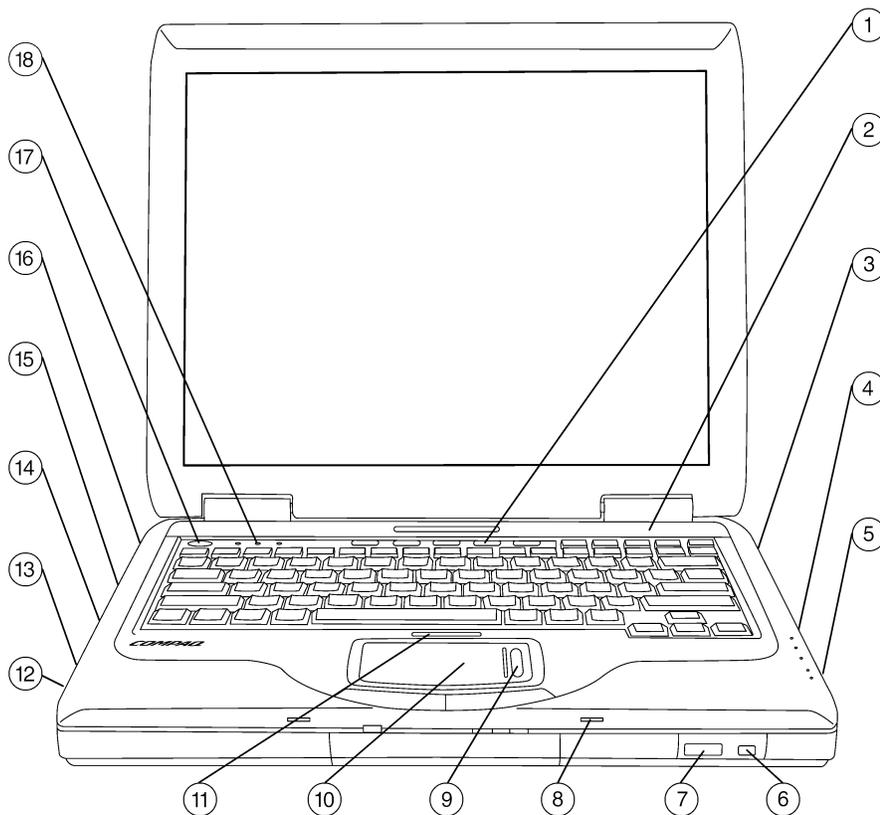## Overview

What's New

- Mobile Intel® Pentium® 4 processors – up to 2.4 GHz;
- Mobile Intel Celeron processors – up to 2.0 GHz
- 400-MHz bus
- 4X AGP Graphics

At A Glance

- Mobile Intel Pentium 4 processors – up to 2.4 GHz;
- Mobile Intel Celeron processors – up to 2.0 GHz
- 15-inch XGA, SXGA+ and 14.1-inch XGA display
- Configurations as light as 6.75 lb/3.06 kg weight (14-inch panel)
- 1.51 in/3.95 cm thin
- 256 MB DDR SDRAM (266 MHz), Upgradeable to 1GB
- Up to 60 GB (4200 rpm) hard drives
- Mini PCI modem and integrated NIC
- Full-size keyboard
- Microsoft Windows XP Pro or Microsoft Windows XP Home
- Includes a one-year, Worldwide Warranty. —Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's Special

- Intel Pentium 4 processors
- All-in-one convenient design

1. Easy Access Buttons
2. Speaker
3. PS/2
4. Optical Drive
5. Battery
6. Wireless LED
7. Infrared Lens
8. System LEDs
9. Scroll Button
10. Touchpad
11. Trackpad
12. Diskette Drive
13. Volume Buttons
14. IEEE 1394
15. PC Card Slot
16. Kensington Lock
17. Power Button
18. Keyboard LEDs

QuickSpecs

Standard Features

Processors		
One of the following:		2.4 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		2.2 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		2.0 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		1.8 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		1.9 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		1.8 GHz Mobile Intel Pentium 4 processor with 400MHz Front Side Bus and 512 KB L2 cache
		1.6 GHz Intel Pentium 4C processor with 400MHz Front Side Bus and 512 KB L2 cache
		1.7 GHz Mobile Intel Celeron with 400MHz Front Side Bus and 256 KB L2 cache
		1.6 GHz Mobile Intel Celeron with 400MHz Front Side Bus and 256 KB L2 cache
		1.5 GHz Mobile Intel Celeron with 400MHz Front Side Bus and 256 KB L2 cache

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	128 MB (266 MHz) DDR SDRAM (128 MB SODIMM in slot 1) or
		256 MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1) or
		512 MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1) or
		1 GB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1)
	Maximum	1 GB (266 MHz) DDR SDRAM (512 MB SODIMMs in slots 1 and 2)
		NOTE: 128MB of DDR standard with 16MB of shared video memory
		NOTE: 256MB of DDR standard with 64MB of shared video memory
		NOTE: Up to 64MB of shared video memory user configurable

Communications	10/100 NIC is integrated on the system board, 802.11b on select models
	Integrated Type II/Type III Mini PCI 56K (V.92) modem

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 (88 keys) – 101-key compatible

Easy Access Buttons	One Touch Quick Launch Buttons:
	• One button access to email.
	• Launches system search. Launch IE default home page.
	• Operating system - system lock
	• Windows Help and product documentation links.

