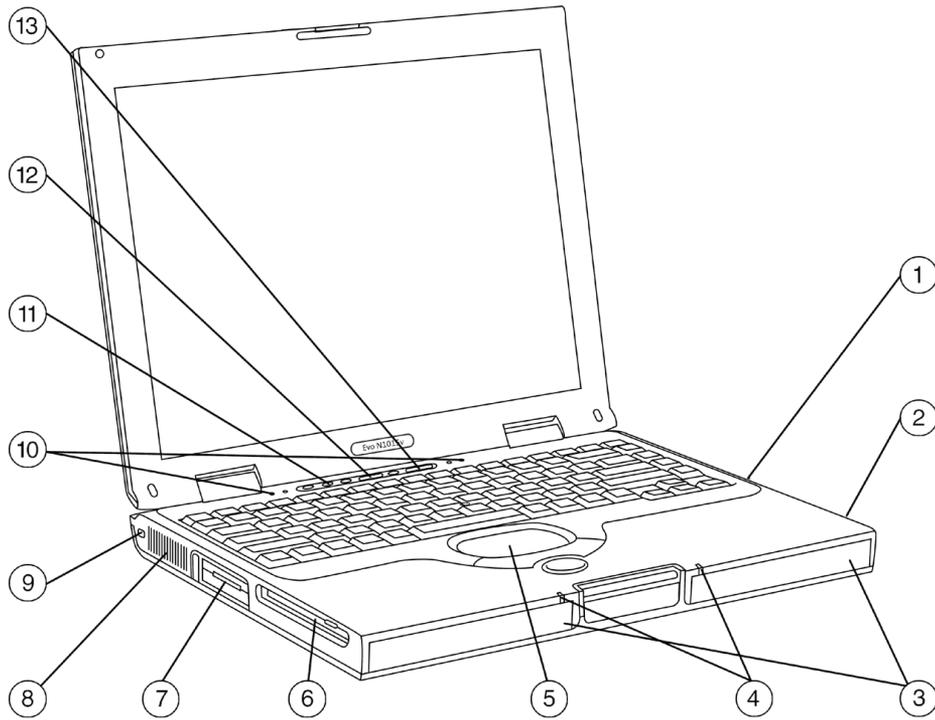
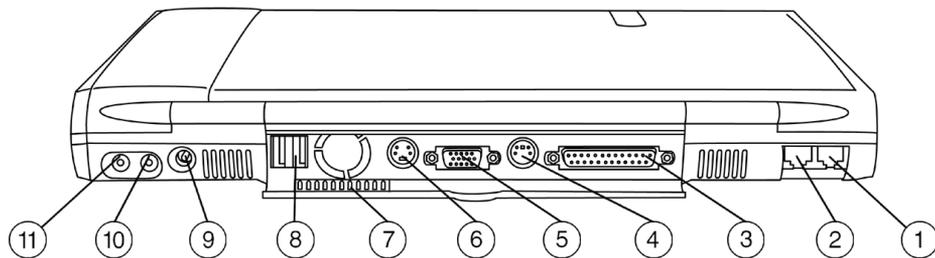


Overview



- | | |
|--------------------------------|-------------------------|
| 1. Optical Drive | 8. Air Vent |
| 2. Battery | 9. Kensington Lock |
| 3. Stereo Speakers | 10. Keyboard LEDs |
| 4. System LEDs | 11. Easy Access Buttons |
| 5. Touch Pad | 12. Power Button |
| 6. Configurable Diskette Drive | 13. Volume Control |
| 7. PC Card Slot (1) | |



- | | |
|-------------|---------------|
| 1. RJ-11 | 7. Air Vent |
| 2. RJ-45 | 8. USB |
| 3. Parallel | 9. DC in |
| 4. PS/2 | 10. Audio in |
| 5. VGA | 11. Headphone |
| 6. S-video | |

Overview

At A Glance

- Mobile AMD® Athlon™ XP Processor – up to 2000+
- Microsoft® Windows® XP Pro or Home Preinstalled and support for Windows 2000
- 15-inch XGA, SXGA+ , 14.1-inch and 13.3-inch XGA displays
- Magnesium enclosure for the 15-inch panels.
- Configurations as light as 6.6 lb (2.99 kg) weight (14-inch panel)
- 1.55 in (3.95 cm) thin
- 256-MB DDR SDRAM (266 MHz), Upgradeable to 1024 MB
- Up to 60-GB/4200 rpm SMART hard drives
- Mini PCI modem and integrated NIC
- Full-size keyboard
- Includes a one-year, Worldwide Warranty - Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

