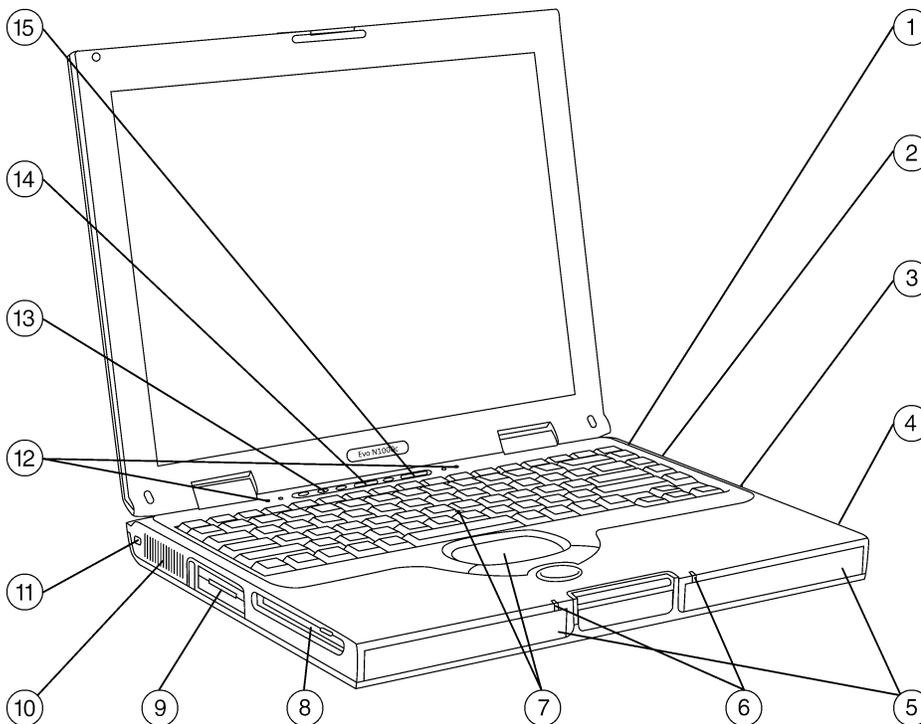# QuickSpecs

Overview

What's New

- Mobile Intel® Pentium® 4 processors-M –– up to 1.7 GHz
- 400-MHz bus
- ATI Mobility Radeon 7500 Graphics Controller
- MultiPort wireless communication options
- Dual Pointing Device
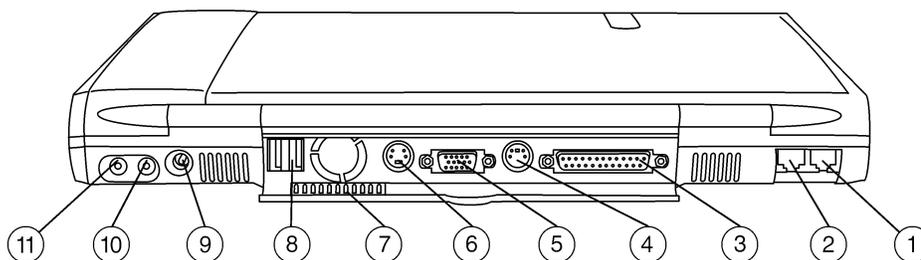- Common Port Replicator, Advanced Port Replicator, and External MultiBay Options

At A Glance

- Mobile Intel Pentium 4 processors –– up to 1.7 GHz
- 15-inch XGA
- Configurations as light as 6.82 lb/3.10 kg weight
- 256 MB DDR SDRAM (266 MHz), Upgradeable to 1024 MB
- Up to 30-GB SMART hard drives
- Mini PCI modem and integrated NIC
- Full-size keyboard
- Microsoft® Windows® XP Pro and Microsoft Windows 2000
- Protected by a Three-year, Worldwide Limited 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
- Latest USB interface
- Wireless features through \award-winning MultiPort
- New Common Docking Options

1. 1394
2. Infrared
3. Optical Drive
4. Battery
5. Stereo Speakers
6. System LEDs
7. Dual Pointing Devices
8. Diskette Drive

9. PC Card Slot (1)
10. Air Vent
11. Kensington Lock
12. Keyboard LEDs
13. Easy Access Buttons
14. Power Button
15. Volume Control

