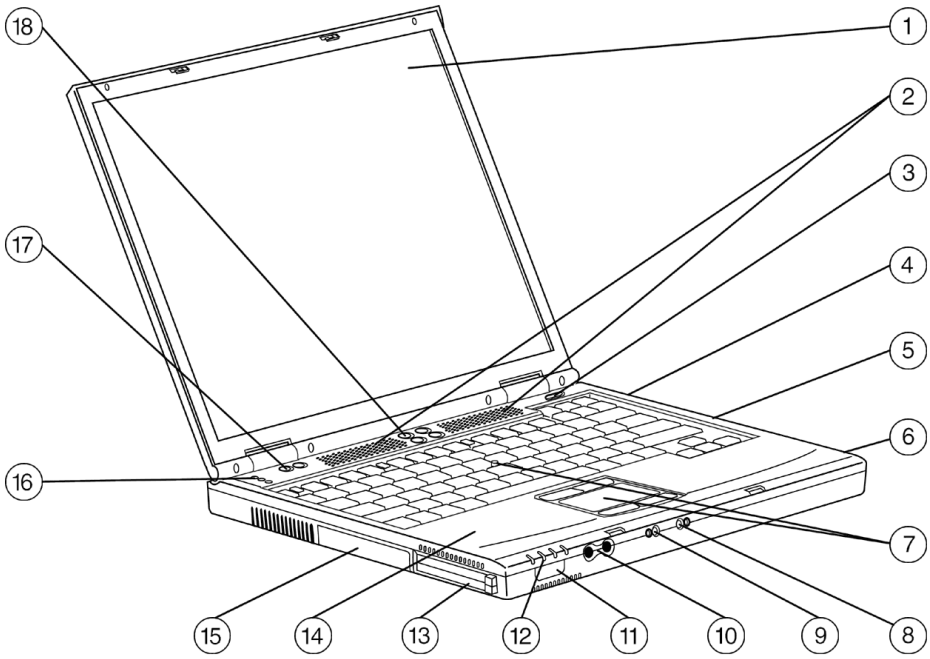
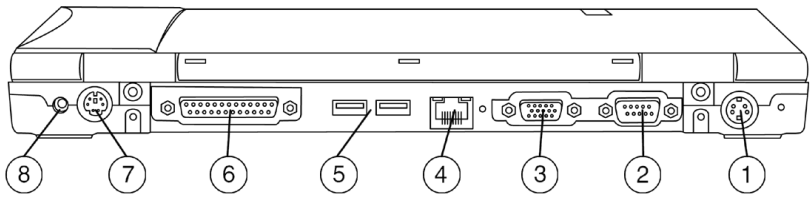
Overview



1. Color Display
2. Stereo Speakers
3. Power Switch
4. RJ-11 (Modem)
5. MultiBay
6. Kensington Lock
7. Dual Pointing Devices
8. Audio-In
9. Headphone-Out
10. Volume Controls
11. Infrared Port
12. System LEDs
13. PC Card Slots (2)
14. Memory Access Door
15. Hard Drive
16. Keyboard LEDs
17. Suspend Button
18. Easy Access Internet Buttons



1. S-Video (TV Out)
2. VGA
3. Serial
4. RJ-45 (NIC)
5. USB (2)
6. Parallel
7. PS/2
8. DC In

At A Glance

- Mobile Intel® Pentium® 4-M Processors at 1.6, 1.7, 1.8, 1.9, 2.0, 2.2 or 2.4-GHz and Celeron® processors at 1.5 Ghz.
- Microsoft® Windows® XP Professional or Microsoft Windows 2000
- ATI Mobility Radeon 7500 Graphics Controller with 32 MB of DDR video RAM.
- 14.1-inch SXGA+ or 14.1-inch XGA display
- Configurations as light as 4.8 lb/2.2 kg weight
- 1.2 in/3.048 cm thin
- 256 MB DDR RAM (266 MHz), upgradeable to 1024 MB
- Up to 60-GB SMART, user -removable hard drives.
- Integrated modem and NIC
- Full-size keyboard
- Includes a Three-year, Worldwide Limited Warranty

Overview

What's New

- Mobile Intel Pentium 4-M Processors up to 2.4 GHz.
- 400-MHz Front Side Bus
- ATI Mobility Radeon 7500 Graphics Controller
- Common Port Replicator, Advanced Port Replicator, and External MultiBay Options
- Two USB 2.0 ports
- S-video TV out
- 40-GB and 60 GB 5400 RPM hard drives

What's Special

- From 4.8 lb/2.2 kg light
- 1.2 in/3.05 cm thin
- Over 3.5 hours of battery life
- Dual pointing devices
- Magnesium display enclosure
- New Common Port Replicator solutions with pass-through NIC
- Integrated MultiBay
- Dual battery support
- Industry leading PC lifecycle solutions
- MultiPort integrated wireless communication options.

Standard Features

Processors	2.4 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 2.2 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 2.0 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 1.9 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 1.8 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 1.7 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 1.6 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache 1.6 GHz Mobile Intel Pentium 4 Processor-M with 400-MHz Front Side Bus and 512 KB L2 cache NOTE: Mobile Intel Pentium 4 Processors-M support enhanced Intel SpeedStep™ technology.
Operating System One of the following	Microsoft Windows XP Professional or Microsoft Windows 2000 preinstalled. NOTE: Driver support available for Microsoft Windows 98 SE and Microsoft Windows NT 4.0
Display	14.1-inch color TFT SXGA+ with 1400 x 1050 resolution (up to 16.7M colors internal) 14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
Memory	Standard: 256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1) Maximum: 1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2) NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.
Communications	10/100 NIC is integrated on the system board Type III Mini PCI 56K (V.92) modem 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: Modem availability is subject to country regulatory approval.
Keyboard	The 101/102-key compatible keyboard features an industry standard, full-width layout with desktop keyboard features, such as the isolated inverted-T cursor control keys, 3x2 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 an integrated numeric keypad, hotkeys for instant access to power conservation, volume, brightness, and other features, 19.05 mm x 19.05 mm key pitch (center-to-center spacing), 2.5 mm stroke, comfort-dished keycaps, and bright key legends for improved visibility in low light conditions.
Easy Access Internet Buttons	The Evo Notebook N610c comes with four Easy Access Buttons to provide one-touch access to helpful Compaq information, favorite Internet destinations, files, or applications.
Pointing Device	Dual pointing devices (both Pointstick and Touchpad). Also available with Pointstick only or touchpad only.
PC Card Slots	Two Type II/One Type III PC Card Slots which support both 32-bit CardBus and 16-bit PC Cards