What's New

- Mobile AMD® Athlon™ XP Processor – up to 2000+
- 266 -MHz bus
- 4X AGP Graphics
- MultiPort wireless communication options
- Sophisticated design elements
- 60GB hard drive
- 13.3-inch XGA panel
- Configurable floppy option

What's Special

- All-in-One Convenient Design
- High-end ATI Radeon Graphics and large panel
- Large Hard Drives
- Wireless features thru Award-Winning MultiPort

Standard Features

Processor and Panel

- 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)
- 13.3-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)

One of the following:

- AMD Athlon XP 2000+ (Quantum speed architecture running at 1.67 GHz) with 256-KB L2 cache
- AMD Athlon XP 1900+ (Quantum speed architecture running at 1.60 GHz) with 256-KB L2 cache
- AMD Athlon XP 1800+ (Quantum speed architecture running at 1.53 GHz) with 256-KB L2 cache
- AMD Athlon XP 1700+ (Quantum speed architecture running at 1.47 GHz) with 256-KB L2 cache
- AMD Athlon XP 1600+ (Quantum speed architecture running at 1.40 GHz) with 256-KB L2 cache
- AMD Athlon XP 1500+ (Quantum speed architecture running at 1.30 GHz) with 256-KB L2 cache
- AMD Athlon XP 1400+ (Quantum speed architecture running at 1.20 GHz) with 256-KB L2 cache

NOTE: Mobile AMD Athlon XP supports enhanced AMD's PowerNow™ technology.

Operating System Microsoft Windows XP Pro or Home pre-installed with support for Windows 2000

Memory

Standard/Maximum	128 MB (266 MHz) DDR SDRAM
	256 MB (266 MHz) DDR SDRAM
	512 MB (266 MHz) DDR SDRAM
	1024 MB (266 MHz) DDR SDRAM

NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.

NOTE: 128MB of DDR standard with 16MB of shared video memory

NOTE: 256MB of DDR standard with 32MB of shared video memory

NOTE: Up to 64MB of shared video memory user configurable

NOTE: Shared video memory (UMA) uses part of the total system memory for video performance. For example, if there is 128mb of system memory and 16mb of shared memory for video graphics, the system has 112mb left of available system memory for other computing activities.

Communications

- 10/100 NIC is integrated on the system board (LOM)
- Type III Mini PCI 56K (V.92) modem

NOTE: Designed only to allow faster downloads from V.92 compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions.

NOTE: Modem availability is subject to country regulatory approval

Keyboard

102-key compatible keyboard with isolated, inverted-T cursor control keys, and right-control key, special feature hotkeys for instant access to power conservation, toggle between internal and external, or simultaneous displays, and control brightness and contrast.

Easy Access Internet Buttons

The Evo Notebook N1015v features three Easy Access Buttons (EAB) designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, or default e-mail application. The EAB portion of the keyboard deck also includes dedicated hardware volume control and a quick-launch button for CD/DVD play.

Pointing Device TouchPad with 4-way scroll

PC Card Slots One Type II PC Card Slot which support both 32-bit CardBus and 16-bit PC Cards

Standard Features

Storage	Primary Hard Drive	60-GB 5400 rpm 40-GB 4200 rpm 30-GB 4200 rpm 20-GB 4200 rpm
	Diskette Drives	Configurable 1.44-MB Diskette Drive
	Optical Drives	24X/10X/24X/8XDVD/CD-RW Combo Drive (CD-R/CD-RW/CD-ROM/DVD-ROM) 8X/24X DVD-ROM Drive 24X CD-ROM Drive

Multimedia	JBL Pro Speakers with bass reflex and 16-bit stereo sound Dedicated Hardware volume controls Headphone-out port Microphone in port Software MPEG1 support, MPEG2 and DVD 8X DVD/CD-RW Combination Drive (on select models) 16X CD-RW Drive with CD recording software (on select models) 8X DVD-ROM Drive with movie playback software (on select models) 24X CD-ROM Drive (on select models) S-video Port 4X AGP graphics
-------------------	--

Interfaces	PC Card Slot	One Type II
	Enhanced Parallel EPP/ECP	1
	S-Video	1
	VGA	1
	Headphone/Line-out	1
	Microphone in	1
	DC Power	1
	RJ-11 (modem)	1
	RJ-45 (NIC)	1
	USB Port	2
	LED status indicators	6