Pointing Device	Touch pad with on/off and dedicated scroll up/down surface

Standard Features

PC Card Slots	One (1) Type II/III PC Card slot with support for 16-bit PCMICIA and 32-bit Card bus.	
Storage	Fixed Diskette Drive	1.44 MB Diskette Drive
	Primary Hard Drive	60 GB Hard Drive or 40 GB Hard Drive or 30 GB Hard Drive or 20 GB Hard Drive
	Fixed Optical Drive	DVD/CD-RW combo Drive CD-RW Drive DVD-ROM Drive CD-ROM Drive
Audio	Integrated Speakers, Volume control & Mute buttons , AC/97, SoundBlaster Pro compatible, 16 bit stereo sound	

Multimedia	Speakers with bass reflex and 16bit stereo sound Dedicated Hardware volume controls 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 (on select models) 4X AGP graphics 16MB or 32MB of DDR (Double Date Rate) Shared video memory	

Interfaces	PC Card	One Type II/III
	Enhanced Parallel EPP/ECP	1
	PS/2	1
	S-Video	1
	VGA	1
	1394 – select models	1
	Port Replicator – select models	1
	Headphone/Line-out	1
	Microphone-in	1
	Serial	1
	DC Power	1
	RJ-11 (modem)	1
	RJ-45 (NIC)	1
	Infrared Port – select models	1 (4 Mb/s support) (IrDA 4 MB compliant. IR performance will vary depending on performance of IR peripherals and application used.)
	USB Port	2
	LED status indicators	6

Graphics	4X AGP Enhanced Video, Graphics, and 3D performance

Standard Features

Operating System	Microsoft Windows XP Pro, (requires 256MB of memory minimum) or Microsoft Windows XP Home (limited language availability) preinstalled
Software	Diagnostics for Microsoft Windows DVD Playback Software Roxio Easy CD Creator (on CDRW and DVD/CDRW models) Safety and Comfort Guide Acrobat Reader Reference Guide Compaq Easy Access Button Software
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)
Security	Power-on Password Kensington MicroSave security slot; accepts 3rd party security lock devices.
Power Supply	External 75-watt 2-wire AC adapter, power cord included.
Battery	8-Cell Lithium-Ion; 4.4Ahr; 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 Evo N1050v with an Intel Celeron 1.9 GHz CPU, Windows XP Pro, 14.1-inch XGA panel, 256-MB RAM, 40-GB HDD, DVD , Lithium-Ion battery, and NIC/modem, achieved an overall Business Winstone 2002 BatteryMark score of 3h 39m Business Winstone 2002 BatteryMarkTM Version 1.0 units. Winstone is a registered trademark and BatteryMarkTM 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. **NOTE**: This test was performed without independent verification by eTesting Labs Inc. eTesting Labs Inc. makes no representations or warranties as to the result of the test. BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., and affiliate of eTesting Labs Inc., in the U.S. and other countries.
Power Conservation	Hibernation Instant-on via Standby One custom level of power conservation Energy Star Compliant
Docking	Simple Port replicator
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.

Options

Storage		
	16MB M-Disk	274405-B25
	USB Thumb Drive (32mg), TREK	P5313A#ABA
	USB Diskette Drive	230330-B25

Memory		
	128MB DDR RAM	269085-B25
	256MB DDR RAM	269086-B25
	512MB DDR RAM	269087-B25
	128MB DDR RAM	F4694A
	256MB DDR RAM	F4695A
	512MB DDR RAM	F4696A
	32MB Compact Flash	104703-004
	64MB Compact Flash	104703-003
	64MB SD Memory	253478-B21
	128MB SD Memory	253479-B21
	256MB SD Memory	287464-B21

Expansion		
	N1050v Port Replicator – for select models only	F4808A

Communication		
	WL-110 WiFiPC Card (802.11b)	238662-001
	WL-215 WiFi USB Dongle (802.11b)	238663-001
	WL-310 WiFi Home/Office Gateway (802.11b)	238664-001
	VoiceStream GPRS PC Card	TBD
	10/100 Ready Ethernet Card	167811-001