1. RJ-11
2. RJ-45
3. Parallel
4. PS/2
5. VGA
6. S-video

7. Air Vent
8. USB
9. DC in
10 Audio in
11. Headphone

COMPAQ

Standard Features

Processor and Panel	Mobile Intel Pentium 4 processor-M - 1.7 GHz with 512-KB L2 cache
	15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)
Memory	Standard/Maximum 256 MB (266 MHz) DDR SDRAM (256 MB SODIMM in slot 1)
	1024 MB (266 MHz) DDR SDRAM (512 MB SODIMMs in slots 1 and 2)
	NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend Compaq branded memory to ensure compatibility.
Communications	10/100 NIC is integrated on the system board
	Type III Mini PCI 56K (V.92) modem
	NOTE: Designed only to allow faster downloads from V.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 N1000c comes with 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	Dual pointing devices (both pointstick and touchpad)
PC Card Slots	One Type II PC Card Slot which supports both 32-bit CardBus and 16-bit PC Cards
Storage	Fixed Diskette Drive 1.44-MB Diskette Drive
	Primary Hard Drive 30 GB
	Fixed Optical Drive DVD/CD-RW Combo Drive
Multimedia	JBL Pro Speakers with bass reflex and 16-bit stereo sound
	Integrated microphone
	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)
	8X DVD-ROM Drive with movie playback software (on select models)
	S-video Port
	IEEE 1394 Port
	4X AGP graphics
	32-MB of DDR (Double Date Rate) SDRAM

Standard Features

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

Graphics	ATI Mobility Radeon 7500, 64-bit video graphics with 32-MB VRAM for increased color depth and graphics performance

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, or 2048 x 1536 resolutions up to 160-Hz refresh rate, dependent upon monitor capability, resolution and color depth settings

Display (Internal)	15-inch color TFT XGA with 1024 x 768 resolution (up to 16.7M colors internal)

Operating System	Microsoft Windows XP Pro or Microsoft Windows 2000 (preinstalled)

Software	Diagnostics for Microsoft Windows DVD Playback Software Compaq Security Management Safety and Comfort Guide Acrobat Reader Reference Guide Norton Internet Security 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	Configuration Control Hardware Memory Change Alert Ownership Tag Set-up Password Power-On Password DriveLock Enabled for PC SmartCard options Kensington Lock

QuickSpecs

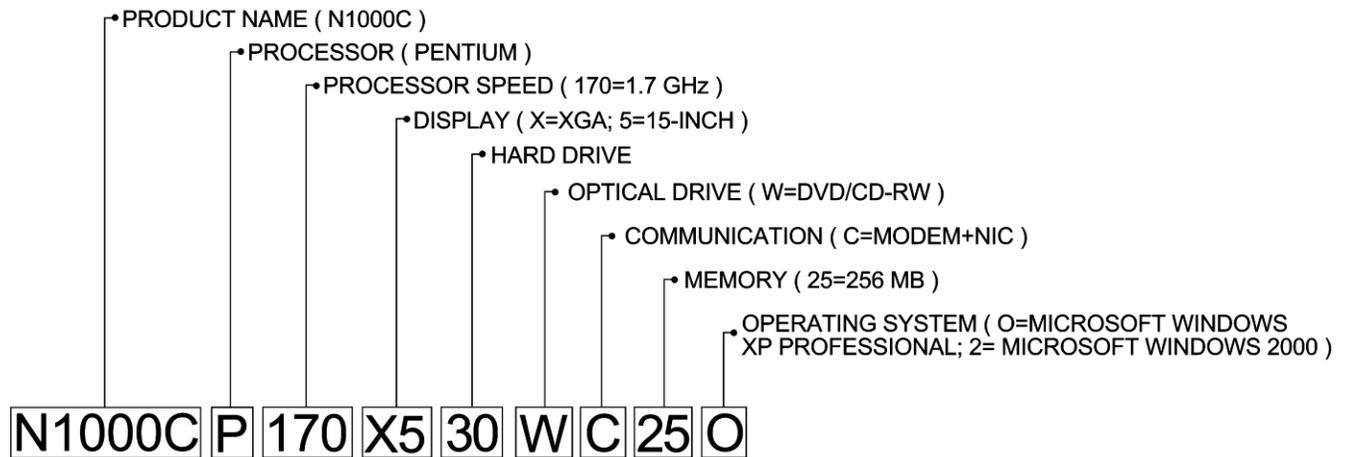## *Standard Features*

Power Supply	External 65-watt AC adapter, power cord included.
Battery	Standard 8-cell Lithium-Ion battery.
	The *Evo* Notebook N1000c provides over 3 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 3:07 (hr:min) were achieved running the Business Winstone 2001 Battery Mark™ 1.0 on a N1000c with a Intel Pentium 4-M 1.6 GHz CPU, 15-inch XGA panel, 256-MB RAM, 30-GB HDD, 8X DVD/CDRW, 8-cell Lithium-Ion battery, and NIC/modem. System parameters were set according to eTesting Labs' recommendations: panel brightness 50%, hard drive timer three minutes.
	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.
Docking	NEW! Port replicator and Advanced Port Replicator. The sleek, new port replicator and advanced port replicator designs provide simple and convenient port management. Features include NIC pass through, USB, and a 1394 digital port. Compatible across multiple platforms for lower total cost of ownership.
Service and Support	Compaq Services includes a Three-Year, Worldwide Limited Warranty, carry-in or pick-up and toll-free 7 x 24 hardware technical phone support. Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.
	NOTE: Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