Graphics	ATI Radeon IGP video graphics with 16-MB DDR shared video memory for increased color depth and graphics performance
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Display (External)	Up to 32-bit per pixel color depth Supports 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1400 x 1050, 1600 x 1200 resolutions up to 160-Hz refresh rate, dependent upon monitor capability, resolution and color depth settings
---------------------------	--

Display (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) 13.3-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
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Standard Features

Software

Diagnostics for Microsoft Windows
DVD Playback Software (select models)
Compaq Power Management
Compaq Security Management
Safety and Comfort Guide
Acrobat Reader
Reference Guide
Norton Anti-Virus
Compaq Easy Access Button Software

System Recovery

Each unit is shipped with a series of CD's kit for quick OS recovery (erases hard disk and restores manufacturer installed image) and software recovery (installs only selected standard software)

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Set-up Password
Power-On Password
Enabled for PC SmartCard options
Kensington Lock

Power Supply

External 90 watt AC adapter, 6-foot/1.8-meter power cord included. Total length including External AC adapter is 12 feet/3.66 meter

Battery

The Evo Notebook N1015v provides up to three hours of battery life using the standard 8-cell Lithium-Ion battery.

NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 3:01 (hr:min) were achieved running the Business Winstone 2001 BatteryMark™ 1.0.1 on a N1015v with a AMD Athlon XP 1600+ CPU, 15-inch XGA panel, 128-MB RAM, 20-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 timers turned off.

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
Pop-ups with three presets
One custom level of power conservation
ACPI compliant

MultiPort

MultiPort is a flexible, innovative solution providing customers the ability to connect to their choice of wireless standards such as 802.11b or Bluetooth . This can be achieved by simply changing out the high-performance wireless module, which is integrated into the top of the notebook. The award-winning MultiPort offers a cost effective means to migrate to future wireless standards as they become available.

Service and Support

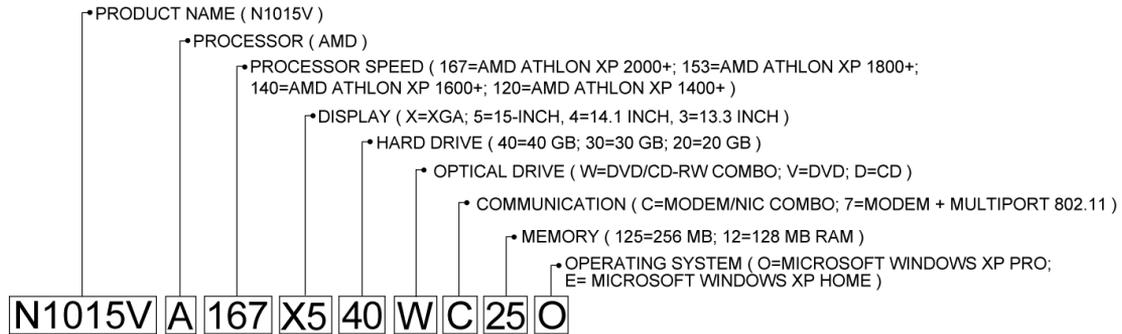
Compaq Services includes a one-year, Worldwide Limited Warranty, pick-up or carry-in; upgraded warranty and toll-free 7 x 24 hardware technical phone support available.

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

Standard Features

Naming Convention

The Etymology of a Model name:



N1015VA120X320D712ON	Processor	Athlon XP1400+ (1.2 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	13.3-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	128 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	24X CD-ROM Drive
	Hard Drive	20 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

N1015VA153X530WC25O	Processor	Athlon XP1800+ (1.53 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	15-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	CD-RW/DVD Drive
	Hard Drive	30 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

Standard Features

N1015VA140X420DC25O	Processor	Athlon XP1600+ (1.40 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	24X CD-ROM Drive
	Hard Drive	20 GB
	Diskette Drive	none
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

N1015VA140X420VC25O	Processor	Athlon XP1600+ (1.40 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	8X DVD Drive
	Hard Drive	20 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

N1015VA120X430DC12E	Processor	Athlon XP1400+ (1.2 GHz)
	Operating System	Microsoft Windows XP Home
	Display	14.1-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	128 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	24X CD-ROM Drive
	Hard Drive	30 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