Standard Features

Storage	Diskette Drives	Optional Diskette Drive
	Hard Drives	60-GB 5400 rpm SMART Hard Drive 40-GB 5400 rpm SMART Hard Drive 40-GB 4200 rpm SMART Hard Drive 30-GB 4200 rpm SMART Hard Drive 20-GB 4200 rpm SMART Hard Drive
	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: Evo Notebook N610c hard drives are customer removable and will withstand multiple insertion/removal cycles.

Multimedia

Compaq Premier· Sound enhanced stereo audio system
Integrated 16-bit stereo audio
Integrated stereo speakers and microphone
External Hardware volume controls
Headphone-out
Microphone in
CD, DVD, CDRW, or DVD/CDRW drive
Software MPEG1, MPEG2 and DVD support
DVD Movie Playback Software (on DVD and DVD/CD-RW models)
S-video TV-out port
4X AGP graphics
32 MB of DDR VRAM

Interfaces	MultiPort	1
	PC Card	2 Type II/1 Type III
	Enhanced Parallel EPP/ECP	1 (can be used to connect external diskette drive)
	Serial Port	1
	S-video TV-out connector	1 (NTSC/PAL)
	External Monitor	1
	PS/2 External Keyboard/Pointing Device	1 Supports Y-cable to attach both Keyboard and Mouse simultaneously
	Docking Connector	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 (USB 2.0)	2
	LED status indicators	7

Graphics

ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
Hardware support for DirectX 7.0

Standard Features

Software

Preinstalled
Diagnostics for Windows
Compaq Easy Access Button Software
Intel SpeedStep Technology Applet
Compaq Help and Support (XP Only)
Compaq Info Center (XP Only)

On CD
WinDVD 3.2 DVD Player (on DVD and DVD/CDRW models)
Roxio Easy CD Creator 5 (on CDRW and DVD/CDRW models)
Adobe Acrobat Reader
Altiris eXpress™ Client Win32
Compaq Management Agents
Remote Diagnostics Enabling Agent

Available from the Web
Synaptics Touchpad Driver

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 and Wired for Management, while pioneering new ground in client manageability. HP introduced the industry's first line of manageable clients in 1995 and has been driving the industry ever since. With 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. More information is available at the following websites: http://www.compaq.com/im; http://www.compaq.com/easydeploy; http://www.compaq.com/solutions/pcsolutions;
NOTE: These web sites are available in English only.

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

Battery

The Evo Notebook N610c provides over 3.5 hours of battery life using the standard 8-cell Lithium-Ion battery.

NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 3:33 (hr:min) were achieved running the eTesting Labs Inc.'s Business Winstone 2001 BatteryMark TM benchmark version 1.0.1 on an Evo 610c with a Intel Pentium 4-M 1.8 GHz CPU, Windows XP Pro, 14.1-inch XGA panel, 256-MB RAM, 30-GB HDD, 8X DVD , 8-cell Lithium-Ion battery, and NIC/modem. System parameters were set according to eTesting Labs' recommendations: panel brightness 50%, power management scheme - Laptop/Portable, hard drive, standby and video timers set to never.

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

Standard Features

Power Conservation

Supports enhanced Intel SpeedStep Technology (allows a Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)
Hibernation
Instant-on via Standby
Pop-ups with three presets
One custom level of power conservation
ACPI compliant

MultiBay Devices

MultiBay devices may be swapped with the system powered (hot) under Windows 2000, or Windows XP Professional (except 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

NEW! Port Replicator and Advanced Port Replicator. The sleek, new port replicator and advanced port replicator designs provide simple and convenient port management. Features include NIC pass through, USB, and a 1394 digital port. Compatible across multiple platforms for lower total cost of ownership.

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.Compaq Services includes a Three-Year, Worldwide Limited Warranty, carry-in or pick-up, upgrade to On-site Warranty or additional Two-Year Warranty available, and toll-free 7 x 24 hardware technical phone support. Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

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

Naming Convention

The Etymology of a Model name:

Standard Features

N610cP180X430C262	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	none
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	none
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP180X430C26O	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	none
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	none
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP160X420DC252	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	24X CD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP160X420DC25O	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	24X CD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP160X420VC252	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP160X420VC25O	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP160X420VC252N	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP160X420VC25ON	Processor	1.6 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP180X430VC252	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP180X430VC25O	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP180X430VC252	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

N610cP180X430VC25O	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/3

Standard Features

N610cP180X430VC252N	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/0

N610cP180X430VC252N	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8XDVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/0

Standard Features

N610cP200P440WC252	Processor	2.0 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	40-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	24X DVD/CDRW
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/0

N610cP200P440WC25O	Processor	2.0 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	40-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	24X DVD/CDRW
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/0

Standard Features

N610cP180X430VC25E	Processor	1.8 GHz-M on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Microsoft Windows XP Home English
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8X DVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	3/3/0