QuickSpecs

Standard Features

Naming Convention   The Etymology of a Model name:

PRODUCT NAME (N1000C)
PROCESSOR (PENTIUM)
PROCESSOR SPEED (170=1.7 GHz)
DISPLAY (X=XGA; 5=15-INCH)
HARD DRIVE
OPTICAL DRIVE (W=DVD/CD-RW)
COMMUNICATION (C=MODEM+NIC)
MEMORY (25=256 MB)
OPERATING SYSTEM (O=MICROSOFT WINDOWS
XP PROFESSIONAL; 2= MICROSOFT WINDOWS 2000)

N1000C P 170 X5 30 W C 25 O

Standard Features

MODELS

N1000CP170X530WC25O *P/N 470037-782*	Display	15-inch color TFT XGA	
	Processor	1.7 GHz Intel Pentium 4 processor-M	
	Cache Memory	512KB, L2 Cache	
	Memory	Standard	256 MB (266 MHz) DDR SDRAM
		Maximum	1024 MB (266 MHz) DDR SDRAM
	Optical Drive	DVD/CD-RW	
	Hard Drive	30-GB SMART	
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC	
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics	
	Video Memory	32-MB VRAM	
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound	
	Operating System	Microsoft Windows XP Professional	
	Warranty	3 Year Parts, 3 Years Labor, 0 Years On-Site (3-3-0)	
N1000CP170X530WC252 *P/N 470037-783*	Display	15-inch color TFT XGA	
	Processor	1.7 GHz Intel Pentium 4 processor-M	
	Cache Memory	512KB, L2 Cache	
	Memory	Standard	256 MB (266 MHz) DDR SDRAM
		Maximum	1024 MB (266 MHz) DDR SDRAM
	Optical Drive	DVD/CD-RW	
	Hard Drive	30-GB SMART	
	Communications	Type III Mini PCI 56K (V.92) modem, (LOM) integrated 10/100 NIC	
	Graphics	ATI Mobility Radeon 7500, 64-bit video graphics	
	Video Memory	32-MB VRAM	
	Audio	JBL Pro Speakers with bass reflex and 16bit stereo sound	
	Operating System	Microsoft Windows 2000	
	Warranty	3 Year Parts, 3 Years Labor, 0 Years On-Site (3-3-0)	

QuickSpecs

Options

Memory	512-MB (266 MHz) DDR SDRAM Memory Upgrade	269087-B25
	256-MB (266 MHz) DDR SDRAM Memory Upgrade	269086-B25
	128-MB (266 MHz) DDR SDRAM Memory Upgrade	269085-B25
Monitors	TFT8030 Flat Panel Color 18-inch (carbon/silver)	234362-001
	TFT7020 Flat Panel Color 17-inch with integrated speakers (carbon/silver)	253217-001
	TFT5017 Flat Panel Color 15-inch (carbon/silver)	263874-003
	TFT5017m Flat Panel Color 15-inch multimedia (carbon/silver)	279414-001
	TFT5030 Flat Panel Color 15-inch (carbon/silver)	228134-001
	S9500 19-inch CRT (carbon/silver)	261615-003
	V7550 17-inch CRT (carbon/silver)	261611-003
Other Storage Devices	IBM® 1-GB Microdrive™ (PC card Device)	217390-B25
	USB Disk-on-Key – 8MB	249552-B25
	USB Diskette Drive	230330-B25
Wireless Connectivity	802.11b MultiPort Wireless LAN module	233412-001
	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	Port Replicator	269095-001
	Advanced Port Replicator	269094-001
	External MultiBay	217388-001
	Monitor Stand	274407-B25
Power	*Evo* Notebook N1000c 8 Cell primary battery (4.4Ah)	291369-B25
Common Power Solutions	External Battery Charger	265603-001
	External Battery Charger (Multiple Battery)	265604-001
	AC Adapter 65W	265602-001
	Aircraft Power Adapter 65W	265649-B25
	AC Line Cord (10-ft/3.1 m)	217932-002

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	222726-008
	Wireless Keyboard and Mouse	251385-008

Security		
	Biometric PC Card	146805-B25
	Security Cable Lock	294316-B21
	Compaq Smart Card PC Card Reader	135646-B25

