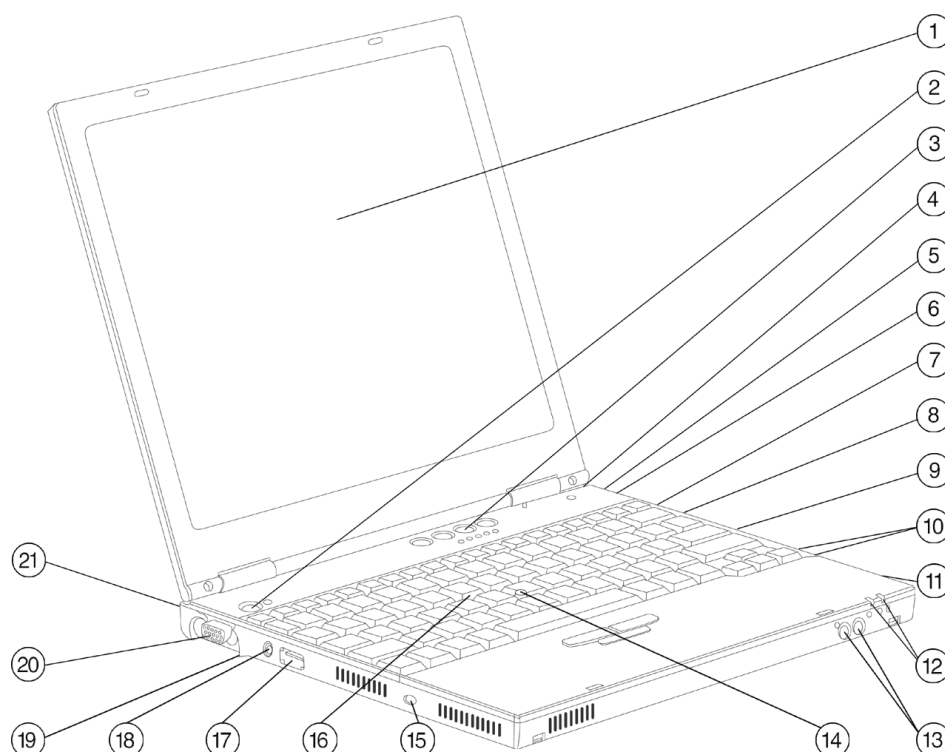
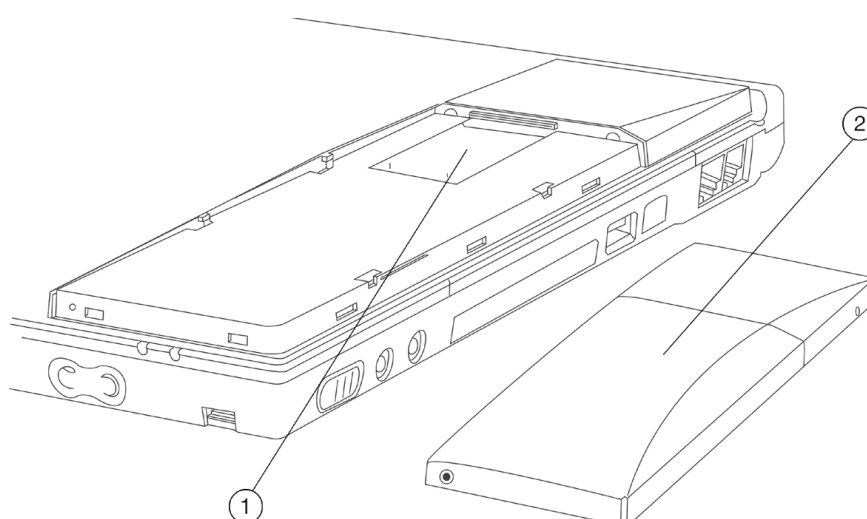