Standard Features

N1015VA140X440VC25O	Processor	Athlon XP1600+ (1.40 GHz)
	Operating System	Microsoft Windows XP Home
	Display	14.1-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	8X DVD Drive
	Hard Drive	40 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

N1015VA153X440WC25O	Processor	Athlon XP1800+ (1.53 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	14.1-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	CD-RW/DVD Drive
	Hard Drive	40 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

N1015VA167X540WC25O	Processor	Athlon XP2000+ (1.67 GHz)
	Operating System	Microsoft Windows XP Pro
	Display	15-inch color TFT XGA
	Cache	256 KB, L2 Cache
	Standard Memory	256 MB (1-DIMM) 266 MHz
	Maximum Memory	1024 MB (266 MHz) SDRAM
	Optical Drive	CD-RW/DVD Drive
	Hard Drive	40 GB
	Diskette Drive	Diskette
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC
	Graphics	ATI Radeon IGP video graphics
	Video memory	16-MB DDR SDRAM video memory
	Audio	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Pointing Device	Touchpad

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
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 II Mini PCI 56K (V.90) Modem	225640-B31
	Compaq Type II Mini PCI 56K (V.90) Modem plus 10/100 NIC Combo	225642-B31
	100BaseTX Ethernet Upgrade	225435-001
	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
	CDPD WWAN PC Card (U.S. Only)	238111-001
Expansion Bases	USB Port Replicator	249247-001
Power	Evo Notebook N1015v	8 Cell primary battery (4 Ah) 291369-B25
Common Power Solutions	External Battery Charger	265603-xxx
	AC Adapter (90 W)	283884-xxx
	Aircraft Power Adapter (90 W)	291370-B25
	AC Line Cord 10 ft (3.1 m)	217932-xx2

Options

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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Useful Accessories	Compaq iPAQ Microportable Projector MP1200	261966-xxx
	Compaq iPAQ Microportable Projector MP3800	262839-xxx
	Compaq iPAQ Microportable Projector MP4800	257524-xxx
	Lamp Module L20 for MP1200	266631-B24
	Lamp Module L30 for MP3800	266633-B24
	Home Theatre Kit HT150 for MP3800	292187-B24
	Carrying Case for MP1200	295731-B24
	Lamp Replacement Kit for MP1600	118052-001
	Lamp Module for MP1800, MP1400	189789-001
	Lamp Module for MP2800, MP2810	215464-001
	Home Theater Kit HT110 for MP1410	246161-001
	Multimedia Adapter & Remote Control Kit MMA110 for MP1410	246162-001
	Multimedia Adapter & Remote Control Kit for MP1400, MP1800	174963-001
	Deluxe Carrying Case for MP Series projectors	253364-001
	Lamp Module for MP1410, MP1810	253365-001
	Lamp Module L90 for MP4800	257892-001
	Home Theater Kit HT180 for MP1200, MP4800	281729-001
	CeilingMount Kit CM10 for MP1200, MP4800	281730-001
	hp digital projector sb21	L1510A
	hp digital projector xb31	L1511A
	Ceiling Mount Kit for xb31	L1513A
	M1-A to component/USB video cable for sb21, xb31	L1523A
	M1-D to DVI/USB cable for sb21, xb31	L1529A
	Lamp Module for sb21	L1515A
	Lamp Module for xb31	L1516A

Memory

Compaq Evo N1015v

Standard Memory Plus Optional Memory

Support for up to 1024 MB of DDR SDRAM memory is available with the installation of optional SDRAM Memory Kits.

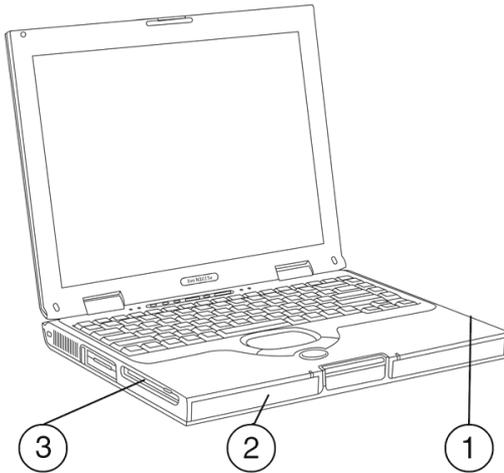
Memory	Slot 1	Slot 2
256 MB	256 MB	-
384 MB	256 MB	128 MB
512 MB	512 MB	-
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

