CP120X230C25O	Windows XP Pro	**470037-645**	
	N410CP100X230C25O	Windows XP Pro - I yr warranty 256-MB (Slot 1) PC 133		**470037-593**
	N410CP120X230C252	Windows 2000	**470037-748**	
	N410CP100X230C122	Windows 2000 - 1 yr warranty 128-MB (Slot 1) PC 133		**470037-534**
Japan (English)				
	N410CP120X230C25O	Windows XP Pro	**470037-647**	
	N410CP120X230C252	Windows 2000	**470037-750**	
LATIN AMERICA				
Latin America				
	N410CP120X230C25O	Windows XP Pro	**470037-649**	
	N410CP120X230C25ON	Windows XP Pro - NAFTA	**470037-597**	
	N410CP120X230C252	Windows 2000	**470037-751**	
	N410CP120X230C252N	Windows 2000 - NAFTA	**470037-574**	
Brazil				
	N410CP120X230C25O	Windows XP Pro	**470037-651**	
	N410CP120X230C252	Windows 2000	**470037-753**	
ASIA PACIFIC and GREATER CHINA				
Australia				
	N410CP120X230C25O	Windows XP Pro	**470037-652**	
	N410CP120X230C252	Windows 2000	**470037-756**	
Asia Pacific				
	N410CP120X230C25O	Windows XP Pro	**470037-654**	
	N410CP120X230C252	Windows 2000	**470037-758**	
PRC Chinese				
	N410CP120X230C25O	Windows XP Pro	**470037-655**	
	N410CP120X230C252	Windows 2000	**470037-759**	
Taiwan				
	N410CP120X230C25O	Windows XP Pro	**470037-657**	
	N410CP120X230C252	Windows 2000	**470037-760**	

QuickSpecs

Standard Features

			Intel 1.2-Ghz PIII-M	**Intel 1.0-GHz PIII-M**
		CPU	Intel 1.2-Ghz PIII-M	**Intel 1.0-GHz PIII-M**
		LCD	12.1 TFT XGA	12.1 TFT XGA
		Total Memory	256-MB (Slot 1) PC 133	256-MB (Slot 1) PC 133
		Hard Drive	30 GB	**30 GB**
		Integrated Video Memory	16-MB DDR	16-MB DDR
		Diskette Drive	None	None
		Communications	Shotgun III Modem/NIC	Shotgun III Modem/NIC
		Input Device	Touchpad	Touchpad
ASIA PACIFIC and GREATER CHINA *(continued)*				
Hong Kong				
	N410CP120X230C25O	Windows XP Pro	**470037-659**	
	N410CP120X230C25O	Windows XP Pro- 1 yr warranty	**470037-594**	
	N410CP120X230C252	Windows 2000	**470037-761**	
	N410CP120X230C252	Windows 2000 - 1 yr warranty	**470037-565**	
Korea				
	N410CP120X230C25O	Windows XP Pro	**470037-660**	
	N410CP120X230C252	Windows 2000	**470037-762**	

Options

Memory		
	512-MB (133-MHz) Memory Upgrade	238830-B25
	256-MB (133-MHz) Memory Upgrade	197898-B25
	128-MB (133-MHz) Memory Upgrade	197987-B25
	64-MB (133-MHz) Memory Upgrade	197986-B25

NOTE: 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.

Monitors		
	TFT8030 Flat Panel Color 18-inch (carbon/silver)	234362-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

MultiBay Hard Drives		
	60-GB 5400 rpm SMART Hard Drive	278420-B25
	40-GB 4200 rpm SMART Hard Drive	263472-B25
	30-GB 4200 rpm SMART Hard Drive	212791-B25

MultiBay Storage Devices		
	24X /10X/24X/8X Combo DVD/CD-RW	269089-B25
	16X CD-RW	269088-B25
	8X DVD Drive	138230-B25
	24X Max CD-ROM	298452-B25
	Diskette Drive	226935-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
	Parallel port cable for diskette drive	226748-B21

NOTE: The Evo Notebook N410c requires optional Mobile Expansion Unit or external MultiBay to utilize MultiBay Storage Devices.

