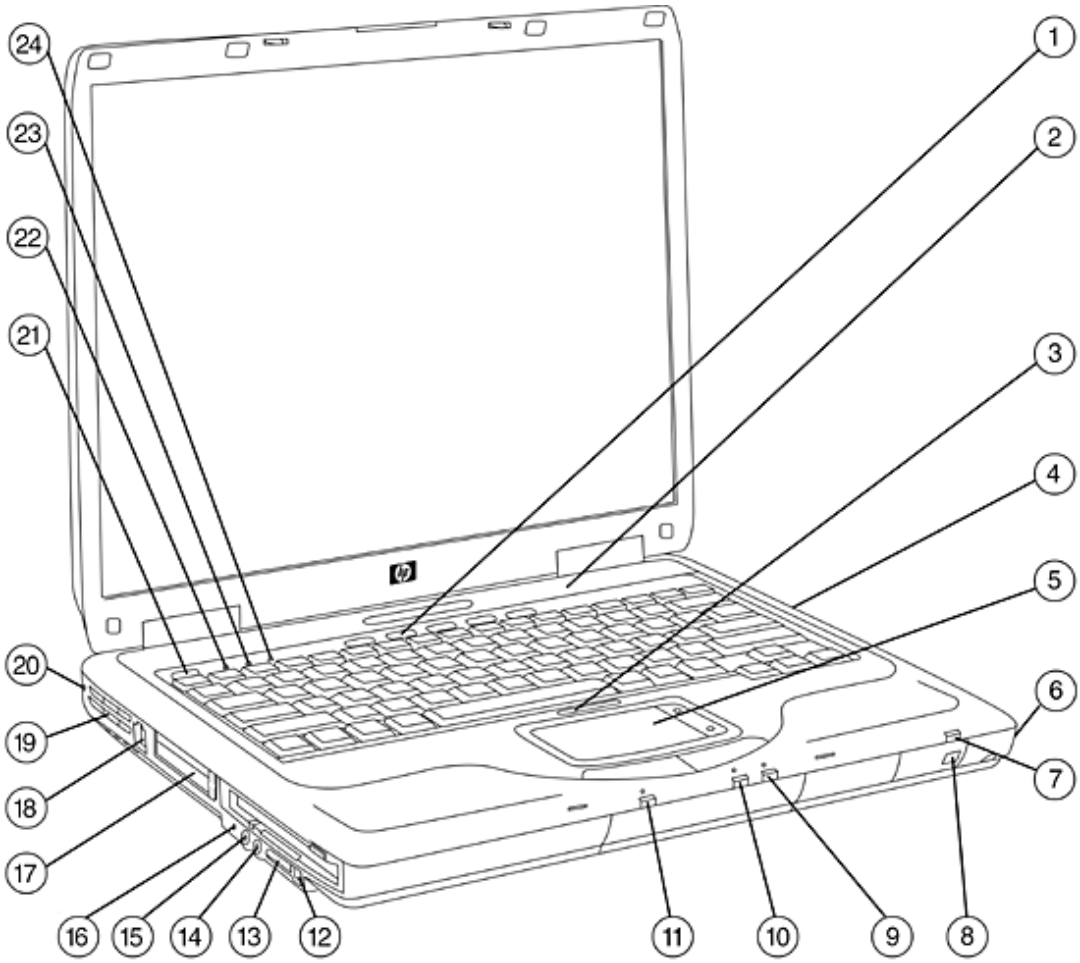
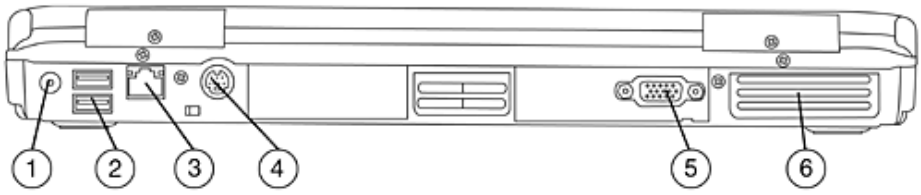
Overview



1. Easy Access Buttons (5)
2. Stereo Speakers
3. Touch Pad On/Off Button
4. Fixed Optical Drive
5. Touch Pad
6. Primary Battery
7. Wireless LED
8. Wireless On/Off Button
9. Battery Charging LED
10. Hard Drive Activity LED
11. System Power LED
12. Mute Lock LED
13. Volume Controls
14. Headphone
15. Audio In
16. 1394 Port
17. PC Card Slots (1)
18. RJ-11 (Modem)
19. Air Vent
20. Kensington Lock
21. Power Button
22. Caps Lock LED
23. Num Lock LED
24. Keypad LED