Power		
	N1050v Primary Battery Pack	F4809A
	N1050v 80W car/truck adaptor	F5107A
	N1050v 75W AC Adapter	F4600A
	N1050v 90W AC Adapter	F4813A

Carrying Cases		
	Compaq Nylon	249246-001
	Compaq Leather	249245-001

Security		
	PC Card Biometrics ID Device	146805-B25
	PC Card Smart Card Reader	135646-B25
	Security Cable Lock	294316-B21
	PC Guardian Security Cable Lock	261680-B21
	Notebook Surge Protector PRO	158636-001
	DEFCON Security Lock	201708-001
	DEFCON Security System	158638-001

Options

Input/Output Devices	2 button Mouse (carbon) (PS/2)	103180-B21
	USB 2 Button Scroll Mouse (Carbon)	195255-B25
	External 10-Key Numeric Keypad (PS/2)	294317-B21
	Keyboard (carbon) (PS/2)	118003-xxx
	USB Keyboard	222726-xxx
	USB/PS2 Keyboard	118003-xx9
	USB/PS2 Mouse	103180-B22
	USB Diskette Drive	F5101A
	USB Travel Mouse	F2100A
	Wireless Keyboard/Mouse	251385-xxx
	SmartCard USB Keyboard	267147-008
External Drives	Zip 250 External Drive (USB)	174255-001
Monitors	TFT5017	263874-xxx
	TFT7020	253218-xxx
	S7500	261606-xxx
	V7550	261611-xxx
	P920	244375-xxx

QuickSpecs

Memory

Compaq Evo N1050V

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
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

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Supported
1.44-MB Diskette Drive	1	Dedicated floppy 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 SMART Hard Drive	1	Dedicated hard drive bay
40-GB SMART Hard Drive	1	Dedicated hard drive bay
30-GB SMART Hard Drive	1	Dedicated hard drive bay
20-GB SMART Hard Drive	1	Dedicated hard drive bay

Technical Specifications

System Unit	Dimensions (H x W x D)	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	80 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	< 1.5 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)

QuickSpecs

Technical Specifications

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	

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	150nt 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	

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	

QuickSpecs

Compaq Evo Notebook N1050v

Technical Specifications

Hard Drives

60-GB (5400 rpm)	Capacity	60 GB	
	Drive Weight	0.34 lb (155 g)	
	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	2 ms
		Average	12 ms
		Maximum	22 ms
	Rotational Speed	5400 rpm	
	Logical Blocks	117,210,240	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security

60-GB (4200 rpm)	Capacity	60 GB	
	Drive Weight	0.34 lb/155 g	
	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	4200rpm	
	Logical Blocks	117,210,240	
	Operating Temperature	41° to 131° F (5° to 55° C)	
	Features	Security	ATA Security

QuickSpecs

Technical Specifications

Hard Drives *(continued)*

40-GB	Drive Weight	0.21 lb/95 g	
(4200 rpm)	Capacity	40 GB	
	Height	0.374 in (9.5 mm)	
	Width	2.75in (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	Drive Weight	0.22 lb (99 g)	
(4200 rpm)	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)	

20-GB	Drive Weight	0.21 lb (95 g)	
(4200 rpm)	Capacity	20 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	~ 39,070,080	
	Operating Temperature	41° to 131° F (5° to 55° C)	

QuickSpecs

Technical Specifications

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 w/o PFC Correction	**Weight**	0.67 lb (0.304 kg)	
	Power Supply (Input)	Operating Watts	75
		Operating Voltage	100 to 240 VAC RMS
		Operating Current	1.7 A RMS
		Operating Frequency Range	47 to 63 Hz AC

External AC Adapter w PFC Correction (EMEA)	**Weight**	0.76 lb (0.345 kg)	
	Power Supply (Input)	Operating Watts	75
		Operating Voltage	100 to 240 VAC RMS
		Operating Current	1.0 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)

QuickSpecs

Technical Specifications

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)	
	Disc Diameter	12 cm/8 cm	
	Disc Thickness	1.2 mm	
	Track Pitch	0.74 µm (DVD)/1.6 um(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	

Technical Specifications

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	

QuickSpecs

Compaq Evo Notebook N1050v

Technical Specifications

Integrated Conexant 56K ACLink Modem	Form Factor	Integrated on motherboard
	Power Management Support	APM Revision 1.2, ACPI, Compaq Power Management Extensions for Microsoft Windows NT
	Approvals/Certifications	UL, CSA, NEMKO, CCIB, Industry Canada, FCC Part 68, CTR21, FCC Part 15 Class B, Canadian ICES-003 Class B, C.I.S.P.R.22, Australian ACA, CE Mark, Other Countries
	Data Mode Capabilities	V.92 (a-law, mu-law)
		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

QuickSpecs

Technical Specifications

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