Mobile Expansion Unit (MEU)		
	External MultiBay	217388-001/002
	N410c MEU without MultiBay drives	286255-B25
	N410c MEU with 24X DVD/CD-RW Combo drive and Diskette drive	292059-B25
	N410c MEU with 8X DVD-ROM drive and Diskette drive	292057-B25
	N410c MEU with 24X Max CD-ROM drive and Diskette drive	292056-B25

NOTE: * = Data transfer rates will vary from 150 KB/s to 3600 KB/s.

Connectivity		
	Compaq Type III Mini PCI 56K (V.90/V.92) Modem	225640-B31
	Compaq Type III Mini PCI 56K (V.90/V.92) Modem plus 10/100 NIC Combo	225642-B31

NOTE: Designed only to allow faster downloads from V.90/V.92 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem only supports Microsoft Windows 9.x and Windows NT 4.0.

Options

Wireless Connectivity	802.11b MultiPort Wireless LAN module	283836-001
	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

Power	4-cell primary Lithium-Ion battery (internal)	232593-B25
	4-cell secondary Lithium-Ion battery (external)	236309-B25
	4-cell secondary Lithium-Ion high capacity travel battery (external)	236310-B25

Common Power Solutions	MultiBay Battery (8-cells)*	265650-B25
	External Battery Charger **	135555-xxx
	AC Adapter 65 W	265602-xxx
	Auto Power Adapter/Charger 65 W	265649-B25
	Aircraft Power Adapter	386504-B21
	AC Line Cord (3.1 m/10-ft)	217932-xx2

NOTE: * = Use of this option with the Evo Notebook N400c/410c requires the optional Mobile Expansion Unit (MEU).

NOTE: MultiBay Battery only functions in the optional MEU and will not function in the external MultiBay.

NOTE: ** = The Universal Battery Charger will charge the N400c/410c external secondary handle batteries. It will not charge the N400c/410c internal primary battery.

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

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

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

QuickSpecs

Memory

Compaq Evo Notebook N410c

STANDARD MEMORY

0-MB of memory on system board,
2 Slots total
1-256-MB DIMM installed in Slot 1
1-Additional open Memory Slot

Memory	Slot 1	Slot 2
	256 MB	Empty

STANDARD MEMORY WITH OPTIONAL MEMORY UPGRADES

Support for up to 512-MB of SDRAM is available with the installation of optional SDRAM Memory Upgrades.

| Up to	Slot 1	Slot 2
256 MB	256 MB	Empty
384 MB	256 MB	128 MB
512 MB	256 MB	256 MB
768 MB	256 MB	512 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 (133 MHz) Memory Upgrade	238830-B25
256-MB (133 MHz) Memory Upgrade	197898-B25
128-MB (133 MHz) Memory Upgrade	197987-B25
64-MB (133 MHz) Memory Upgrade	197986-B25

NOTE: 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.

Storage
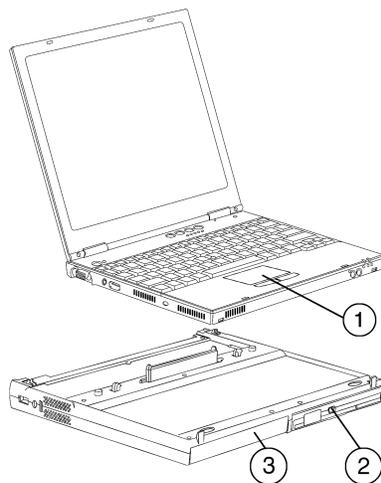
1. Hard Drive

2. MultiBay

3. MultiBay

DRIVE SUPPORT

System Drive Support

Removable Media	Quantity Supported	Drive Bay Supported
1.44-MB Diskette Drive (optional)	Up to 1	External connects via parallel port

Hard Drives

30-GB SMART Hard Drive	Up to 1	Hard Drive Bay

MEU DRIVE SUPPORT

Removable Media	Quantity Supported	Drive Bay Supported
1.44-MB Diskette Drive	Up to 1	MultiBay
CD-RW Drive	Up to 2	MultiBay
DVD-ROM Drive	Up to 2	MultiBay
CD-ROM Drive	Up to 2	MultiBay
DVD/CD-RW Combo Drive	Up to 2	MultiBay

Secondary Hard Drives

60-GB SMART Hard Drive	Up to 2	MultiBay
40-GB SMART Hard Drive	Up to 2	MultiBay
30-GB SMART Hard Drive	Up to 2	MultiBay