Overview



1. DC In
2. USB (2)
3. RJ-45
4. S-Video
5. VGA Video
6. Air Vent

At A Glance

- Microsoft® Windows® XP Professional
- Intel® Pentium® M processors with Intel Centrino mobile technology
- Intel 855GM with 400-MHz Front Side Bus
- 15.0-inch display
- Two 266-MHz DDR memory slots with support for up to 2048 MB
- 9.5-mm ATA100 4200-rpm hard drive at 40 GB
- Integrated optical drive = 24x DVD/CD-RW combination drive
- Integrated 10/100 Ethernet NIC
- Integrated 802.11b/g wireless LAN solution
- Integrated 56-K data/fax modem
- Support for a wide range of peripheral devices
- Protected by a one-year, worldwide limited warranty (certain restrictions and exclusions apply). Consult the HP Customer Support Center for details.
- 3-3-0 Flexi-warranty available

What's Special

- Centrino branding with innovative mobile technologies

Standard Features

Processors	Intel Pentium M processor 715* (1.5 GHz, 2MB L2 cache, 400 MHz FSB) Intel Pentium M processor 705 (1.5 GHz, 1MB L2 cache, 400 MHz FSB) NOTE: Intel Pentium M Processors support enhanced Intel SpeedStep™ technology. Processor speed denotes maximum performance mode; processors run at approximately 600 MHz in battery optimization mode. * Intel's numbering is not a measurement of higher performance. All other product names mentioned herein may be trademarks of their respective companies.	
Operating System	Microsoft Windows XP Professional	
Chipset	Intel 855GM Chipset with 400MHz Front Side Bus	
Displays	Internal	15.0-inch XGA display with 1024 x 768 resolution and 16 M colors
	External	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1280 x 1024, or 1600 x 1200 resolutions up to 100-Hz refresh rate, dependent upon monitor capability, and resolution and color depth settings
	NOTE: Durable PC-ABS plastic display enclosure.	
Memory	Standard	Configurable from 256 to 1024 MB 266-MHz DDR SDRAM (SODIMM in slot 1)
	Maximum	2048-MB 266-MHz DDR SDRAM
	NOTE: Uses PC 2700 DDR 333MHz memory module but system runs at 266MHz. Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility.	
Communications	LAN	Integrated 10/100 NIC
	Wireless	Mini PCI 802.11 b/g Intel PRO/Wireless 2200BG 802.11b/g Mini PCI
	Modem	56 KB data/fax modem
	NOTE: Designed only to allow faster downloads from 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 11 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, brightness, display selection, 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.	
Quick Launch Buttons	Five Quick Launch buttons designed to provide one-touch access to commonly used features including Internet access, Wireless on/off, and Presentation mode	
Status indicator	Seven LEDs: System power, battery charging, disk activity, Caps Lock, Num Lock, keypad, and wireless	

Standard Features

Pointing Device	Touchpad with two-way scroll device		
PC Card Slots	One Type I/II PC Card slot; 16-bit PCMCIA and 32-bit CardBus		
Storage	**Hard Drives**	9.5 mm, ATA 100 40 GB, 4200 rpm	
	Optical Drives	**Fixed Bay**	24x DVD/CD-RW combination
Multimedia	AAC Link audio Speakers External volume control Ports for headphone and external microphone Microphone in Intervideo WinDVD enables MPEG2 playback (CD only – SKUs don't get this software) Windows Media Player enables MPEG1 playback (Part of Windows XP) Optical drives: 24x DVD/CD-RW combination **NOTE:** No internal microphone.		
Interfaces	PC Card	One Type I/II slots	
	External Monitor	One port	
	16-bit PCMCIA and 32-bus CardBus	One port	
	Microphone	One port	
	Headphone	One port	
	DC power	Auto/Air adapter support External 65 W three-wire AC adapter	
	RJ-11	One port – modem	
	RJ-45	One port – NIC	
	S-video out	One port Support for NTSC/PAL	
	USB 2.0	Two ports	
	IEEE 1394	One four-pin port	
Graphics	Integrated Intel Extreme Graphics 2 with up to 64MB of shared system memory for graphics		
Audio	AC Link audio Speakers Microphone and headphone jacks Volume control		