		Series	N610c	N610c	N610c	N610c	N610c
		CPU	P4 1.8 GHz	P4 1.6GHz	P4 1.6GHz	P4 1.8GHz	P4 2.0GHz
		LCD	14" XGA	14" XGA	14" XGA	14" XGA	14"SXGA+
		Memory	none	256 MB	256 MB	256 MB	256 MB
		HDD	30GB 4200 rpm	20GB 4200 rpm	20GB 4200 rpm	30GB 4200 rpm	40GB 4200 rpm
		Discrete Video Memory	32MB	32MB	32MB	32MB	32MB
		Optical/ MultiBay	none	24X CD	8XDVD	8XDVD	24X DVD/CDRW
		Comm	Modem (Indy)/NIC	Modem (Indy)/NIC	Modem (Indy)/NIC	Modem (Indy)/NIC	Modem (Indy)/NIC
		Input	Dual	Dual	Dual	Dual	Dual
		Battery	8-cell 4Ah	8-cell 4Ah	8-cell 4Ah	8-cell 4Ah	8-cell 4Ah
		Warranty	3/3/3	3/3/0	3/3/0	3/3/0	3/3/0
AMERICAS							
US							
	N610CP180X430_C__XOL	Windows 2000	470037-542				
	N610CP180X430_C__XOL	Windows XP Pro	470037-549				
	N610CP160X420VC25X2L	Windows 2000			470037-661		
	N610CP160X420VC25XOL	Windows XP Pro			470037-733		
	N610CP160X420VC25X2LN	Windows 2000-NAFTA			470037-738		
	N610CP160X420VC25XOLN	Windows XP Pro-NAFTA			470037-741		
	N610CP180X430VC25X2L	Windows 2000				470037-525	
	N610CP180X430VC25XOL	Windows XP Pro				470037-684	
	N610CP180X430VC25X2L	Windows 2000 3/3/3 Warranty				470037-720	
	N610CP180X430VC25XOL	Windows XP Pro 3/3/3 Warranty				470037-722	
	N610CP180X430VC25X2LN	Windows 2000-NAFTA				470037-724	

	N610CP180X430VC 25XOLN	Windows XP Pro-NAFTA				470037-746	
	N610CP200P440WC 25X2L	Windows 2000					470037-749
	N610CP200P440WC 25XOL	Windows XP Pro					470037-757
Fr Canada							
	N610CP160X420VC 25X2L	Windows 2000			470037-664		
	N610CP160X420VC 25XOL	Windows XP Pro			470037-736		
	N610CP180X430VC 25X2L	Windows 2000				470037-527	
	N610CP180X430VC 25XOL	Windows XP Pro				470037-685	
	N610CP200P440WC 25X2L	Windows 2000					470037-754
	N610CP200P440WC 25XOL	Windows XP Pro					470037-755
Latin America							
	N610CP180X430VC 25X2L	Windows 2000				470037-566	
	N610CP180X430VC 25XOL	Windows XP Pro				470037-710	
	N610CP180X430VC 25X2LN	Windows 2000-NAFTA				470037-726	
	N610CP180X430VC 25XOLN	Windows XP Pro-NAFTA				470037-747	
Brazil							
	N610CP180X430VC 25X2L	Windows 2000				470037-569	
	N610CP180X430VC 25XOL	Windows XP Pro				470037-712	

EUROPE / MIDDLE EAST/ AFRICA							
Arabia							
	N610CP160X420DC25X2L	Windows 2000		470037-562			
	N610CP160X420DC25XOL	Windows XP Pro		470037-618			
	N610CP180X430VC25X2L	Windows 2000				470037-528	
	N610CP180X430VC25XOL	Windows XP Pro				470037-686	
Belgium							
	N610CP160X420DC25X2L	Windows 2000		470037-567			
	N610CP160X420DC25XOL	Windows XP Pro		470037-619			
	N610CP180X430VC25X2L	Windows 2000				470037-529	
	N610CP180X430VC25XOL	Windows XP Pro				470037-687	
Czech Republic							
	N610CP160X420DC25X2L	Windows 2000		470037-571			
	N610CP160X420DC25XOL	Windows XP Pro		470037-620			
	N610CP180X430VC25X2L	Windows 2000				470037-530	
	N610CP180X430VC25XOL	Windows XP Pro				470037-688	
Denmark							
	N610CP160X420DC25X2L	Windows 2000		470037-573			
	N610CP160X420DC25XOL	Windows XP Pro		470037-621			
	N610CP180X430VC25X2L	Windows 2000				470037-531	
	N610CP180X430VC25XOL	Windows XP Pro				470037-689	
France							
	N610CP160X420DC25X2L	Windows 2000		470037-578			
	N610CP160X420DC25XOL	Windows XP Pro		470037-622			
	N610CP180X430VC25X2L	Windows 2000				470037-532	
	N610CP180X430VC25XOL	Windows XP Pro				470037-690	
Germany							
	N610CP160X420DC25X2L	Windows 2000		470037-581			
	N610CP160X420DC25XOL	Windows XP Pro		470037-623			
	N610CP180X430VC25X2L	Windows 2000				470037-533	
	N610CP180X430VC25XOL	Windows XP Pro				470037-691	

Greece/Poland							
	N610CP160X420DC25X2L	Windows 2000		470037-585			
	N610CP160X420DC25XOL	Windows XP Pro		470037-625			
	N610CP180X430VC25X2L	Windows 2000				470037-535	
	N610CP180X430VC25XOL	Windows XP Pro				470037-692	
Hungary							
	N610CP160X420DC25X2L	Windows 2000		470037-586			
	N610CP160X420DC25XOL	Windows XP Pro		470037-627			
	N610CP180X430VC25X2L	Windows 2000				470037-537	
	N610CP180X430VC25XOL	Windows XP Pro				470037-693	
Israel (Hebrew)							
	N610CP160X420DC25X2L	Windows 2000		470037-588			
	N610CP160X420DC25XOL	Windows XP Pro		470037-630			
	N610CP180X430VC25X2L	Windows 2000				470037-538	
	N610CP180X430VC25XOL	Windows XP Pro				470037-694	
Italy							
	N610CP160X420DC25X2L	Windows 2000		470037-595			
	N610CP160X420DC25XOL	Windows XP Pro		470037-633			
	N610CP180X430VC25X2L	Windows 2000				470037-539	
	N610CP180X430VC25XOL	Windows XP Pro				470037-695	
Netherlands							
	N610CP160X420DC25X2L	Windows 2000		470037-601			
	N610CP160X420DC25XOL	Windows XP Pro		470037-636			
	N610CP180X430VC25X2L	Windows 2000				470037-541	
	N610CP180X430VC25XOL	Windows XP Pro				470037-696	
Norway							
	N610CP160X420DC25X2L	Windows 2000		470037-602			
	N610CP160X420DC25XOL	Windows XP Pro		470037-639			
	N610CP180X430VC25X2L	Windows 2000				470037-543	
	N610CP180X430VC25XOL	Windows XP Pro				470037-697	
Portugal							
	N610CP160X420DC25X2L	Windows 2000		470037-604			
	N610CP160X420DC25XOL	Windows XP Pro		470037-641			
	N610CP180X430VC25X2L	Windows 2000				470037-545	
	N610CP180X430VC25XOL	Windows XP Pro				470037-699	