Technical Specifications

System Unit	Dimensions (H x W x D)	12.1-inch TFT panel display	0.89 x 10.5 x 9.5 in (2.2 x 26.6 x 24.2 cm)
	Weight	Minimum/Maximum	3.5 lb (1.58 kg)
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.8 VDC
		Maximum Operating Power	40 W
		Peak Operating Power	50 W
	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 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, 10 to 500 Hz, 0.5 Oct/Min sweep rate
		Non-operating	1.0 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft (3,048 m) (14.7 to 10.1 psia)
		Non-operating	0 to 30,000 ft (9,144 m) (14.7 to 4.4 psia)
	Industry Standard Certifications	Blue Angel -	No
		UL -	Yes
		CSA -	Yes
		VDE/TUV -	Yes
		Nordic Safety -	Yes
		Mexican Safety-	Yes
		Poland Compliance-	Yes

12.1-Inch Color TFT XGA Display	**Dimensions** (H x W)	10.3 x 7.8 in (26.1 x 19.9 cm)	
	Diagonal Size	12.1 in (30.7 cm)	
	Mounting	Internal	
	Number of Colors	16 M	
	Contrast Ratio	125:1	
	Refresh Rate	60 Hz	
	Brightness	130 nit typical AC only/70 on battery115 nit minimum	
	Pixel Resolution	Pitch	0.264 x 0.264 mm
		Format	1024 x 768
		Configuration	RGB Stripe
	Backlight	CCFT	
	Character Display	80 x 25	
	Total Power Consumption	4 W	
	Viewing Angle	+/-35° degrees Horizontal, +15°/-35° Vertical (typical)	

Technical Specifications

Hard Drives			
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 (9.5 mm)	
	Width	2.75 in (70 mm)	
	Interface	ATA-4	
	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
	Rotational Speed	4200 RPM	23 ms
	Logical Blocks	58,605,120	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security

External AC Adapter			
	Weight	0.62 lb/0.28 kg	
	Power Supply (Input)	Operating Voltage	90 to 260 VAC RMS
		Operating Current	1.7 A RMS
		Operating Frequency Range	47 to 63 Hz AC
		Maximum Transient	4/50 kV

Internal Lithium-Ion Battery Pack			
	Weight	0.49 lb (0.22 kg)	
	Cells	4-cell Lithium-Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	1.96 Ah
		Watt-hour capacity	28Wh
	Temperature	Operating	41° to 95° F (5° to 35° C)
		Non-operating	–4° to 140° F (–20° to 60° C)
	Battery Re-Charge Time	System in OFF mode or Standby	2 hours
		System ON (depending on system power consumption)	2-5 hours

QuickSpecs

Technical Specifications

External Lithium-Ion Battery Pack *(secondary)*	Dimensions (H x W x D)	0.9 x 10.47 x 0.9 in (2.3 x 26.6 x 2.3 cm)	
	Weight	0.48 lb (0.21 kg)	
	Cells	4-cell Lithium-Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	1.96 Ah
		Watt-hour capacity	28Wh
	Temperature	Operating	41° to 95° F (5° to 35° C)
		Non-operating	−4° to 140° F (−20° to 60° C)
External High Capacity Lithium-Ion Battery Pack *(secondary)*	Dimensions (H x W x D)	1.8 x 10.6 x 1.2 in (4.6 x 26.6 x 2.3 cm)	
	Weight	0.93 lb (0.42 kg)	
	Cells	4-cell Lithium-Ion	
	Energy	Voltage	14.4 V
		Amp-hour capacity	2.6 Ah
		Watt-hour capacity	37.4 Wh
	Temperature	Operating	41° to 95° F (5° to 35° C)
		Non-operating	−4° to 140° F (−20° to 60° C)
MultiBay Lithium-Ion Battery Pack (8-cell) (Must have optional MEU)	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	1.03 lb (0.47 Kg)	
	Energy	Voltage	14.8 V
		Amp-hour capacity	3.2 Ah
		Watt-hour capacity	47.4 Wh
	Temperature	Operating	32° to 122° F (0° to 50° C)
		Non-operating	32° to 140° F (0° to 60° C)
	Battery Re-Charge Time	System in OFF mode or Standby	2 hours
		System ON	2 to 5 hours
	Lifecycle	80% capacity after 300 full charge/discharge cycles, or 600 half discharge followed by a full charge cycles.	