Standard Features

Software	**Preinstalled Software**	Adobe Acrobat Reader 6.0 HP Quick Launch Button Software HP Mobile Printing Driver HP Help and Support (XP Only) Synaptics Touchpad Driver WinDVD 4.0 – DVD Player (for optional DVD+RW, DVD/CDRW combo and DVD drives)* Symantec Antivirus software NOTE: Symantec Norton Antivirus 2003 (Complimentary 60 days Live Update). Sonic RecordNow 6.5 (for optional DVD+RW & DVD/CDRW combo drives)
	Software Available on Internet	Microsoft Windows 2000 drivers
	NOTE: *Software is loaded on the HDD and must be installed by running the Setup Compaq Software utility.	
System Recovery	Each unit is shipped with a recovery CD kit containing Operating System Recovery and Driver/Application Recovery CDs. These CDs allow users to either recover or repair the notebook operating system and select drivers without losing personal data. The Operating System CD also provides the option of reinstalling the operating system software provided with the notebook.	
Security	Configuration control through F10 set-up Memory change alert Ownership tag Set-up password Power-on password DriveLock Kensington Lock Slot	
Power Supply	External 65 watt AC adapter with 6-foot (1.8-meter) power cord Total length including external AC adapter is 12 feet (3.66 m)	
Battery	Six-cell Lithium-Ion (2.2)	

Notebook Battery Life benchmark results

HP Compaq nx9030		
Processor/RAM	Pentium M 1.6 Ghz	1 GB
Operating System	XP Pro, SP1a	
HDD/Mfr.	40GB	
Video Driver	Intel 855GME	
Resolution/colors	15.0" XGA	
CD-ROM	DVD RW	
BIOS release	Phoenix NB 4.0 rel 6.0	
Battery chemistry	Li-Ion	
Nominal rating	11.1V, 4.4AH, 48 Wh, 6-cell	

Business Winstone BatteryMark 2004		Run Date	COMMENTS
6-cell, Wireless off	3h 42m		

Standard Features

Power Management Settings	
Scheme	Portable/Laptop
Turn off monitor	Never
Turn off hard disks	Never
System Standby	Never
Hibernation	Off
LCD Brightness	Half brightness under DC power (5/10 clicks)
Volume control	Half
Wireless (802.11 & Bluetooth)	Off

Quick Specs disclaimer:

NOTE: Actual results may vary with product model, configuration, and individual usage. Hewlett-Packard testing of a HP Compaq nx9030 with an Intel Celeron M 1.5GHz CPU, Windows XP Pro, 14.1-inch XGA LCD, 256-MB RAM, 40-GB HDD, 11.1V Lithium-Ion battery, and NIC/modem, achieved an overall Business Winstone 2004 BatteryMark score of **3h 42m** Business Winstone® 2004 BatteryMark™ Version 1.1 units. Winstone® is a registered trademark and BatteryMark™ is a trademark of Ziff Davis Publishing Holdings Inc. in the U.S. and other countries. Copyright 2003 Ziff Davis Media Inc. All Rights Reserved.

Power Conservation

Supports enhanced Intel SpeedStep Technology (which allows Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)

Hibernation

Instant-on via standby

ACPI compliance

NOTE: Enhanced Intel SpeedStep™ technology support is only on Intel Pentium-M processors.

Wireless Devices

Intel PRO/Wireless 2200BG 802.11b/g wireless LAN	Up to 54 Mbps at 2.4 GHz Wi-Fi certified

