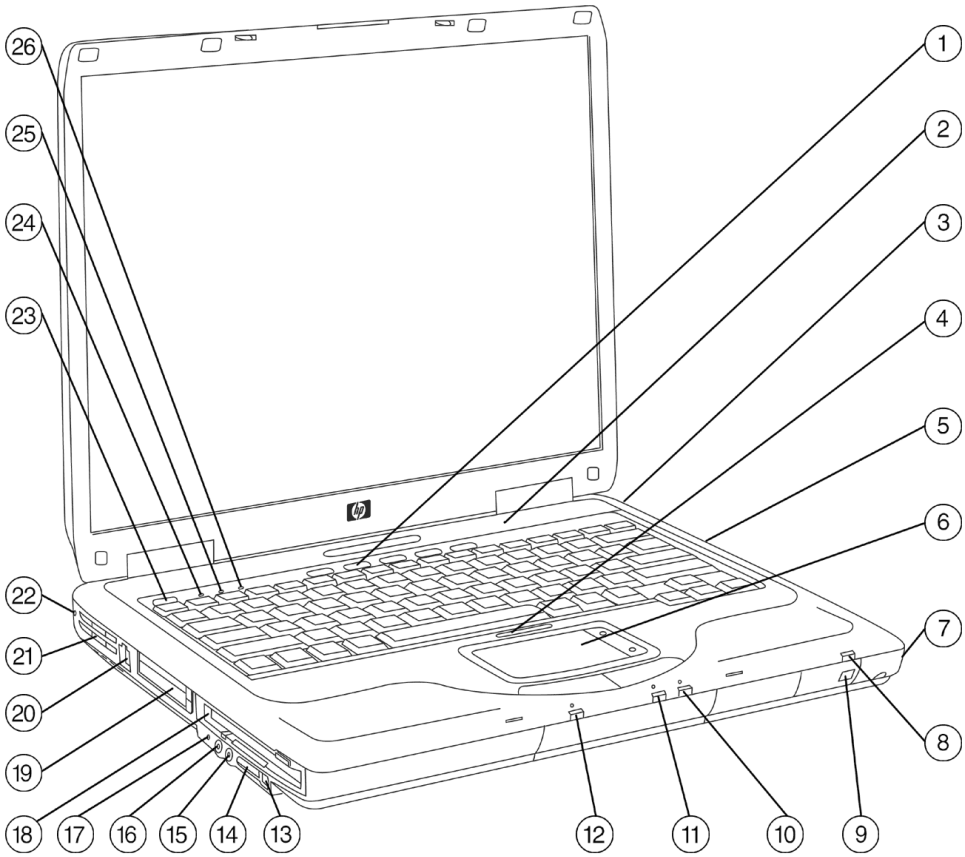
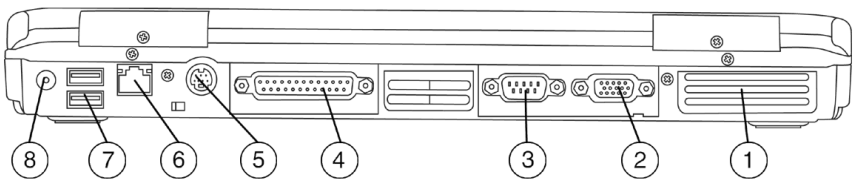
Overview



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



1. Air Vent
2. VGA Video
3. Serial
4. Parallel Port
5. S-Video
6. RJ-45 (NIC)
7. USB Ports (2)
8. DC In

Overview

What's New

- Mobile AMD Athlon™ XP-M processors – up to 1.80 GHz with enhanced PowerNow™ technology
- Two Type II PC Card Slots
- Available Integrated 802.11b WLAN
- Available Integrated 802.11g "pre-standard" WLAN
- Touchpad with On/Off button
- Touchpad with dedicated On/Off button and dedicated scroll

At A Glance

- Mobile AMD Athlon™ XP-M processors – up to 1.8 GHz with enhanced PowerNow technology
- UMA architecture
- 15-inch XGA, SXGA+ and 14.1-inch XGA display
- Configurations as light as 6.75 lb/3.06 kg and as thin as 1.51 in/3.84 cm thin(14-inch panel)
- 256MB or 512MB DDR SDRAM (266 MHz), Upgradeable to 1GB
- Up to 60GB (4200 rpm) hard drive
- Integrated NIC, modem and available 802.11b and 802.11g Wireless LAN
- Full-size keyboard with five Quick Launch Buttons
- Microsoft Windows XP Professional, or Microsoft Windows XP Home
  NOTE: Microsoft Windows 2000 driver support through web
- Includes a one-year, Worldwide Limited Warranty. Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