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



1. Dedicated optical drive
2. Primary hard drive
3. Configurable diskette drive

Drive Support

System Drive Support	Quantity Supported	Drive Supported
1.44-MB Diskette Drive	1	Configurable disk drive
DVD/CD-RW Combo Drive	1	Dedicated optical drive
CD-RW 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

TechSpecs

System Unit	Dimensions (HxWxD)	15-inch and 14.1-inch TFT panel displays	1.55 x 12.89 x 10.53 in (3.95 x 32.75 x 26.75 cm)
	Weight	14.1-inch LCD, CD-RW, DVD or CD-ROM, 2 SODIMM	6.60 lb (2.99 kg)
		15-inch LCD, CD-RW, DVD or CD-ROM, 2 SODIMM	6.87 lb (3.12 kg)
	NOTE: * = Weight varies by configuration.		
Stand-Alone Power Requirements	Nominal Operating Voltage (Li-Ion)		14.4 V (8-cell)
	Average Operating Power		15.8 W
	Peak Operating Power		38 W
	Power in suspend mode		< 800 mW
Power Supply	Power in hibernation mode		< 100 mW
	Rated Input Voltage		90 to 264 VAC
	Rated Input Current		< 90 W
Temperature	Rated Frequency		50 to 60 Hz
	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)

13.3-Inch Color TFT XGA Display	Dimensions (H x W)	11.2 x 8.4 in (28.4 x 21.4 cm)		
	Diagonal Size	13.3 in (33.8 cm)		
	Mounting	side mount		
	Number of Colors	up to 16.8 mil		
	Contrast Ratio	> 150:1		
	Brightness	150 nits 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	4.4 W typ			

TechSpecs

14.1-Inch Color TFT XGA Display	Dimensions (H x W)	11.24 x 8.43 in (28.6 x 21.4 cm)		
	Diagonal Size	14.1 in (35.7 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			

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 16.8 M		
	Contrast Ratio	150:1		
	Brightness	150nt typ		
	Pixel Resolution	Pitch	0.218 x 0.218 mm	
		Format	1280 x 1024	
		Configuration	RGB stripe	
	Backlight	Edge Lit		
	Character Display	80 x 25		
Total Power Consumption	5.75 W			

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 16.8 M		
	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	5.0 W			

TechSpecs

Hard Drives

60-GB	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	Single Track	2.5 ms
	(typical reads, including settling)	Average	13 ms
		Maximum	23 ms
	Rotational Speed	5400 rpm	
	Logical Blocks	117,210,240	
Operating Temperature	41° to 131° F (5° to 55° C)		
Features	Security	ATA Security	

40-GB	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	Single Track	3 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)		

30-GB	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	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	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)		

Diskette Drive	Diskette Size	3.5 in	
	Activity Indicator	On system	
	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	Weight	0.6 lb (0.272 kg)	
	Power Supply (Input)	Operating Watts	90
		Operating Voltage	110 to 240 VAC RMS
		Operating Current	1.7 A RMS
		Operating Frequency Range	50 to 60 Hz AC
		Maximum Transient	4/50 kV
		Maximum Transient	4/50 kV

Lithium-Ion Battery Pack (8-cell)	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	0.96 lb (0.43 kg)	
	Energy	Voltage	14.8 V
		Amp-hour capacity	Minimum 3.7 Ah Typical 3.9 Ah
		Watt-hour capacity	Minimum 53.2 Ah Typical 56.1 Ah
	Temperature	Operating	32° to 108° F (0° to 42° C)
		Non-operating	32° to 140° F (0° to 60° C)

TechSpecs

DVD/CD-RW Drive	Center Hole Diameter	15 mm		
	Disk Diameter	12 cm, 8 cm		
	Disk Thickness	1.2 mm		
	Track Pitch	1.6 μ m		
	Access Times (typical reads, including settling)	Random CD		< 120 ms
		Full-Stroke CD		< 175 ms
		Random DVD		< 140 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-ROM, CD-R Read Speed		3600 Kbytes/second
		DVD-ROM Read Speed		8100 Kbytes/second
		CD-R, CD-RW Write Speeds		Sustained 1200KB/s (8X CLV)
Start-up Time	Single		< 7 seconds (typical)	
	Multi-Session		< 30 seconds (typical)	
Stop Time	< 3 seconds (typical)			