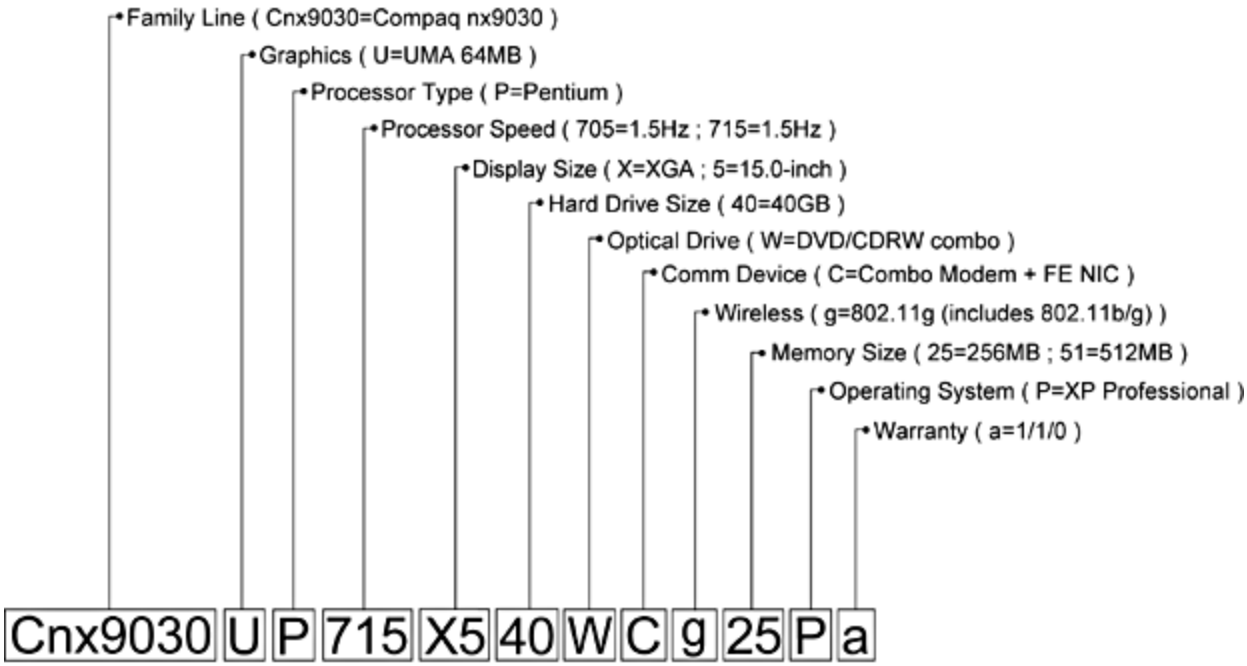
Service and Support

HP Services include a one-year Worldwide Limited Warranty, which covers mail-in, pick-up-and-return (PUR), or carry-in support and defective parts replacement for the first year of ownership.

NOTE: Warranty terms may vary by geographic region. For detailed warranty information, refer to the warranty statement included with the product or to the HP website. http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp.

Standard Features

Naming Convention The Etymology of a Model name:



Models

Hnx9030UP705X540WCc25P
P/N PG526UA#ABA

Processor	Intel Pentium M 705 (1.5GHz) 400 MHz FSB
Operating System	Microsoft Windows XP Pro
Display	15-inch color TFT XGA
Cache Memory	1MB, L2 Cache
Standard Memory	256 MB (1 DIMM) 266 MHz DDR
Maximum Memory	2048 MB (266 MHz) DDR
Hard Drive	40 GB
Optical Drive	DVD/CD-RW Drive
Communications	Type III Mini PCI 56K high speed modem, (LOM) integrated 10/100 NIC Integrated 802.11b/g WLAN
Graphics	Intel Extreme Graphics 2 with 64MB shared system memory
Warranty	One Year

Standard Features

Hnx9030UP715X540WCc51P
P/N PH855AA#ABA

Processor	Intel Pentium M 715 (1.5GHz) 400 MHz FSB
Operating System	Microsoft Windows XP Pro
Additional Software	Microsoft Office 2003 Small Business Edition
Display	15-inch color TFT XGA
Cache Memory	2MB, L2 Cache
Standard Memory	512 MB (2 DIMM) 266 MHz DDR
Maximum Memory	2048 MB (266 MHz) DDR
Hard Drive	40 GB
Optical Drive	DVD/CD-RW Drive
Communications	Type III Mini PCI 56K high speed modem, (LOM) integrated 10/100 NIC Integrated 802.11b/g WLAN
Graphics	Intel Extreme Graphics 2 with 64MB shared system memory
Warranty	One Year

