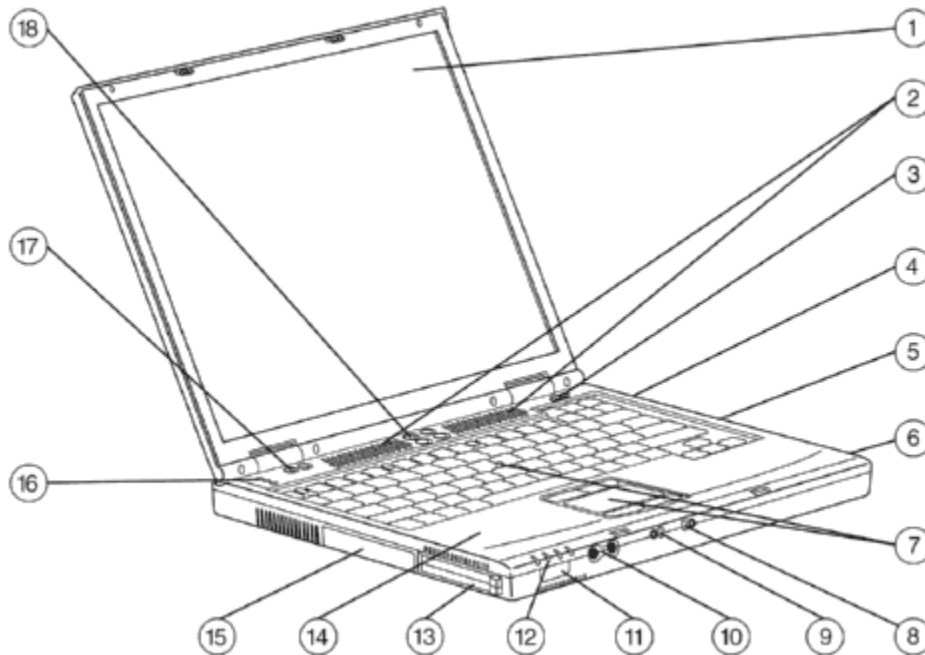


Overview

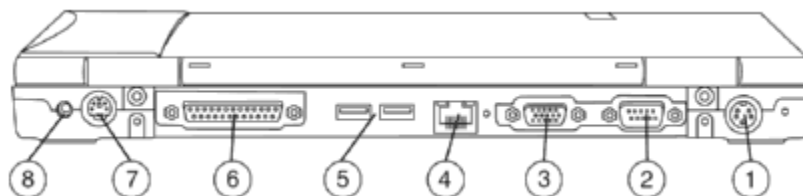
Compaq Evo Notebook N610c

HP recommends Microsoft®
Windows® XP Professional



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

Overview

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

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.
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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
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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)
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Memory	Standard Maximum	256 MB 266 MHz SDRAM DDR SDRAM (256-MB SODIMM in slot 1) 1GB 266 MHz SDRAM DDR SDRAM (512-MB SODIMM in slots 1 and 2)
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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.
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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.
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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.
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Pointing Device	Dual pointing devices (both Pointstick and Touchpad). Also available with Pointstick only or touchpad only.
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PC Card Slots	Two Type II/One Type III PC Card Slots which support both 32-bit CardBus and 16-bit PC Cards
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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

Standard Features

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

Standard Features

Battery	<p>The Evo Notebook N610c provides over 3.5 hours of battery life using the standard 8-cell Lithium-Ion battery.</p> <p>NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 3:33 (hr:min) were achieved running the eTesting Labs Inc.'s Business Winstone 2001 BatteryMark™ 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.</p>				
Battery Re-Charge Time	<table><tr><td>System in OFF mode or Standby</td><td>2 hours</td></tr><tr><td>System ON (depending on system power consumption)</td><td>2-5 hours</td></tr></table>	System in OFF mode or Standby	2 hours	System ON (depending on system power consumption)	2-5 hours
System in OFF mode or Standby	2 hours				
System ON (depending on system power consumption)	2-5 hours				

Power Conservation	<p>Supports enhanced Intel SpeedStep Technology (allows a Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)</p> <p>Hibernation</p> <p>Instant-on via Standby</p> <p>Pop-ups with three presets</p> <p>One custom level of power conservation</p> <p>ACPI compliant</p>
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MultiBay Devices	<p>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.</p>
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MultiPort	<p>MultiPort is a flexible, innovative solution providing customers the ability to connect to their choice of wireless standards such as 802.11b or Bluetooth. This can be achieved by simply changing out the high-performance wireless module, which is integrated into the top of the notebook. The award-winning MultiPort offers a cost effective means to migrate to future wireless standards as they become available.</p>
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Docking	<p>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.</p>
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Service and Support	<p>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.</p> <p>NOTE: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.</p> <p>http://wwss1pro.compaq.com/support/warranty_upgrades/product_specific_warranty.asp</p>
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Standard Features

Naming Convention

The Etymology of a Model name:



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

Standard Features

N610cP180X430C260	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

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

Standard Features

N610cP160X420DC250	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	

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	

Standard Features

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	

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	

Standard Features

N610cP160X420VC250N	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	

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	

Standard Features

N610cP180X430VC250	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

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

Standard Features

N610cP180X430VC250	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

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

Standard Features

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

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

Standard Features

N610cP200P440WC250	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

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



Standard Features

	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				
N610CP160X420VC 25X2L	Windows 2000			470037-661		
N610CP160X420VC 25XOL	Windows XP Pro			470037-733		
N610CP160X420V C25X2LN	Windows 2000-NAFTA			470037-738		
N610CP160X420V C25XOLN	Windows XP Pro-NAFTA			470037-741		
N610CP180X430VC 25X2L	Windows 2000				470037-525	
N610CP180X430VC 25XOL	Windows XP Pro				470037-684	
N610CP180X430VC 25X2L	Windows 2000 3/3/3 Warranty				470037-720	
N610CP180X430VC 25XOL	Windows XP Pro 3/3/3 Warranty				470037-722	
N610CP180X430VC 25X2LN	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						



Standard Features

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		

Standard Features

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	

Standard Features

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	

Standard Features

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



Standard Features

Pointing Device	Dual pointing devices (both Pointstick and Touchpad)
Battery	8-cell 4Ah
Warranty	

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

N610cP180P440W250	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	

	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				



Standard Features

	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

Standard Features

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

Standard Features

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
	N610cP200P440WC252	Windows 2000		470050-925
	N610cP200P440WC25O	Windows XP Pro		470050-949
	N610cP200P440WC25E	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
	N610cP200P440WC25O	Windows XP Pro		470050-950
	N610cP200P440WC25E	Window XP Home English		470050-972

Standard Features

Norway				
	N610cP200X430VC252	Windows 2000	470050-400	
	N610cP200X430VC250	Windows XP Pro	470050-473	
	N610cP200X430VC25E	Window XP Home English	470050-558	
	N610cP180X420DC252	Windows 2000		470050-749
	N610cP180X420DC250	Windows XP Pro		470050-785
	N610cP200P440WC252	Windows 2000		470050-927
	N610cP200P440WC250	Windows XP Pro		470050-951
	N610cP200P440WC25E	Window XP Home English		470050-973
Portugal				
	N610cP200X430VC252	Windows 2000	470050-403	
	N610cP200X430VC250	Windows XP Pro	470050-477	
	N610cP200X430VC25E	Window XP Home English	470050-559	
	N610cP180X420DC252	Windows 2000		470050-750
	N610cP180X420DC250	Windows XP Pro		470050-786
	N610cP200P440WC252	Windows 2000		470050-928
	N610cP200P440WC250	Windows XP Pro		470050-952
	N610cP200P440WC25E	Window XP Home English		470050-974
Russian				
	N610cP200X430VC252	Windows 2000	470050-404	
	N610cP200X430VC250	Windows XP Pro	470050-478	
	N610cP200X430VC25E	Window XP Home English	470050-560	
	N610cP180X420DC252	Windows 2000		470050-751
	N610cP180X420DC250	Windows XP Pro		470050-787
	N610cP200P440WC252	Windows 2000		470050-929
	N610cP200P440WC250	Windows XP Pro		470050-953
	N610cP200P440WC25E	Window XP Home English		470050-975
Slovenia				
	N610cP200X430VC252	Windows 2000	470050-405	
	N610cP200X430VC250	Windows XP Pro	470050-480	
	N610cP200X430VC25E	Window XP Home English	470050-561	
	N610cP180X420DC252	Windows 2000		470050-752
	N610cP180X420DC250	Windows XP Pro		470050-790
	N610cP200P440WC252	Windows 2000		470050-930
	N610cP200P440WC250	Windows XP Pro		470050-954
	N610cP200P440WC25E	Window XP Home English		470050-976

Standard Features

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

Standard Features

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	
	N610cP200X430VC25O	Windows XP Pro	470050-491	
	N610cP200X430VC25E	Window XP Home English	470050-568	
	N610cP200P440WC25E	Window XP Home English		470050-983
Latin America				
	N610cP200X430VC252	Windows 2000	470050-418	
	N610cP200X430VC25O	Windows XP Pro	470050-496	
	N610cP200X430VC252N	Windows 2000-NAFTA	470050-532	
	N610cP200X430VC25ON	Windows 2000-NAFTA	470050-534	
	N610cP200X430VC25E	Window XP Home English	470050-569	
	N610cP200P440WC25E	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	
	N610cP200P440WC25E	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	
	N610cP200P440WC25E	Window XP Home English		470050-986
Asia Pacific				
	N610cP200X430VC252	Windows 2000	470050-438	



Standard Features

	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
<hr/>		
Power	8-cell primary battery	250848-B25
<hr/>		
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
<hr/>		
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
<hr/>		
Security	Biometric PC Card	146805-B25
	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25
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Carrying Cases	Compaq Ultralight Case (nylon)	167336-B21
	Compaq Ultralight Case (leather)	242359-B25
	Compaq Plus Case	242360-B25
	Compaq Professional Case (nylon)	242361-B25
	Compaq Professional Case (leather)	242362-B25

Memory

Compaq Evo 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.