Russian							
	N610CP160X420DC25X2L	Windows 2000		470037-605			
	N610CP160X420DC25XOL	Windows XP Pro		470037-644			
	N610CP180X430VC25X2L	Windows 2000				470037-546	
	N610CP180X430VC25XOL	Windows XP Pro				470037-700	
Slovenia							
	N610CP160X420DC25X2L	Windows 2000		470037-606			
	N610CP160X420DC25XOL	Windows XP Pro		470037-646			
	N610CP180X430VC25X2L	Windows 2000				470037-548	
	N610CP180X430VC25XOL	Windows XP Pro				470037-701	
Spain							
	N610CP160X420DC25X2L	Windows 2000		470037-607			
	N610CP160X420DC25XOL	Windows XP Pro		470037-648			
	N610CP180X430VC25X2L	Windows 2000				470037-551	
	N610CP180X430VC25XOL	Windows XP Pro				470037-702	
Sweden/Finland							
	N610CP160X420DC25X2L	Windows 2000		470037-608			
	N610CP160X420DC25XOL	Windows XP Pro		470037-650			
	N610CP180X430VC25X2L	Windows 2000				470037-552	
	N610CP180X430VC25XOL	Windows XP Pro				470037-703	
Switzerland (GR/FR/IT)							
	N610CP160X420DC25X2L	Windows 2000		470037-613			
	N610CP160X420DC25XOL	Windows XP Pro		470037-653			
	N610CP180X430VC25X2L	Windows 2000				470037-555	
	N610CP180X430VC25XOL	Windows XP Pro				470037-704	
Turkey							
	N610CP160X420DC25X2L	Windows 2000		470037-616			
	N610CP160X420DC25XOL	Windows XP Pro		470037-656			
	N610CP180X430VC25X2L	Windows 2000				470037-556	
	N610CP180X430VC25XOL	Windows XP Pro				470037-705	
UK							
	N610CP160X420DC25X2L	Windows 2000		470037-617			
	N610CP160X420DC25XOL	Windows XP Pro		470037-658			
	N610CP180X430VC25X2L	Windows 2000				470037-558	
	N610CP180X430VC25XOL	Windows XP Pro				470037-706	

APD						
Japan						
N610CP180X430VC25X2L	Windows 2000				470037-561	
N610CP180X430VC25XOL	Windows XP Pro				470037-707	
Japan (English)						
N610CP180X430VC25X2L	Windows 2000				470037-563	
N610CP180X430VC25XOL	Windows XP Pro				470037-708	
Australia						
N610CP180X430VC25X2L	Windows 2000				470037-570	
N610CP180X430VC25XOL	Windows XP Pro				470037-713	
Asia Pacific						
N610CP180X430VC25X2L	Windows 2000				470037-572	
N610CP180X430VC25XOL	Windows XP Pro				470037-714	
PRC Chinese						
N610CP180X430VC25X2L	Windows 2000				470037-577	
N610CP180X430VC25XOL	Windows XP Pro				470037-709	
Taiwan						
N610CP180X430VC25X2L	Windows 2000				470037-580	
N610CP180X430VC25XOL	Windows XP Pro				470037-715	
Hong Kong						
N610CP180X430VC25X2L	Windows 2000				470037-584	
N610CP180X430VC25XOL	Windows XP Pro				470037-717	
Korea						
N610CP180X430VC25X2L	Windows 2000				470037-587	
N610CP180X430VC25XOL	Windows XP Pro				470037-718	

N610cP200X430V252	Processor	2.0-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	30-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	8X DVD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier·Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	

Standard Features

N610cP180X420D252	Processor	1.8-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	20-GB 4200 rpm SMART Hard Drive
	Video Memory	32MB
	Optical Drive	24X CD
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	

N610cP200P440W252	Processor	2.0-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Windows 2000
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	40GB 5400 RPM
	Video Memory	32MB
	Optical Drive	24X DVD/CDRW
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	

Standard Features

N610cP180P440W25O	Processor	2.0-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
	Operating System	Windows XP Home English
	Display	14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	Cache Memory	512 KB L2 cache
	Memory	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1)
	Memory-Maximum	1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
	Hard Drive	40GB 5400 RPM
	Video Memory	32MB
	Optical Drive	24X DVD/CDRW
	Graphics	ATI Mobility Radeon 7500 4X AGP graphics controller with 32 MB DDR VRAM
	Audio	Compaq Premier· Sound enhanced stereo audio system
	Communications	Modem (Indy)/NIC
	Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
	Battery	8-cell 4Ah
	Warranty	