Overview



1. Colour Display
2. Suspend/Resume Button
3. Easy Access Internet Buttons
4. Rear System Ports (Parallel, Serial, TV Out)
5. RJ-11
6. RJ-45
7. IR
8. USB (1 of 2)
9. PC Card Slot
10. Audio In/Out Jacks
11. On/Off Button

12. Power/Battery LEDs
13. External Volume Control/Mute
14. Point Stick Pointing Device
15. Security Cable Slot
16. Full-size Keyboard
17. USB (2 of 2)
18. AC Power Connector
19. Internal Lithium-Ion Battery
20. VGA Out Port
21. Secondary Battery Connector



1. Multiport Connector

2. Multiport Module

Overview

What's New

- Mobile Intel® Pentium® III 850 MHz processor with SpeedStep™ technology

At A Glance

- Weighs only 3.5 lb/1.59 kg
- Less than 1 in/2.3 cm thin
- 12.1-inch XGA TFT display
- 128-MB SDRAM upgradeable to 512 MB
- 20-GB User removable SMART hard drive
- Integrated mini PCI 56K V.90 modem plus 10/100 NIC
- Complete set of system ports
- Microsoft® Windows® XP Professional Edition/Microsoft Windows 2000 (dual install)
- Protected by a Three-year, Worldwide Limited Warranty — Certain restrictions and exclusions apply. For details, consult the Product Information Centre at 1-888-882-6672.

What's Special

- Ultra-light weight – 3.5 lb/1.59 kg
- Innovative MultiPort
- Full sized keyboard
- Support for up to four batteries*
- Optional Mobile Expansion Unit providing Multimedia, storage and enhanced security features
- Magnesium display enclosure
- Compatible with current Compaq enterprise docking solutions
- Industry leading PC lifecycle solutions

NOTE: * = Requires optional MEU.

Standard Features

| | | |
|------------------------------|--|---|
| Processor and Panel | 850 MHz Mobile Intel Pentium III processor with SpeedStep technology with 256-KB L2 cache 12.1-inch TFT XGA display with 1024x768 resolution up to 16.7M colours | |
| Memory | Standard | 128-MB SDRAM |
| | Maximum | 512-MB SDRAM (with two slots) |
| | NOTE: 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. NOTE: 256-MB and 512-MB 133-MHz memory are not compatible with the Evo Notebook N400c. | |
| Communications | Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo 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. NOTE: Communication availability is subject to country regulatory approval. | |
| Keyboard | Full size desktop compatible keyboard, special feature hotkeys for instant access to power conservation, QuickLock/QuickBlank (ex: FN+F6), toggle between internal and external, or simultaneous displays, battery gauge, MultiPort on/off, speaker volume control, and brightness | |
| Easy Access Internet Buttons | The Evo Notebook N400c comes with four Easy Access Buttons designed to increase customer productivity by providing one-touch access to helpful Compaq information, favorite Internet destinations, files, or applications. | |
| Pointing Device | Pointstick | |
| PC Card Slots | One Type II PC Card Slot that supports both 32-bit CardBus (Full support in Microsoft Windows 9.x and Windows 2000) and 16-bit PCMCIA Cards | |
| Storage | Diskette Drives | Optional Floppy Drive* Optional SuperDisk 2X LS –120 Drive* |
| | Optical Drives | DVD/CD-RW Combo Drive* CD-RW Drive* DVD-ROM Drive* CD-ROM Drive* |
| | Hard Drive | 20-GB SMART |
| | NOTE: * = Requires optional Mobile Expansion Unit (MEU). | |

Standard Features

Multimedia

Compaq Premier-Sound for enhanced stereo audio (with optional MEU)
 Integrated 16-bit Sound Blaster Pro-compatible stereo audio
 Integrated speaker and microphone
 External volume controls
 Headphone-out
 Microphone in
 Software MPEG1 support
 DVD movie playback software
 DVD-ROM Drive with DVD movie playback*
 DVD/CD-RW Combo Drive*
 CD-ROM Drive*
 2X AGP Graphics
 8-MB SDRAM

NOTE: * = Requires optional Mobile Expansion Unit (MEU).