What's Special

- Mobile AMD Athlon™ XP-M
- All-in-one convenient design
- Designed for affordability
- IEEE 1394

Standard Features

Processors and Chipset One of the following:	Mobile AMD Athlon XP-M 2400+ (Quanti speed architecture running at 1.80 GHz) with 512KB L2 cache Mobile AMD Athlon XP-M 2200+ (Quanti speed architecture running at 1.80 GHz) with256KB L2 cache Chipset: ATI Radeon IGP 320M (Mobility U1) / ALI M1535+ NOTE: Mobile AMD Athlon XP-M uses AMD's enhanced PowerNow technology.	
Displays	Internal	15-inch color TFT SXGA+ with 1400 x 1050 resolution (up to 16.7M colors internal) 15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal) 14.1-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
	External	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1280 x 1024, or 1600 x 1200 resolutions up to 100-Hz refresh rate, dependent upon monitor capability, and resolution and color depth settings
Memory	Standard	256 MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1) or 512 MB (266 MHz) DDR SDRAM (512 MB SODIMM in slot 1)
	Maximum	1 GB (266 MHz) DDR SDRAM (512MB (266 MHz) in slot 1 and 2)
	NOTE: 256MB of DDR (64MB standard shared video memory) NOTE: Up to 64MB shared video memory user configurable	
Communications	Integrated 10/100 NIC Integrated 56K (V.92) modem 802.11b on select models 802.11g "pre-standard g" (availability dependent on country regulations) NOTE: Pre-Standard G: This notebook uses and is compatible with 54g products	
Keyboard	Full-size desktop-compatible keyboard; special feature hotkeys for instant access to toggling between internal and external displays, or simultaneous displays and brightness Oversized keys and separate cursor control keys (87 keys) – 101-key compatible	
Easy Access Buttons	Five-One Touch Quick Launch Buttons.	
Pointing Device	Touch pad with on/off button and dedicated scroll up/down surface	
PC Card Slots	Two Type II PC Card slots with support for 16-bit PCMCIA and 32-bit Cardbus	
Storage	Fixed Diskette Drive (Optionally 1.44 MB Diskette Drive available)	
	Primary Hard Drive	60-GB 4200 rpm SMART Ultra ATA Hard Drive or 40-GB 4200 rpm SMART Ultra ATA Hard Drive or 30-GB 4200 rpm SMART Ultra ATA Hard Drive
	Fixed Optical Drive	DVD/CD-RW combo Drive DVD Drive CD Drive
Audio	Integrated Speakers, Volume control & Mute buttons, AC/97, SoundBlaster Pro compatible, 16-bit stereo sound	

Standard Features

Multimedia

Dual Speakers with bass reflex and 16-bit stereo sound
Dedicated Hardware volume controls and Hotkeys
Headphone-out port
Microphone in port
Software MPEG1 support, MPEG2 and DVD
DVD/CD-RW Combination Drive (on select models)
DVD-ROM Drive with movie playback software (on select models)
CD-ROM Drive (on select models)
S-video Port
IEEE 1394 Port
4X AGP graphics
16MB or 64MB of DDR (Double Date Rate) shared video memory

Interfaces

PC Card	2 Type II
Enhanced Parallel EPP/ECP	1
PS/2	1
S-Video	1
VGA	1
1394	1
Port Replicator – select models	1
Headphone/Line-out	1
Microphone-in	1
Serial Port	1
DC Power	1
RJ-11 (modem)	1
RJ-45 (NIC)	1
USB 1.1 Port	2
LED status indicators	8

- System power
- Battery charging
- Hard drive activity
- Caps lock
- Num lock
- Keypad
- Wireless
- Mute Lock

Graphics

UMA architecture – ATI Mobility™ Radeon™, AGP 4x and 3D Architecture, MPEG2 and DVD playback, standard 16MB shared w/128MB main memory, 64MB shared w/256MB or more main memory, configurable up to 64MB.

Operating System

Microsoft Windows XP Professional (requires 256MB of memory minimum) preinstalled or
Microsoft Windows XP Home (limited language availability) preinstalled
NOTE: Microsoft Windows 2000 Driver support via web

Standard Features

Software

Intervideo WinDVD Playback Software
Roxio Easy CD Creator (on CDRW, DVD/CDRW)
Safety and Comfort Guide
Acrobat Reader
Reference Guide
One touch button software
Symantec Norton Anti-virus
HP Help and Support
Microsoft Office on select models

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. (erases hard disk and restores the manufacturer installed image)

Security

Power-on Password
Kensington MicroSave security slot; accepts 3rd party security lock devices.