Invaluable Accessories		
	Parallel port cable for diskette drive	226748-B21
	MP1200 Microportable Projector	261966-001
	MP3800 Microportable Projector	262839-001
	MP4800 Microportable Projector	257524-001
	MP1200 Lamp L20	266331-B24
	MP3800 Lamp L30	266633-B24
	MP4800 Lamp L90	257892-001
	Ceiling Mount Kit CM10	281730-001
	Deluxe Carrying Case	253364-001

Memory

Compaq *Evo* N1000

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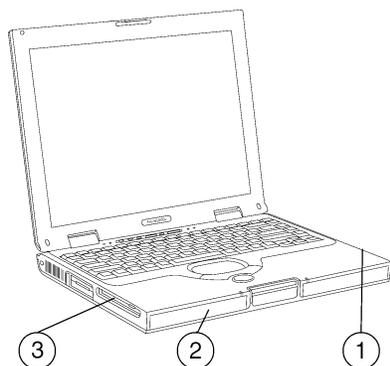
Memory	Slot 1	Slot 2
256 MB	256 MB	--
384 MB	256 MB	128 MB
512 MB	512 MB	--
768 MB	512 MB	256 MB
1024 MB	512 MB	512 MB

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) DDR SDRAM Memory Upgrade	269087-B25
• 256-MB (266 MHz) DDR SDRAM Memory Upgrade	269086-B25
• 128-MB (266 MHz) DDR SDRAM Memory Upgrade	269085-B25

Storage

1. Dedicated optical drive
2. Primary Hard drive
3. Dedicated disk drive

DRIVE SUPPORT

System Drive Support	Quantity Supported	Drive Supported
DVD/CD-RW Combo Drive	1	Dedicated optical drive
DVD-ROM Drive	1	Dedicated optical drive
CD-ROM Drive	1	Dedicated optical drive
1.44-MB Diskette Drive	1	Dedicated Disk Drive
Hard Drives		
30-GB SMART Hard Drive	1	Dedicated hard drive bay

QuickSpecs

Technical Specifications

System Unit	Dimensions (H x W x D)	15-inch panel displays	1.55 x 12.89 x 10.53 in/3.95 x 32.75 x 26.75 cm
	Weight	15-inch LCD, DVD/CD-RW, 1 SODIMM	7.09 lb/3.22 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	55 W
		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
15-Inch Color TFT XGA Display	Dimensions (H x W)	11.8 x 9.0 in/30.4 x 22.8 cm	
	Diagonal Size	15.0 in/38.0 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	

Technical Specifications

Hard Drives

30-GB	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	
	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

Technical Specifications

External AC Adapter	**Weight**	0.85 lb/0.385 kg	
	Power Supply (Input)	Operating Watts	65
		Operating Voltage	110 to 240 VAC RMS
		Operating Current	1.5 A RMS
		Operating Frequency Range	50 to 60 Hz AC

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

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	< 120 ms
		Full-Stroke CD	< 175 ms
	Disk Diameter	Random DVD	< 140 ms
	Disk Thickness	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 (8X)	1200 KB/s (150 KB/s at 1X CD rate)
		CD-RW (8X)	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	< 7 seconds (typical)
		Multi-Session	< 30 seconds (typical)
	Stop Time	< 3 seconds (typical)	

Technical Specifications

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		
Number of Selectable Sub-channels	**Worldwide Certification**	United States (FCC)	11
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		
LED Activity	Flashing LED – AP Search Mode		
	Solid LED – On		
	LED Off – Power Off		

Technical Specifications

Throughput	Data Rate	Operating Distance
Throughput, Data Rate and Operating Distance		
> 4.5 Mbps	11 Mbps	• 1000 feet – Open sight • 100 feet – Closed space (Steel Space)
> 2 Mbps	5.5 Mbps	• 1100 feet – Open sight • 200 feet – Closed space (Steel Space)
> 700 Kbps	1 Mbps	• 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 Profile	
	LAN Access Profile	
	Object Push Profile	

Technical Specifications

Bluetooth MultiPort Module *(continued)*	Usage Models	Service Discovery (determine what Bluetooth devices are within range and support authorization)
		Synchronization:
		PDAs to PCs
		Portable to Desktop
		File Transfer:
		File and directory browsing and navigation on another Bluetooth device.
		File copying
		Object manipulation – including add, delete, create new folders etc.
		Wireless link to Corporate LAN using several Bluetooth devices sharing the same
		Access Point:
		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 2000
		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

Technical Specifications

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
	Modem Device Driver Name	Lucent Win Modem
	Data Mode Capabilities	V.90 (a-law, mu-law) K56flex (a-law, mu-law) V.8bis V.80 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, + Iirr
		Modulation: +MS, +MR, +MA
		Error control: +ES, +ER, +EB, +ESR, +ETBM
		Data compression: +DS, +DR
		V.251

Technical Specifications

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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