Standard Features

		Series	N610c	N610c	N610c
		CPU	2.0-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus	1.8-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus	2.0-GHz on Mobile Intel Pentium 4 processor with 400-MHz Front Side Bus
		LCD	14.1-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)	14.1-inch color TFT SXGA+ with 1400 x 1050 resolution (up to 16.7M colors internal)
		Memory	256 MB	256 MB	256 MB
		Maximum Memory	1GB	1GB	1GB
		Hard Drive	30GB 4200 rpm	20GB 4200 rpm	40GB 5400 RPM
		Discrete Video Memory	32MB	32MB	32MB
		Optical/MultiBay	8X DVD	24X CD	24X DVD/CDRW
		Comm	Modem (Indy)/NIC	Modem (Indy)/NIC	Modem (Indy)/NIC
		Input	Dual	Dual	Dual
		OS	Windows 2000	Windows 2000	Windows 2000
US					
	N610cP200X430VC25E	Window XP Home English	470050-535		
	N610cP200X430CO	Windows 2000-No memory	470050-733		
	N610cP200X430CO	Windows XP Pro-No memory	470050-734		
	N610cP200P440WC25	Window XP Home English			470050-960
Fr Canada					
	N610cP200X430VC252	Windows 2000	470050-358		
	N610cP200X430VC25	Windows XP Pro	470050-454		
	N610cP200X430VC252	Windows 2000-NAFTA	470050-531		
	N610cP200X430VC25N	Windows XP Pro-NAFTA	470050-533		
	N610cP200X430VC25E	Window XP Home English	470050-536		
	N610cP200P440WC25	Window XP Home English			470050-961
Arabia					
	N610cP200X430VC252	Windows 2000	470050-360		
	N610cP200X430VC25O	Windows XP Pro	470050-455		
	N610cP200X430VC25E	Window XP Home English	470050-537		
	N610cP180X420DC252	Windows 2000		470050-735	
	N610cP180X420DC25O	Windows XP Pro		470050-771	
	N610cP200P440WC252	Windows 2000			470050-911
	N610cP200P440WC25O	Windows XP Pro			470050-938
	N610cP200P440WC25E	Window XP Home English			470050-962

Belgium					
	N610cP200X430VC252	Windows 2000	470050-371		
	N610cP200X430VC25O	Windows XP Pro	470050-456		
	N610cP200X430VC25E	Window XP Home English	470050-538		
	N610cP180X420DC252	Windows 2000		470050-736	
	N610cP180X420DC25O	Windows XP Pro		470050-772	
	N610cP200P440WC252	Windows 2000			470050-913
	N610cP200P440WC25O	Windows XP Pro			470050-939
	N610cP200P440WC25E	Window XP Home English			470050-963
Czech Republic					
	N610cP200X430VC252	Windows 2000	470050-374		
	N610cP200X430VC25O	Windows XP Pro	470050-457		
	N610cP200X430VC25E	Window XP Home English	470050-539		
	N610cP180X420DC252	Windows 2000		470050-737	
	N610cP180X420DC25O	Windows XP Pro		470050-773	
	N610cP200P440WC252	Windows 2000			470050-914
	N610cP200P440WC25O	Windows XP Pro			470050-940
	N610cP200P440WC25E	Window XP Home English			470050-964
Denmark					
	N610cP200X430VC25	Windows 2000	470050-378		
	N610cP200X430VC25O	Windows XP Pro	470050-458		
	N610cP200X430VC25E	Window XP Home English	470050-541		
	N610cP180X420DC252	Windows 2000		470050-739	
	N610cP180X420DC25O	Windows XP Pro		470050-774	
	N610cP200P440WC252	Windows 2000			470050-919
	N610cP200P440WC25O	Windows XP Pro			470050-941
	N610cP200P440WC25E	Window XP Home English			470050-965
France					
	N610cP200X430VC252	Windows 2000	470050-379		
	N610cP200X430VC25O	Windows XP Pro	470050-459		
	N610cP200X430VC25E	Window XP Home English	470050-544		
	N610cP180X420DC252	Windows 2000		470050-740	
	N610cP180X420DC25O	Windows XP Pro		470050-775	
	N610cP200P440WC252	Windows 2000			470050-920
	N610cP200P440WC25O	Windows XP Pro			470050-942
	N610cP200P440WC25E	Window XP Home English			470050-966
Germany					
	N610cP200X430VC252	Windows 2000	470050-386		
	N610cP200X430VC25O	Windows XP Pro	470050-460		
	N610cP200X430VC25E	Window XP Home English	470050-547		
	N610cP180X420DC252	Windows 2000		470050-741	
	N610cP180X420DC25O	Windows XP Pro		470050-776	
	N610cP200P440WC252	Windows 2000			470050-921
	N610cP200P440WC25O	Windows XP Pro			470050-943
	N610cP200P440WC25E	Window XP Home English			470050-967
Greece/Poland					
	N610cP200X430VC252	Windows 2000	470050-392		
	N610cP200X430VC25O	Windows XP Pro	470050-462		
	N610cP200X430VC25E	Window XP Home English	470050-548		
	N610cP180X420DC252	Windows 2000		470050-742	
	N610cP180X420DC25O	Windows XP Pro		470050-780	
	N610cP200P440WC252	Windows 2000			470050-922
	N610cP200P440WC25O	Windows XP Pro			470050-944
	N610cP200P440WC25E	Window XP Home English			470050-968