Power Supply

External 90-Watt AC adapter, power cord included.

Battery

The HP Compaq Business Notebook nx9005 provides over 2 ½ hours of battery life using the standard 8-cell Lithium-Ion battery, 4.4Ahr and Smart Battery Technology (provides accurate, instantaneous battery status).

NOTE: Actual results may vary with product model, configuration, and individual usage. Hewlett-Packard testing of a nx9005 with an AMD Athlon 1600+ CPU, Windows XP Pro, 15.0-inch XGA LCD, 256-MB RAM, 20-GB HDD, DVD, Lithium-Ion battery, and NIC/modem, achieved an overall Business Winstone 2002 BatteryMark score of 2h 56m Business Winstone® 2002 BatteryMark™ Version 1.0 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 2002 Ziff Davis Media Inc. All Rights Reserved. System parameters followed test recommendations: panel brightness 50%, power management scheme - Laptop/Portable, hard drive, standby and video timers set to never.

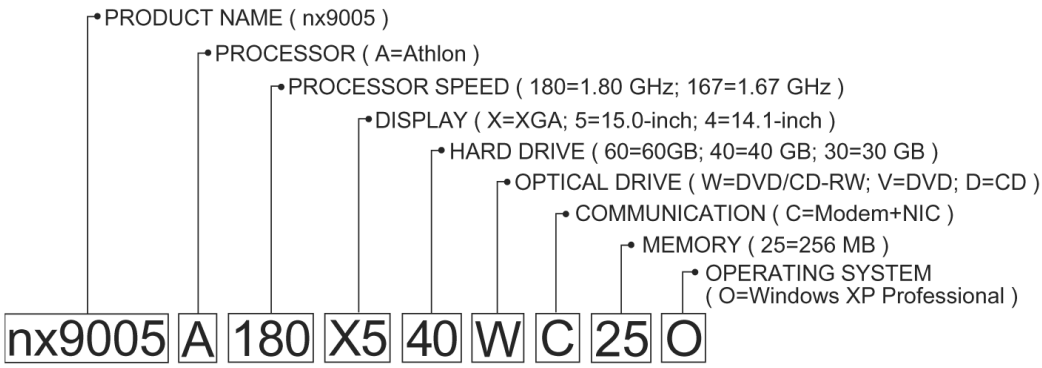
Power Conservation

Hibernation
Instant-on via Standby
One custom level of power conservation
Energy Star Compliant

Service and Support

HP Services includes a one-year, Worldwide Limited Warranty, pick-up or carry-in; upgraded warranty and toll-free 7 x 24 hardware technical phone support available.

NOTE: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.



Standard Features

Models

nx9005A180X530VC25O P/N DK992A#ABA	**Display**	15-inch color TFT XGA
	Processor	1.80 GHz Athlon XP 2200+
	Cache Memory	512 KB, L2 Cache
	Standard Memory	256 MB (1 DIMM) 266 MHz DDR
	Maximum Memory	1024 MB (266 MHz) DDR
	Hard Drive	30 GB
	Optical Drive	DVD ROM Drive
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP 320M Integrated UMA architecture ATI 4X AGP 3D accelerator
	Audio	16-bit stereo sound integrated speakers
	Operating System	Microsoft Windows XP Pro
	Warranty	One Year

nx9005A180X540WC25O P/N DK993A#ABA	**Display**	15-inch color TFT XGA
	Processor	1.80 GHz Athlon XP 2400+
	Cache Memory	512 KB, L2 Cache
	Standard Memory	256 MB (1 DIMM) 266 MHz DDR
	Maximum Memory	1024 MB (266 MHz) DDR
	Hard Drive	40 GB
	Optical Drive	DVD/CD-RW Drive
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP 320M Integrated UMA architecture ATI 4X AGP 3D accelerator
	Audio	16-bit stereo sound integrated speakers
	Operating System	Microsoft Windows XP Pro
	Warranty	One Year