Options

Memory	512-MB 333-MHz DDR Memory Upgrade	DC390B
	256-MB 333-MHz DDR Memory Upgrade	DC389B
	NOTE: System runs at a maximum of 266 MHz with 333 MHz memory modules installed.	
Other Storage Devices	USB Diskette Drive	DC361B
	HP USB Digital Drive with 128MB SD memory	DL702A
	40 GB USB Hard Drive	DQ549A
Power	Lithium-Ion Primary Battery (8 cell)	F4809A
Common Power Solutions	External Battery Charger	DF933A#ABA
	65W AC Adapter	DC359A#ABA
	AC Adapter 90W (required for optional 8 cell battery)	DC895B#ABA
	Auto Power Adapter/Charger (90W)	DC303B
	Aircraft Power Cables (90W)	DC899A
Input Devices	USB Travel Mouse (optical scroll mouse)	F2100A
	USB/PS2 Mouse	DC369A
	Wireless Keyboard and Mouse	DL989A#ABA
Docking	4-Port USB 2.0 Hub	DG954A
Security	Security Cable Lock	DC368A
	PC Card Smart Card Reader	DC350B
Carrying Cases	HP Entry Value Carrying case	DL617A
	HP Top Load Leather Case	DC917A
	HP Sport Backpack	DG102A

HP Compaq nx9030 Business Notebook

Up to 2048 MB of 266-MHz DDR SDRAM memory
Two DIMM slots (user accessible under the keyboard deck)
DIMM sizes supported: 128 MB, 256 MB, 512 MB, or 1024 MB

Standard Memory

- 128 MB (128 MB x 1)
- 256 MB (256 MB x 1)
- 512 MB (512 MB x 1 or 256 MB x 2)
- 1024 MB (512 MB x 2)

NOTE: Configuration offered only up to 1024 MB.

Optional Memory Upgrades

Support for up to 2048 MB of memory is available (with the installation of optional DDR SDRAM memory kits)

Memory	Slot 1	Slot 2
128 MB	128 MB	Empty
256 MB	256 MB	Empty
512 MB	256 MB	256 MB
512 MB	512 MB	Empty
768 MB	512 MB	256 MB
1024 MB	1024 MB	Empty
1024 MB	512 MB	512 MB
1280 MB	1024 MB	256 MB
1536 MB	1024 MB	512 MB
2048 MB	1024 MB	1024 MB

NOTE: This chart does not represent all possible memory configurations.
NOTE: Due to the non industry standard nature of some third-party memory modules, we strongly recommend using only HP branded memory modules to ensure compatibility.

Memory Upgrades

1024 MB 333 MHz	DC890B
512 MB 333 MHz	DC390B
256 MB 333 MHz	DC389B

NOTE: System runs at a maximum of 266 MHz with 333 MHz memory modules installed

Removable Media Drive Support

System Drive Support	Quantity Supported
DVD/CD-RW combination	Up to one

Hard Drive Support

System Drive Support	Drive Bay Supported
40-GB 4200 rpm SMART Hard Drive	Dedicated hard drive bay

System Unit	**Dimensions** (HxWxD)	15.0-inch TFT panel display support	12.96 x 10.72 x 1.65 in for 15-inch LCD 32.92 x 27.23 x 4.19 cm for 15-inch LCD)
	Weight	With 6-cell std battery	6.78 lb (3.08 kg) with 15.0-inch display
		With 8-cell std battery (option)	6.99 lb (3.17 kg) with 15.0-inch display
	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	11.1V (on 6-cell battery) 14.8V (on 8-cell battery) 18.5V (on AC power)
		Average Operating Power	9.76W (on battery) (with portable/laptop) 19.41W (on AC power)
		Peak Operating Power	65W
		Power in suspend mode	< 200 mW
		Power in hibernation mode	< 50 mW
	Temperature	Operating	50° to 95° F (10° to 35° C)
		Non-operating	-4° to 140° F (-20° to 60° C)
	Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 90% relative humidity, 101.6° F (38.7° C) maximum wet bulb temperature
	Shock	Operating	50 G, 2 ms, half-sine
		Non-operating	175 G, 2 ms, half-sine
	Random Vibration	Operating	0.75 grms
		Non-operating	1.50 grms
	Vibration	Operating	0.5 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate
		Non-operating	1.0 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate
	Altitude	Operating	-50 to 10,000 ft (-15.24 to 3,048 m)
		Non-operating	-50 to 40,000 ft (-15.24 to 12,192 m)
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft (3,048 m) (14.7 to 10.1 psia)
		Non-operating	0 to 30,000 ft (9,144 m) (14.7 to 4.4 psia)
	Industry Standard Certifications	Blue Angel	No
		UL	Yes
		Energy Star	Yes
		Canadian Safety	Yes
		CSA (Canada)	Yes
		TUV GS	No
		Nordic Safety	No
		Mexican Safety	Yes
		Poland Compliance	Yes
		Australia/NZ Compliance	Yes
		CCC	Yes
		Taiwan Greenmark	Yes
		Japan Compliance	Yes
		MIC	Yes
		BSMI	Yes
		CE Marking Compliance	Yes
		KONCAR	Yes
		GOST	Yes
		SASO	Yes
		SABS	Yes