24X DVD/CD-RW Combo Drive	Center Hole Diameter	3.9 cm		
	Disk Diameter	12 cm/8 cm		
	Disk Thickness	1.2 mm		
	Track Pitch	0.74 μ m		
	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 (24X)		3600 KB/s (150 KB/s at 1X CD rate)
		CD-RW (10X)		1500 KB/s (150 KB/s at 1X CD rate)
		CD-ROM (24X)		3600 KB/s (150 KB/s at 1X CD rate)
		DVD (8X)		10,800 KB/s (1352 KB/s at 1X DVD rate)
		Normal PIO Mode 4 (single burst)		16.6 MB/s
Start-up Time	< 15 seconds			
Stop Time	< 6 seconds			

TechSpecs

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 μ m		
	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)	
		Normal PIO Mode 4 (single burst)	16.6 MB/s	
Start-up Time	< 12 seconds			
Stop Time	< 3 seconds			

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 μ m		
	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 KBs/Maximum	
	Start-up Time	< 10 seconds		
Stop Time	< 5 seconds			

TechSpecs

802.11b MultiPort Module	Form Factor	Compaq "MultiPort"
	Weight	0.22 lb (100 g) (maximum)
	Operating Temperature	Operating 14° to 149° F (-10° to 65° C)
	Storage Temperature	Non-operating -40° to 176° F (-40° to 80° C)
	Humidity	Operating 10 to 90%
		Non-operating 5 to 95%
	Altitude	Operating 0 to 15,000 ft (4,572 m)
		Non-operating 0 to 40,000 ft (12,192 m)
	Plug and Play	USB 1.1 compliant Microsoft Windows Plug and Play compliant
	RF Network Standard	IEEE 802 Part 11b (802.11b)
	Frequency Band	2.4000 to 2.4835 GHz 2.4465 to 2.4835 GHz (France) 2.4000 to 2.4697 GHz (Japan)
	Number of Selectable Sub-channels	Worldwide Certification United States (FCC) 11 France (FR) 4 Japan (JP) 14 Other countries 13
	Data Rates	1, 2, 5.5, 11 Mbps
	Antenna type	Internally integrated within module (with special polarization diversity)
	WEP Security	64-bit encryption keys compliant to IEEE 802.11 128-bit encryption key compliant to IEEE 802.11 Ability to enter keys manually or via pass-phrase
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
	Modulation Technique	Direct Sequence Spread Spectrum: DBPSK, DQPSK, CCK
	Receiver Sensitivity – Bit Error Rate (1E-5)	11 Mbps: -85 dBm 5.5 Mbps: -87 dBm 2 Mbps: -91 dBm 1 Mbps: -94 dBm
	Maximum Receive Level	-4 dBm
	Output Power (approximately)	18 dBm
	Operating Voltage	5V power operation
	Power Management	Keystroke Fn+F2 Power On/Off control
	Power Consumption	Transfer mode: < 600 mA, maximum Receive mode: > 400 mA, maximum Standby mode: > 1 mA, maximum
	Transmit Power	10 to 100mW It is preferable to have the user configurable output power to save battery life for laptop users or in high AP coverage areas
	Power Saving Option	802.11 Compliant Power Saving Power Saving Mode selectable through the configuration utility ACPI compliant power management
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
	OS Support	Microsoft Windows 2000 Microsoft Windows XP Home Microsoft Windows XP Pro
	Protocols Supported	TCP/IP IPX/SPX UDP

TechSpecs

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 (3,048 m)
		Non-operating	0 to 30,000 ft (9,144 m)
	Plug and Play	USB 1.1 compliant	
		Microsoft 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		
	Service Discovery (determine what Bluetooth devices are within range and support authorization)		
	Synchronization:		
	PDA's to PC's Portable to Desktop		
File Transfer:	File and directory browsing and navigation on another Bluetooth device.		
	File copying		
	Object manipulation – including add, delete, create new folders etc.		
	Wireless link to Corporate LAN using several Bluetooth devices sharing the same		
Access Point:	Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP		

	Wireless link to WAN thru 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	Microsoft 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 98/98SE Microsoft Windows 2000 Microsoft Windows Millennium Microsoft Windows XP Home Microsoft Windows XP Pro
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

TechSpecs

Type III Mini PCI 56K (V.92) Modem

Form Factor	Mini-PCI Type III per Specification
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) 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

TechSpecs

Integrated 10/100 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 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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