Options

Storage	USB 16MB Disk on Key	DF517A
	IBM 1GB Microdrive	217390-B25
	USB Diskette Drive	230330-B25
Memory	128MB (266 MHz) DDR RAM Memory Upgrade	269085-B25 or DC388A
	256MB (266 MHz) DDR RAM Memory Upgrade	269086-B25 or DC389A
	512MB (266 MHz) DDR RAM Memory Upgrade	269087-B25 or DC390A
Expansion	Simple Port Replicator (USB 1.1)	F4808A
Power	Primary Battery Pack	F4809A
	AC Adapter 90W	F4813A#ABA
	Auto/Truck Adapter 90W	DC303A
Carrying Cases	Executive Nylon Case	DC916A
	HP Top Load Leather Carrying Case	DC917A
Security	PC Card Biometrics ID Device	146805-B25
	PC Card Smart Card Reader	135646-B25
	Security Cable Lock	294316-B21
Input/Output Devices	External 10-Key Numeric Keypad (PS/2)	294317-B21
	USB/PS2 Keyboard	118003-009
	USB/PS2 Mouse	103180-B22
	USB Diskette Drive	F5101A
	USB Travel Mouse	F2100A

Options

Monitors	Compaq S9500 CRT Monitor (19-inch, Carbon/Silver)	261615-003
	Compaq S7500 CRT Monitor (17-inch, Carbon/Silver)	261606-001
	Compaq S5500 CRT Monitor (15-inch Carbon/Silver)	261602-001
	Compaq TFT1501 Flat Panel Monitor (15-inch, Carbon/Silver, North America)	301042-003
	Compaq TFT1701 Flat Panel Monitor (17-inch, Carbon/Silver, North America)	292847-003
	Compaq V7550 CRT Color Monitor (17-inch, Carbon/Silver)	261611-003
	Compaq TFT1720 Flat Panel Monitor (17-inch, Carbon/Silver, North America)	295926-003
	Compaq FT1720M Flat Panel Monitor (17-inch, (Carbon/Silver, includes speaker, USB port, headphone, North America)	301958-003
	Compaq TFT1520 Flat Panel Monitor (15-inch, Carbon/Silver, North America)	295925-003
	Compaq TFT1520M Flat Panel Monitor (15-inch, (Carbon/Silver includes speaker, USB port, headphone, North America)	301957-003
	HP P930 CRT Monitor (19-inch, Flat-screen, Carbon/Silver, North America)	302268-003
	HP P1130 CRT Monitor (21-inch, Flat-screen, Carbon/Silver, North America)	302270-003
	HP L1825 Flat Panel Monitor (18-inch, Carbon/Silver, North America)	303486-003
	HP L2025 Flat Panel Monitor (20-inch, Carbon/Silver, North America)	303102-003
	Compaq TFT1825 Flat Panel Monitor (18-inch, Carbon/Silver, North America)	296751-003
	Compaq TFT2025 Flat Panel Monitor (20-inch, Carbon/Silver, North America)	285550-003

HP Compaq Business Notebook nx9005

Standard Memory Plus Optional Memory

Support for up to 1024 MB total 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	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 or DC390A
- 256-MB (266 MHz) Memory Upgrade 269086-B25 or DC389A
- 128-MB (266 MHz) Memory Upgrade 269085-B25 or DC388A

Drive Support

System Drive Support	Quantity Supported	Drive Supported
1.44-MB Diskette Drive (optionally available)	1/0	Dedicated diskette drive
DVD/CD-RW Combo Drive	1	Dedicated optical drive
DVD-ROM Drive	1	Dedicated optical drive
Max CD-ROM Drive	1	Dedicated optical drive
Hard Drives		
60-GB Hard Drive	1	Dedicated hard drive bay
40-GB Hard Drive	1	Dedicated hard drive bay
30-GB Hard Drive	1	Dedicated hard drive bay

System Unit	**Dimensions** (HxWxD)	14.1-inch TFT panel displays	1.51 x 12.96 x 10.72 in (3.84 x 32.75 x 27.23 cm)
		15-inch TFT panel displays	1.62 x 12.96 x 10.72 in (4.12 x 32.75 x 27.23 cm)
	Weight	14.1-inch TFT panel displays	6.75 lb (3.06 kg)
		15-inch TFT panel displays	7.25 lb (3.29 kg)
	NOTE: * = Weight varies by configuration.		
	Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)	14.4 V (8-cell)
		Average Operating Power	29.7 W Desktop
		Peak Operating Power	82 W on AC 55 W on DC
		Power in suspend mode	< 1000 mW
		Power in hibernation mode	< 100 mW
	Power Supply	Rated Input Voltage	100 to 240 VAC
		Rated Input Current	4.74 A
		Rated Frequency	50 to 60 Hz
	Temperature	Operating	50° to 95° F (10° to 35° C)
		Non-operating	14° to 140° F (–10° to 60° C)
	Relative Humidity	Operating	10% to 90% relative humidity, non-condensing
		Non-operating	5% to 90% relative humidity, 101.6° F (38.7° C) Maximum wetbulb temperature
	Shock	Operating	10 G, 11 ms, half-sine
		Non-operating	60 G, 11 ms, half-sine
	Vibration	Operating	0.5 G zero-to-peak, 10 to 500 Hz, 0.25 oct/min sweep rate
		Non-operating	1.0 G, zero-to-peak, 10 to 500 Hz, 0.5 oct/min sweep rate
	Maximum Altitude (unpressurized)	Operating	0 to 10,000 ft (0 to 3,048 m)
		Non-operating	0 to 30,000 ft (0 to 9,144 m)