		UKRSERTCOMPUTER	Yes	
External AC Adapter	**Weight**	0.535 lb (0.24 kg) (adapter) 0.29 lb (0.13 kg) (power cord)		
	Power Supply (Input)	Operating Voltage	100 to 240 VAC RMS	
		Operating Current	1.7 A RMS	
		Operating Frequency Range	47 to 63 Hz AC	
		Maximum Transient	4/50 kV	
Primary Lithium-Ion Battery Pack	**Dimensions** (H x W x L)	2.1 x 9.505 x 13.4.68 cm		
	Weight	0.75 lb (0.34 kg)		
	Cells/Type	6-cell Lithiurn-Ion	3S2P	
	Energy	Voltage	11.1V	
		Amp-hour capacity	4.4 Ahr	
		Watt-hour capacity	50 Whr	
	Temperature	Operating	Discharge	32° to 158° F (0° to 70° C)
			Charge	32° to 140° F (0° to 60° C)
		Non-operating	For 1 month	-4° to 140° F (-20° to 60° C)
			For 3 months	-4° to 113° F (-20° to 45° C)
			For 6 months	-4° to 86° F (-20° to 30° C)
	Battery Re-Charge Time	System in OFF mode or Standby	~2.3 hours	
		System ON (depending on system power consumption)	Depend on system loading	
15.0-Inch Color TFT XGA Display	**Dimensions** (H x W x L)	11.8 x 9.0 in (30.4 x 22.8 cm)		
	Diagonal Size	15.0 in (38.0 cm)		
	Mounting	Internal		
	Number of Colors	16 M		
	Contrast Ratio	250:1 typical		
	Refresh Rate	60 Hz		
	Brightness	150 nit typical		
	Pixel Resolution	Pitch	0.297 x 0.297 mm	
		Format	1024x 768	
		Configuration	RGB Stripe	
	Backlight	CCFT		
	Character Display	80 x 25		
	Total Power Consumption	5.5 W		
	Viewing Angle	±40° degrees Horizontal, +20°/-40° Vertical (typical)		

Hard Drives

40-GB 4200 rpm	**Drive Weight**	0.22 lb (102 g)	
	Capacity	40 GB	
	Height	0.374 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	Interface	ATA-5	
	Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
	Seek Time (typical reads, including settling)	Single Track	3.0 ms
		Average	13 ms
		Maximum	24 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	78,140,160	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	ATA security	

24x DVD/CD-RW Combination Drive	**Dimensions**	0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm)	
	Weight	0.551 lb (250 g)	
	Access Times	Random	<110 ms CD
			<130 ms DVD
		Full Stroke	<210 ms CD
			<225 ms DVD
	Max data transfer rate	24X CD-ROM	3,600 KB/s
		24X CD-R	3,600 KB/s
		24X CD-RW	3,600 KB/s
		8X DVD-ROM	10,500 KB/s
	Transfer Mode	Multiword DMA Mode 2	
	Interface	EIDE	
	Supported Media (read)	CD-DA, CD+(E)G, CD-MIDI, CD-TEXT, CD-ROM, CD-ROM XA, MIXED MODE CD, CD-I, CD-I Bridge (Photo-CD, Video CD), Multisession CD (Photo-CD, CD-EXTRA, Portfolio, CD-R, CD-RW), CD-R, CD-RW, DVD-ROM, DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-RAM	
	Supported Media (write)	CD-R, CD-RW	
	Max Media Capacity (read)	4.7GB	
	Max Media Capacity (write)	700MB	
	Transport	Tray Loading	

Audio	Hardware	Implementation	AC97 CODEC
		Audio Signal Link to CPU	Audio CODEC (AC) link
		Full Duplex	Yes
		Stereo Inputs	Line In - 20K Impedance (with Port Replicator only) Microphone - 20K Impedance
		Stereo Outputs	Headphone jack, S/PDIF from Port Replicator only
	Audio Output Quality	Frequency Response	20 Hz – 20 kHz
		Signal to Noise Ratio	>90dB
		Total Harmonic Distortion	0.01%
		Noise Floor	-120dB
		Play/Record Sampling Rate(s)	7 kHz - 48 kHz
		AD/DA Resolution	16 bit