Hungary					
	N610cP200X430VC252	Windows 2000	470050-393		
	N610cP200X430VC25O	Windows XP Pro	470050-468		
	N610cP200X430VC25E	Window XP Home English	470050-549		
	N610cP180X420DC252	Windows 2000		470050-743	
	N610cP180X420DC25O	Windows XP Pro		470050-781	
	N610cP200P440WC252	Windows 2000			470050-923
	N610cP200P440WC25O	Windows XP Pro			470050-946
	N610cP200P440WC25E	Window XP Home English			470050-969
Israel (Hebrew)					
	N610cP200X430VC252	Windows 2000	470050-395		
	N610cP200X430VC25O	Windows XP Pro	470050-469		
	N610cP200X430VC25E	Window XP Home English	470050-550		
	N610cP180X420DC252	Windows 2000		470050-744	
	N610cP180X420DC25O	Windows XP Pro		470050-782	
	N610cP200P440WC252	Windows 2000			470050-924
	N610cP200P440WC25O	Windows XP Pro			470050-948
	N610cP200P440WC25E	Window XP Home English			470050-970
Italy					
	N610cP200X430VC252	Windows 2000	470050-396		
	N610cP200X430VC25O	Windows XP Pro	470050-470		
	N610cP200X430VC25E	Window XP Home English	470050-552		
	N610cP180X420DC252	Windows 2000		470050-746	
	N610cP180X420DC25O	Windows XP Pro		470050-783	
	N610cP200P440W C252	Windows 2000			470050-925
	N610cP200P440W C25O	Windows XP Pro			470050-949
	N610cP200P440W C25E	Window XP Home English			470050-971
Netherlands					
	N610cP200X430VC252	Windows 2000	470050-398		
	N610cP200X430VC25O	Windows XP Pro	470050-471		
	N610cP200X430VC25E	Window XP Home English	470050-555		
	N610cP180X420DC252	Windows 2000		470050-747	
	N610cP180X420DC25O	Windows XP Pro		470050-784	
	N610cP200P440WC252	Windows 2000			470050-926
	N610cP200P440W C25O	Windows XP Pro			470050-950
	N610cP200P440W C25E	Window XP Home English			470050-972

Norway					
	N610cP200X430VC252	Windows 2000	470050-400		
	N610cP200X430VC25O	Windows XP Pro	470050-473		
	N610cP200X430VC25E	Window XP Home English	470050-558		
	N610cP180X420DC252	Windows 2000		470050-749	
	N610cP180X420DC25O	Windows XP Pro		470050-785	
	N610cP200P440WC252	Windows 2000			470050-927
	N610cP200P440WC25O	Windows XP Pro			470050-951
	N610cP200P440WC25E	Window XP Home English			470050-973
Portugal					
	N610cP200X430VC252	Windows 2000	470050-403		
	N610cP200X430VC25O	Windows XP Pro	470050-477		
	N610cP200X430VC25E	Window XP Home English	470050-559		
	N610cP180X420DC252	Windows 2000		470050-750	
	N610cP180X420DC25O	Windows XP Pro		470050-786	
	N610cP200P440WC252	Windows 2000			470050-928
	N610cP200P440WC25O	Windows XP Pro			470050-952
	N610cP200P440WC25E	Window XP Home English			470050-974
Russian					
	N610cP200X430VC252	Windows 2000	470050-404		
	N610cP200X430VC25O	Windows XP Pro	470050-478		
	N610cP200X430VC25E	Window XP Home English	470050-560		
	N610cP180X420DC252	Windows 2000		470050-751	
	N610cP180X420DC25O	Windows XP Pro		470050-787	
	N610cP200P440WC252	Windows 2000			470050-929
	N610cP200P440WC25O	Windows XP Pro			470050-953
	N610cP200P440WC25E	Window XP Home English			470050-975
Slovenia					
	N610cP200X430VC252	Windows 2000	470050-405		
	N610cP200X430VC25O	Windows XP Pro	470050-480		
	N610cP200X430VC25E	Window XP Home English	470050-561		
	N610cP180X420DC252	Windows 2000		470050-752	
	N610cP180X420DC25O	Windows XP Pro		470050-790	
	N610cP200P440WC252	Windows 2000			470050-930
	N610cP200P440WC25O	Windows XP Pro			470050-954
	N610cP200P440WC25E	Window XP Home English			470050-976
Spain					
	N610cP200X430VC252	Windows 2000	470050-407		
	N610cP200X430VC25O	Windows XP Pro	470050-482		
	N610cP200X430VC25E	Window XP Home English	470050-562		
	N610cP180X420DC252	Windows 2000		470050-753	
	N610cP180X420DC25O	Windows XP Pro		470050-792	
	N610cP200P440WC252	Windows 2000			470050-931
	N610cP200P440WC25O	Windows XP Pro			470050-955
	N610cP200P440WC25E	Window XP Home English			470050-977
Sweden/Finland					
	N610cP200X430VC252	Windows 2000	470050-410		
	N610cP200X430VC25O	Windows XP Pro	470050-486		
	N610cP200X430VC25E	Window XP Home English	470050-563		
	N610cP180X420DC252	Windows 2000		470050-754	
	N610cP180X420DC25O	Windows XP Pro		470050-825	
	N610cP200P440WC252	Windows 2000			470050-932
	N610cP200P440WC25O	Windows XP Pro			470050-956
	N610cP200P440WC25E	Window XP Home English			470050-978

Switzerland (GR/FR/IT)					
	N610cP200X430VC252	Windows 2000	470050-412		
	N610cP200X430VC25O	Windows XP Pro	470050-487		
	N610cP200X430VC25E	Window XP Home English	470050-564		
	N610cP180X420DC252	Windows 2000		470050-755	
	N610cP180X420DC25O	Windows XP Pro		470050-826	
	N610cP200P440WC252	Windows 2000			470050-933
	N610cP200P440WC25O	Windows XP Pro			470050-957
	N610cP200P440WC25E	Window XP Home English			470050-979
Turkey					
	N610cP200X430VC252	Windows 2000	470050-414		
	N610cP200X430VC25O	Windows XP Pro	470050-488		
	N610cP200X430VC25E	Window XP Home English	470050-565		
	N610cP180X420DC252	Windows 2000		470050-757	
	N610cP180X420DC25O	Windows XP Pro		470050-827	
	N610cP200P440WC252	Windows 2000			470050-934
	N610cP200P440WC25O	Windows XP Pro			470050-958
	N610cP200P440WC25E	Window XP Home English			470050-980
UK					
	N610cP200X430VC252	Windows 2000	470050-415		
	N610cP200X430VC25O	Windows XP Pro	470050-489		
	N610cP200X430VC25E	Window XP Home English	470050-566		
	N610cP180X420DC252	Windows 2000		470050-637	
	N610cP180X420DC25O	Windows XP Pro		470050-636	
	N610cP200P440WC252	Windows 2000			470050-936
	N610cP200P440WC25O	Windows XP Pro			470050-959
	N610cP200P440WC25E	Window XP Home English			470050-981
Japan					
	N610cP200X430VC252	Windows 2000	470050-416		
	N610cP200X430VC25O	Windows XP Pro	470050-490		
	N610cP200X430VC25E	Window XP Home English	470050-567		
	N610cP200P440WC25E	Window XP Home English			470050-982
Japan (English)					
	N610cP200X430VC252	Windows 2000	470050-417		
	N610cP200X430V C25O	Windows XP Pro	470050-491		
	N610cP200X430VC25E	Window XP Home English	470050-568		
	N610cP200P440W C25E	Window XP Home English			470050-983