14.1-Inch Color TFT XGA Display	**Dimensions** (H x W)	11.22 x 8.46 in (28.5 x 21.5 cm)	
	Diagonal Size	14.1 in (35.81 cm)	
	Mounting	Internal Panel Supports, Side Mounted	
	Number of Colors	Up to 16.8M	
	Contrast Ratio	150:1	
	Brightness	120nt typ	
	Pixel Resolution	Pitch	0.264 x 0.264 mm
		Format	1024 x 768
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	4.2W	
	Viewing Angle	+/-35° degrees Horizontal, +15°/-35° Vertical (typical)	

15-Inch Color TFT SXGA+ Display	**Dimensions** (H x W)	11.8 x 9 in (30.4 x 22.8 cm)	
	Diagonal Size	15 in (38 cm)	
	Mounting	Internal Panel Supports, Side Mounted	
	Number of Colors	Up to 16.8M	
	Contrast Ratio	150:1	
	Brightness	105nt typ	
	Pixel Resolution	Pitch	0.218264 x 0.218264 mm
		Format	1400 x 1050
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	5.75W	
	Viewing Angle	+/-35° degrees Horizontal, +15°/-35° Vertical (typical)	

15-Inch Color TFT XGA Display	**Dimensions** (H x W)	11.8 x 9 in (30.4 x 22.8 cm)	
	Diagonal Size	15 in (38 cm)	
	Mounting	Internal Panel Supports, Side Mounted	
	Number of Colors	Up to 16.8M	
	Contrast Ratio	150:1	
	Brightness	150nt typ	
	Pixel Resolution	Pitch	0.297 x 0.297 mm
		Format	1024 x 768
		Configuration	RGB stripe
	Backlight	Edge Lit	
	Character Display	80 x 25	
	Total Power Consumption	5.0W	
	Viewing Angle	+/-35° degrees Horizontal, +15°/-35° Vertical (typical)	

Hard Drives

60-GB (4200 rpm)	**Drive Weight**	0.34 lb (155 g)	
	Capacity	60 GB	
	Height	0.374 in (9.5 mm)	
	Width	70 mm	
	Interface	ATA-5	
	Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track	3 ms
		Average	13 ms
		Maximum	25 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	117,210,240	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security

40-GB (4200 rpm)	**Drive Weight**	0.21 lb (95 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)
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track	3.0 ms
		Average	13 ms
		Maximum	25 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	78,140,160	
	Operating Temperature	41° to 131° F (5° to 55° C)	
30-GB (4200 rpm)	**Drive Weight**	0.22 lb (99 g)	
	Capacity	30 GB	
	Height	0.374 in (9.5 mm)	
	Width	2.75 in (70 mm)	
	Interface	ATA-5	
	Transfer Rate	Synchronous (maximum)	100 MB/s (Drive Capability)
		Security	ATA Security
	Seek Time (typical reads, including settling)	Single Track	2.5 ms
		Average	12 ms
		Maximum	23 ms
	Rotational Speed	4200 rpm	
	Logical Blocks	58,605,120	
	Operating Temperature	41° to 131° F (5° to 55° C)	
Diskette Drive	**Diskette Size**	3.5 in	
	Height	0.5 in (12.7 mm)	
	Bytes per Sector	512	
	Sectors per track	High density	18 (1.44 MB)/15 (1.2 MB)
		Low density	9
	Tracks per side	High density	80 (1.44 MB)/80 (1.2 MB)
		Low density	80
	Read/Write heads	2	
	Access Times	Track-to track (high/low)	3 ms/6 ms
		Average (high/low)	94 ms/174 ms
		Settling time	15 ms
		Latency average	100 ms
External AC Adapter without Power Faction Correction	**Weight**	0.67 lb (0.304 kg)	
	Power Supply (Input)	Operating Voltage	100 to 240 VAC RMS
		Operating Current	1.7 A RMS
		Operating Frequency Range	47 to 63 Hz AC