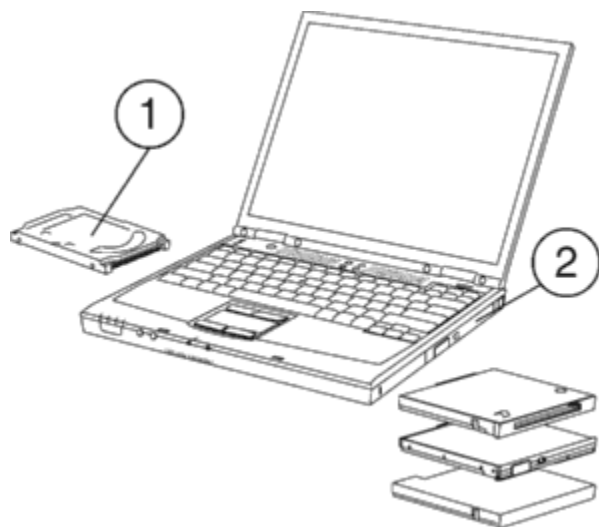
Memory	Slot 1	Slot 2
128 MB	128 MB	--
256 MB	128 MB	128 MB
256 MB	256 MB	--
384 MB	256 MB	128 MB
512 MB	512 MB	--
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

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

TechSpecs

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)
		14.1-inch LCD, CD-RW, DVD or CD-ROM, 1 SODIMM	5.5 lb (2.45) kb typical (with MultiBay drive) 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	
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

TechSpecs

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

TechSpecs

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	Single Track	3.0 ms
	(typical reads, including settling)	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	Single Track	3.0 ms
	(typical reads, including settling)	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	

TechSpecs

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	Single Track	3.0 ms
	(typical reads, including settling)	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	Single Track	2.5 ms
	(typical reads, including settling)	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)	

TechSpecs

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	Single Track	2.5 ms
	(typical reads, including settling)	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	47 to 63 Hz AC
		Range	
		Maximum Transient	4/50 kV

TechSpecs

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	



TechSpecs

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		

TechSpecs

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

TechSpecs

Audio	<p>Features</p> <p>Wavetable Synthesis</p> <p># of Voices Up to 1024 (CPU dependent)</p> <p># of MIDI Channels 16</p> <p>Max. Sound Set Size Unlimited (host RAM dependent)</p> <p>Sound Set Formats DLS (Level 1), XGLite</p> <p>Bundled GeneralMIDI Sound Set(s) 1.2 MB XGLite</p> <p>Built-In Effects Reverb and Chorus</p> <p>Sound Blaster PRO Emulation Yes</p> <p>3D Positioning / Environments</p> <p>Formats Supported I3DL2 / DS3D 7 / EAX 2 / A3D 1</p> <p>Environmental Acoustics EnvironmentFX (EAX compatible)</p> <p>Additional 3D APIs MacroFX / ZoomFX</p> <p>Standard HRTFs 2 Channel</p> <p>Hardware</p> <p>Implimentation AC97 CODEC</p> <p>Audio Signal Link to CPU Audio CODEC (AC) link</p> <p>Full Duplex Yes</p> <p>Stereo Inputs Line In - 20K Impedance</p> <p>Mono Inputs Microphone - 20K Impedance</p> <p>Stereo Outputs Analog, S/PDIF from Port Rep</p> <p>Audio Output Quality</p> <p>Frequency Response 20 Hz - 20 kHz</p> <p>Signal to Noise Ratio >94dB</p> <p>Total Harmonic Distortion 0.01%</p> <p>Noise Floor -120dB</p> <p>Play/Record Sampling Rate(s) 7 kHz - 48 kHz</p> <p>AD/DA Resolution 16 bit</p> <p>Speakers</p> <p>Amplifier Power 2-Watts RMS</p> <p>Speaker Impedance 4-Ohms</p>
802.11b MultiPort Module	<p>Form Factor Compaq "MultiPort"</p> <p>Weight 0.22 lb (100 g) (maximum)</p> <p>Operating Temperature 14° to 149° F (-10° to 65° C), operating</p> <p>Storage Temperature -40° to 176° F (-40° to 80° C), non-operating</p> <p>Humidity Operating 10 to 90%</p> <p>Non operating 5 to 95%</p> <p>Altitude Operating 15,000 ft (4,572 m)</p> <p>Non operating 40,000 ft (12,192 m)</p> <p>Plug and Play USB 1.1 compliant</p> <p>Windows Plug and Play compliant</p>

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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

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

Bluetooth MultiPort Module	Form Factor	Compaq "MultiPort"		
	Bluetooth	1.1 Compliant		
	Dimensions	2.2 x 6.6 x 0.55 in (5.6 x 16.7 x 1.4 cm)		
	Weight	0.22 lb (100 g) (maximum)		
	Temperature	Operating	50° to 104° F (10° to 40° C)	
		Non-operating	-4° to 140° F (-20° to 60° C)	
	Humidity	Operating	10 to 90%	
		Non-operating	5 to 95%	
	Altitude	Operating	0 to 10,000 ft (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:				

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	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

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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

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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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