Latin America					
	N610cP200X430VC252	Windows 2000	470050-418		
	N610cP200X430VC25O	Windows XP Pro	470050-496		
	N610cP200X430V C252N	Windows 2000-NAFTA	470050-532		
	N610cP200X430V C25ON	Windows 2000-NAFTA	470050-534		
	N610cP200X430V C25E	Window XP Home English	470050-569		
	N610cP200P440W C25E	Window XP Home English			470050-984
Brazil					
	N610cP200X430VC252	Windows 2000	470050-419		
	N610cP200X430VC25O	Windows XP Pro	470050-497		
	N610cP200X430VC25E	Window XP Home English	470050-570		
	N610cP200P440W C25E	Window XP Home English			470050-985
Australia					
	N610cP200X430VC252	Windows 2000	470050-421		
	N610cP200X430VC25O	Windows XP Pro	470050-498		
	N610cP200X430VC25E	Window XP Home English	470050-571		
	N610cP200P440W C25E	Window XP Home English			470050-986
Asia Pacific					
	N610cP200X430VC252	Windows 2000	470050-438		
	N610cP200X430VC25O	Windows XP Pro	470050-502		
	N610cP200X430V C25E	Window XP Home English	470050-572		
	N610cP200P440W C25E	Window XP Home English			470050-987
PRC Chinese					
	N610cP200X430VC252	Windows 2000	470050-439		
	N610cP200X430VC25O	Windows XP Pro	470050-505		
	N610cP200X430VC25E	Window XP Home English	470050-573		
	N610cP200P440WC25E	Window XP Home English			470050-988
Taiwan					
	N610cP200X430VC252	Windows 2000	470050-440		
	N610cP200X430VC25O	Windows XP Pro	470050-506		
	N610cP200X430VC25E	Window XP Home English	470050-574		
	N610cP200P440WC25E	Window XP Home English			470050-989
Hong Kong					
	N610cP200X430VC252	Windows 2000	470050-443		
	N610cP200X430VC25O	Windows XP Pro	470050-507		
	N610cP200X430VC25E	Window XP Home English	470050-575		
	N610cP200P440WC25E	Window XP Home English			470050-990
Korea					
	N610cP200X430VC252	Windows 2000	470050-446		
	N610cP200X430VC25O	Windows XP Pro	470050-512		
	N610cP200X430VC25E	Window XP Home English	470050-576		
	N610cP200P440WC25E	Window XP Home English			470050-991

Options

Memory	512-MB (266 MHz) Memory Upgrade	269087-B25
	256-MB (266 MHz) Memory Upgrade	269086-B25
	128-MB (266 MHz) Memory Upgrade	269085-B25
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
	V570 15-inch CRT (carbon/silver)	228113-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 Combo DVD/CD-RW	269089-B25
	8X Combo DVD/CD-RW	260472-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
Connectivity	Compaq Type III Mini PCI 56K (V.92) Modem	225640-B31
	1394 PC Card	177593-B25
	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	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

Options

Expansion Bases	Port Replicator	307648-xx1
	Advanced Port Replicator	307651-xx1
	External MultiBay	217388-001/B31
	Advanced Port Replicator Monitor Stand	274407-B25
Power	8-cell primary battery	250848-B25
Common Power Solutions	MultiBay Battery (8-cells)	265650-B25
	External Battery Charger	135555-xxx
	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
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

Compaq Evo N610C

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.

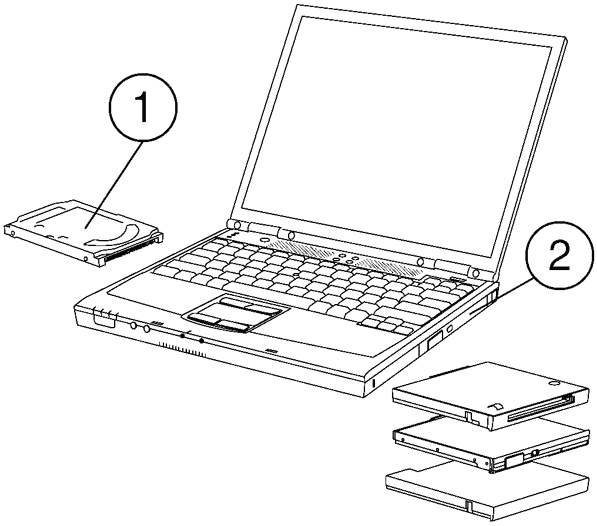
Memory	Slot 1	Slot 2
128 MB	128 MB	--
256 MB	128 MB	128 MB
256 MB	256 MB	--
384 MB	256 MB	128 MB
512 MB	512 MB	--
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

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 Memory Upgrade 269087-B25
- 256-MB 266 MHz Memory Upgrade 269086-B25
- 128-MB 266 MHz Memory Upgrade 269085-B25

Storage



1. Primary Hard drive
2. MultiBay

Drive Support

System Drive Support	Quantity Supported	Drive Supported
Removable Media		
1.44-MB Diskette Drive	1	MultiBay or parallel port cable
DVD/CD-RW Combo Drive	1	MultiBay
CD-RW Drive	1	MultiBay
DVD-ROM Drive	1	MultiBay
Max CD-ROM Drive	1	MultiBay

NOTE: Multibay support includes the integrated MultiBay, the External MultiBay, and the Advanced Port Replicator MultiBay unless otherwise noted.