Lithium-Ion Battery Pack (8-cell)	**Dimensions** (L x W x D)	5.25 x 3.63 x 0.75 in (13.4 x 9.2 x 1.9 cm)	
	Weight	0.96 lb (0.43 kg)	
	Energy	Voltage	14.8 V
		Amp-hour capacity	Typical 4.4 Ah
		Watt-hour capacity	Typical 64 Wh
	Temperature	Operating	32° to 140° F (0° to 60° C)
		Non-operating	–4° to 140° F (–20° to 60° C)
DVD/CD-RW Drive	**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 CD	< 110 ms
		Full-Stroke CD	< 210 ms
		Random DVD	< 130 ms
		Full-Stroke DVD	< 225 ms
	Audio Output Level	0.7 – 0.9 Vrms	
	Cache Buffer	2 Mbytes (minimum)	
	Data Transfer Rate (typical, including settling)	CD-R (24X)	3600 KB/s (150 KB/s at 1X CD rate)
		CD-RW (10X)	1200 KB/s (150 KB/s at 1X CD rate)
		CD-ROM (24X)	3600 KB/s (150 KB/s at 1X CD rate)
		DVD (8X)	10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)	16.6 MB/s
	Start-up Time	Single	< 9 seconds (typical)
		Multi-Session	< 30 seconds (typical)
	Stop Time	< 6 seconds (typical)	
DVD-ROM Drive	**Center Hole Diameter**	0.59 in (1.5 cm)	
	Disk Diameter	12 cm/8 cm	
	Disk Thickness	1.2 mm	
	Track Pitch	0.74 µm (DVD)/1.6 µm (CD)	
	Access Times (typical reads, including settling)	Random (typical)	< 125 ms DVD Media
		Full-Stroke (typical)	< 225 ms DVD Media
		Random (typical)	< 100 ms CD Media
		Full-Stroke (typical)	< 175 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)
	Start-up Time	< 12 seconds Typical	
	Stop Time	< 3 seconds Typical	

24X CD-ROM Drive	**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	0.59 in (15 mm)	
	Disk Diameter	12 cm, 8 cm	
	Disk Thickness	0.047 in (1.2 mm)	
	Track Pitch	1.6 μm	
	Access Times (typical reads, including settling)	Random	< 110 ms
		Full-Stroke	< 220 ms
	Audio Output Level	Line-out	0.7-0.9 Vrms
	Cache Buffer	128 KB	
	Data Transfer Rate (typical, including settling)	CD-ROM	3600 KB/s Maximum
	Start-up Time	< 10 seconds	
	Stop Time	< 5 seconds	

Integrated Conexant 56K ACLink Modem	Form Factor	Integrated 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	V.92 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 V44.bis, MNP5 (Compression) V42.bis, MNP5 (Compression) V.42 (LAPM, MNP2-4) (Error Correction) V.34 (file date: 10/96) Optional symbol rates: 2800, 3429 Asymmetric Symbol rates Synchronous primary channel data signaling rates: 3600, 31200 Automatic rate re-negotiation V.32bis V.32 V.23 V.22bis V.22 V.21 Bell 212A Bell 103J
	Fax Mode Capabilities	TIA-578-S (Class 1) T.30, T.4 (Group 3) V.17 V.29 V.27ter V.21 Channel 2
	Command Set	V.250 (Partial) TIA-602 Identification: +GMI, +GMM, +GMR Port control: +IPR, +ICF, +IFC, +ILRR Modulation: +MS, +MR, +MA Error control: +ES, +ER, +EB, +ESR, +ETBM Data compression: +DS, +DR V.251

Integrated 10/100 NIC	NIC Device Driver Name	National Semiconductor Corp. DP83815/816 10/100 MacPhyter PCI 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 Standby (S3)
		Lower Power State on Link Loss
	Software support	IBM LAN Server Version 1.2, 1.3, 2.0, 4.0
		Microsoft NT 3.51, NT 4.0. Microsoft Windows 2000
		Novell Netware 3.1x, 4.x, 5.x
	Protocol support	TCP/IP
		Novell IPX/SPX and Microsoft compatible
		Novel IPX ODI
		Microsoft NetBEUI
		IBM DLC

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