Communications

Intel Pro/Wireless 2200BG 802.11b/g WLAN	**Wireless LAN Standards**	IEEE 802.11b IEEE 802. 11g	
	Interoperability	Wi-Fi certified (details available at http://www.hp.com/go/WLAN)	
	Frequency Band	2.402 to 2.494 GHz	
	Data Rates	802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6, 9, 12,18, 24, 36, 48, 54 Mbps	
	Modulation	Direct Sequence Spread Spectrum DBPSK, DQPSK, CCK, OFDM	
	Security	64 and 128 bit WEP encryption Support for WiFi Protected Access (WPA) including TKIP, MIC Support for 802.1x authentication types: EAP-TLS, LEAP (Cisco), PEAP ((Microsoft implementation); more details available at http://www.hp.com/go/WLAN). Support for Cisco Security Features (proven compatibility with Cisco Aironet infrastructure products through the Cisco Compatible Extensions Program).	
	Sub-channels	Multinational support with frequency bands and channels compliant to local regulations.	
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK	
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)	
	Roaming	IEEE 802.11 compliant roaming between access points.	
	Output Power	16 ±2 dBM for CCK 11 +6/-1 dBM for OFDM (power varies by data rate) Maximum output power may vary by country according to local regulations	
	Power Consumption	Transmit: 1.8 Watts (max) Receive: 1.0 Watts (max) Idle mode: 75mW, nominal	
	Power Management	ACPI compliant power management 802.11 Compliant Power Saving Mode	
	Receiver Sensitivity[1]	54 Mbps: -72 dBm, 11 Mbps: -84 dBm , 1 Mbps: -94 dBm	
	Antenna type	High efficiency dual band antenna with polarization diversity, mounted in the display enclosure	
	Range (typical)	Outdoor	1200 feet at 1 Mbps 250 feet at 54 Mbps
		Indoor	300 feet at 1 Mbps 50 feet at 54 Mbps
	Form Factor	MiniPCI Type IIIB	
	Weight	0.026 lb (11.75 g) max	
	Dimensions	0.20 x 1.75 x 2.34 in (4.9 x 44.6 x 59.8 mm)	
	Operating Voltage	3.3v	
	Temperature	Operating	32° to 158° F (0° to 70° C)
		Non-operating	-40° to 176° F (-40° to 80° C)

	Humidity	Operating	10 to 90% (non-condensing)
		Non-operating	5 to 95% (non-condensing)
	Altitude	Operating	0 to 10,000 ft (0 to 3,048 m)
		Non-operating	0 to 50,000 ft (0 to 15,240 m)
	Configuration Utility	Choice of Configuration Utility: • Intel PROset for Microsoft Windows 2000 or XP (required for Cisco Compatible Extensions support) • Microsoft Windows XP Wireless Zero Configuration Utility NOTE: May also be compatible with certain third party software supplicants.	
	LED Activity	LED Off – Radio OFF; Solid LED On – Radio ON	

1 Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

Integrated 10/100 NIC	**Ethernet Features**	10 Mbit/s operation (10BASE-T; IEEE 802.3i; IEEE 802.3 clauses 13-14)
		100 Mbit/s operation (100BASE-TX; IEEE 802.3u; IEEE 802.3 clauses 21-30)
		Auto-Negotiation (Automatic Speed Selection)
		Full Duplex Operation at all Speeds, Half Duplex operation at 10 and 100 Mbit/s
		IEEE 802.3x Flow Control (IEEE 802.3 clauses 31-32; configurable)
	Power Management	ACPI 1.1a compliant -- multiple power modes Situation-sensitive features reduce power consumption
	Manageability	Wake-on-LAN from all Power-Managed States (configurable; Magic Packet and Microsoft Wake-Up Frame)
		PXE 2.0 Remote Boot
		Statistics Gathering (RMON, Ethernet-like MIB, Ethernet MIB (802.3x, clause 30))
		Comprehensive diagnostic and configuration software suite
	NIC Device Driver Name	Broadcom 440X 10/100 Integrated Controller
	Drivers Available	Windows XP
		Windows 2000
		DOS NDIS2 and ODI

Conexant Modem	Form Factor	Modem On Motherboard
	Power Management Support	APM Revision 1.2, ACPI
	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	High speed 56K Modem (a-law, mu-law) V.8bis V.80 V44, V.42bis, 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 TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
	Fax Mode Capabilities	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
	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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