Hard Drives		
40-GB SMART Hard Drive	2	Dedicated hard drive bay and/or MultiBay
30-GB SMART Hard Drive	2	Dedicated hard drive bay and/or MultiBay
20-GB SMART Hard Drive	2	Dedicated hard drive bay and/or MultiBay

System Unit	**Dimensions** (HxWxD)	14.1-inch TFT panel display	1.2 x 12.1 x 9.8 in (3.1 x 30.7 x 25.0 cm)
	Weight	14.1-inch LCD, 1 SODIMM	4.8 lb (2.1) kg minimum (with weight saver)
			5.5 lb (2.45) kb typical (with MultiBay drive)
		14.1-inch LCD, CD-RW, DVD or CD-ROM, 1 SODIMM	5.5 lb (2.5 kg*)
	NOTE: * Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components.		
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.4V (8-cell)
		Average Operating Power	14.4W
		Peak Operating Power	55W
		Power in suspend mode	< 400 mW
		Power in hibernation mode	< 60 mW
	Power Supply	Rated Input Voltage	90 to 264 VAC (auto-switching)
		Rated Input Current	1.6A
		Rated Frequency	47 to 63 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)
	Heat output	Operating (max)	65 W
	Industry Standards & Certifications	Blue Angel	No
		UL	Yes
		CSA	Yes
		VDE/TUV	Yes
		Nordic Safety	Yes
		Mexican Safety	Yes
		Poland Compliance	Yes

14.1-inch Color TFT SXGA+ 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 16.8 M	
	Contrast Ratio	150:1	
	Brightness	150nt typ	
	Pixel Resolution	Pitch	0.204 x 0.204 mm
		Format	1400 x 1050
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	5.1W	
	Viewing Angle	+15° /–30° Vertical, ± 40° Horizontal	

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 16.8 M	
	Contrast Ratio	150:1	
	Brightness	150nt 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	
	Viewing Angle	+/-35° degrees Horizontal, +15° /-35° Vertical (typical)	

Hard Drives

60-GB 5400 rpm	MultiBay Drive Adapter	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	0.15 lb (70 g)
	Drive Weight	0.21 lb (95 g)	
	Capacity	60 GB	
	Height	0.74 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	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	5400 rpm	
	Logical Blocks	78,140,160	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security
40-GB 5200 rpm	MultiBay Drive Adapter	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	0.15 lb (70 g)
	Drive Weight	0.21 lb (95 g)	
	Capacity	40 GB	
	Height	0.74 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	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	5200 rpm	
	Logical Blocks	78,140,160	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security

40-GB 4200 rpm	**MultiBay Drive Adapter**	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	0.15 lb (70 g)
	Drive Weight	0.21 lb (95 g)	
	Capacity	40 GB	
	Height	0.74 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	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 4200 rpm	**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	0.74 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	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)	

20-GB 4200 rpm	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	0.74 in / 9.5 mm	
	Width	2.75 in / 70 mm	
	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)	
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	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	0.65 lb (0.29 kg) (adapter)	
		0.29 lb (0.13 kg) (power cord)	
	Power Supply (Input)	Operating Voltage	90 to 264 VAC RMS
		Operating Current	1.6 A RMS
		Operating Frequency Range	47 to 63 Hz AC
		Maximum Transient	4/50 kV

Primary Lithium-Ion Battery Pack (8-cell) Internal	**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	0.88 lb (0.40 kg)	
	Energy	Voltage	14.4 V
		Amp-hour capacity	4.0 Ah
		Watt-hour capacity	57.6 Ah
	Temperature	Operating	32° to 108°F (0° to 42°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 (depending of system power consumption)	2 to 5 hours
	Lifecycle	80% capacity after 300 full charge/discharge cycles, or 600 half discharge followed by a full charge cycles.	
MultiBay Lithium-Ion Battery Pack (8-cell)	**Dimensions** (L 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	14.4 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 (depending of system power consumption)	2 to 5 hours
	Lifecycle	80% capacity after 300 full charge/discharge cycles, or 600 half discharge followed by a full charge cycles.	
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	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	< 150 ms
		Full-Stroke	< 225 ms
	Audio Output Level	Line-out	0.7 Vrms
	Cache Buffer	128 KB (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	< 6seconds	

16X 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	
	Data Transfer Rate (typical, including settling)	CD-R (16X)	2400 KB/s
		CD-RW (10X)	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	
	Disk Diameter	12 cm/8 cm	
	Disk 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	

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

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

802.11b MultiPort Module	**Form Factor**	Compaq "MultiPort"
	Weight	0.22 lb (100 g) (maximum)
	Operating Temperature	14° to 149° F (–10° to 65° C), operating
	Storage Temperature	–40° to 176° F (–40° to 80° C), non-operating
	Humidity	Operating 10 to 90% Non operating 5 to 95%
	Altitude	Operating 15,000 ft (4,572 m) Non operating 40,000 ft (12,192 m)
	Plug and Play	USB 1.1 compliant 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
	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 XP Professional and Home Editions 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)

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 (0 to 3,048 m)	
		Non-operating 0 to 30,000 ft (0 to 9,144 m)	
	Plug and Play	USB 1.1 compliant 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	
	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. 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 through 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	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 and Home Editions Microsoft Windows 98/98SE Microsoft Windows 2000 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

Type III Mini PCI 56K (V.92) **Modem**	**Form Factor**	Mini-PCI Type III per Specification
	OS Support (with all released Service Packs)	Microsoft Windows XP Professional and Home Editions, Microsoft Windows 98 (Gold, SE), Windows NT 4.0, Windows 2000, Windows Millennium Edition, DOS Application Support under Windows
	Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Windows NT (supports Wake-on-ring)
	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.90, V.92 (a-law, mu-law) V.8bis V.80 V.44, 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/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, +ILRR Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Integrated 10/100/1000 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 Windows XP Professional and Home Editions, Microsoft NT 3.51, NT 4.0, 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

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