Technical Specifications

24X/10X/24X/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 (0.33 kg)
	Center Hole Diameter	39 cm	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	0.74 µm	
	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	

Technical Specifications

16X/8X/24X CD-RW Drive	MultiBay Drive	Dimensions (H x W x D)	1.27 x 13.25 x 12.61 cm (0.5 x 5.21 x 4.97 in)
		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 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 (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	
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 µm	
	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	

QuickSpecs

Technical Specifications

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 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)	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	
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	
	Height	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

QuickSpecs

Technical Specifications

Audio	Features	SoundMAX
	Wavetable Synthesis	
	# of Voices	Up to 1024 (CPU dependent)
	# of MIDI Channels	16
	Max. Sound Set Size	Unlimited (host RAM dependent)
	Sound Set Formats	DLS (Level 1), XGlite
	Bundled GeneralMIDI Sound Set(s)	1.2 MB XGlite
	Built-In Effects	Reverb and Chorus
	Sound Blaster PRO Emulation	Yes
	3D Positioning / Environments	
	Formats Supported	I3DL2 / DS3D 7 / EAX 2 / A3D 1
	Environmental Acoustics	EnvironmentFX (EAX compatible)
	Additional 3D APIs	MacroFX / ZoomFX
	Standard HRTFs	2 Channel
	Hardware	
	Implimentation	AC97 CODEC
	Audio Signal Link to CPU	Audio CODEC (AC) link
	Full Duplex	Yes
	Stereo Inputs	Line In - 20K Impedance
	Mono Inputs	Microphone - 20K Impedance
	Stereo Outputs	Analog, S/PDIF from Port Rep
	Audio Output Quality	
	Frequency Response	20 Hz - 20 kHz
	Signal to Noise Ratio	>94dB
	Total Harmonic Distortion	0.01%
	Noise Floor	-120dB
	Play/Record Sampling Rate(s)	7 kHz - 48 kHz
	AD/DA Resolution	16 bit
	Speakers	
	Amplifier Power	2-Watts RMS
	Speaker Impedance	4-Ohms

QuickSpecs

Technical Specifications

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)
Storage Temperature	Non-operating	–40° to 176° F (–40° to 80° C)
Humidity	Operating	10 to 90%
	Non-operating	5 to 95%
Altitude	Operating	0 to 15,000 ft (4,572 m)
	Non-operating	0 to 40,000 ft (12,192 m)
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	5 V power operation	
Power Management	Keystroke Fn + F2 Power On/Off control	

Technical Specifications

802.11b MultiPort Module *(continued)*	**Power Consumption**	Transfer mode: < 600 mA, maximum
		Receive mode: > 400 mA, maximum
		Standby mode: > 1 mA, maximum
	Transmit Power	10 to 100 mW It is preferable to have the user configurable output power to save battery life for laptop users or in high AP coverage areas
	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
	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	• 1000 feet – Open sight
			• 100 feet – Closed space (Steel Space)
	> 2 Mbps	5.5 Mbps	• 1100 feet – Open sight
			• 200 feet – Closed space (Steel Space)
	> 700 Kbps	1 Mbps	• 1200 feet – Open sight
			• 300 feet – Closed space (Steel Space)

Technical Specifications

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	10 to 90% operating	
		5 to 95% non operating	
	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	
	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	

Technical Specifications

Bluetooth MultiPort Module *(continued)*	Usage Models	Service Discovery (determine what Bluetooth devices are within range and support authorization)
		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. ˑeless 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 98/98SE
		Microsoft Windows 2000
		Microsoft Windows Millennium

Technical Specifications

Bluetooth MultiPort Module *(continued)*	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

Type III Mini PCI 56K (V.90/V.92) Modem plus 10/100 NIC Combo	Form Factor	Mini-PCI Type III per Specification
	OS Support (with all released Service Packs)	Microsoft Windows 98 (Gold, SE), Windows Millennium Edition, Windows NT 4.0, Windows 2000, Windows XP (Home, Professional), DOS Application Support under 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
	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

Technical Specifications

Type III Mini PCI 56K (V.90/V.92) Modem plus 10/100 NIC Combo *(continued)*	**Fax Mode Capabilities**	TIA/EIA-578-B (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
	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 Windows 98 SE, NT 4.0, 2000, XP (Home and Professional)
		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