Interfaces

| | |
|---------------------------|--|
| MultiPort | 1 |
| PC Card | One Type II |
| Enhanced Parallel EPP/ECP | 1 |
| Serial Port | 1 |
| External Monitor | 1 |
| TV-out | 1 |
| Headphone/Line-out | 1 |
| Microphone in | 1 |
| AC Power | 1 |
| RJ-11 (modem) | 1 (Model dependent) |
| RJ-45 (NIC) | 1 (Model dependent) |
| 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 | 7 |

Graphics

ATI Mobility M1 with 8-MB SDRAM

Display (External)

Up to 32-bit per pixel colour depth
 Supports 640 x 480, 800 x 600, 1024 x 768, 1152 x 864, 1280 x 1024, or 1600 x 1200 resolutions up to 100-Hz refresh rate, dependent upon monitor capability, and resolution and colour depth settings

Display (Internal)

12.1-inch TFT XGA display with 1024 x 768 resolution up to 16.7M colours

Operating System

One of the following

Dual installation of Microsoft Windows XP Professional Edition and Microsoft Windows 2000
 Microsoft Windows 2000 preinstalled/Microsoft Windows NT 4.0 on Quick Restore CD
 Microsoft Windows 98 SE preinstalled

Standard Features

Software

Compaq Insight Management Agents
Diagnostics for Microsoft Windows
DVD Playback Software (with optional MEU)
Altiris eXpress™ Client
Compaq Power Management
Compaq Security Management
Safety and Comfort Guide
Acrobat Reader
Reference Guide

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).

Intelligent Manageability

Compaq Intelligent Manageability, a key component of PC Lifecycle Solutions, is the broad set of manageability features found on Compaq Deskpro EN desktops, Armada notebooks, Evo Clients, Professional Workstations, iPAQ Deskside and ProLiant server products. These best-in-class features on PC clients comply with industry standards, such as DMI and Wired for Management, while pioneering new ground in client manageability. Compaq introduced the industry's first line of manageable clients in 1995 and has been driving the industry ever since. With Compaq's lifecycle management philosophy, enterprises have all of the pieces for end-to-end management and proven tools for hassle-free management of PCs. The combination of these tools will significantly lower the Total Cost of Ownership of managing the computing environment. Intelligent Manageability offers solutions in the areas of Initial Configuration and Deployment, Asset Tracking and Security, Software Updating and Management, and Fault Notification and Recovery. For more information, visit these Compaq websites: <http://www.compaq.com/im>; <http://www.compaq.com/easydeploy>; <http://www.compaq.com/solutions/pcsolutions> **NOTE:** These Web sites are available in English only.

Security

Configuration Control Hardware
Memory Change Alert
Ownership Tag
Setup Password
Power-On Password
DriveLock
Enabled for PC SmartCard options

Power Supply

External AC Adapter (only 0.39 lb/0.18 kg, 6-foot/1.8 metre) power cord included. Total length including External AC adapter is 12 feet/3.66 metre

Battery

The Evo Notebook N400c 4-cell internal main Lithium-Ion battery provides over two hours of battery life; over four hours achieved using optional external battery.

NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 2:31 (hr:min) were achieved running the eTesting Labs Inc.'s BatteryMark™ Test version 4.0.1 on an N400c with an Intel Pentium III 700 MHz CPU, 12.1-inch XGA panel, 128-MB RAM, 20-GB HDD, 4-cell Lithium-Ion battery, and combination NIC/modem. System parameters were set according to Ziff Davis recommendations: panel brightness 50%, hard drive standby and video idle time three minutes, and Intel SpeedStep battery optimized mode.

NOTE: Actual results may vary with product model, configuration, and individual usage. Compaq results of 2:16 (hr:min) were achieved running the eTesting Labs Inc.'s BatteryMark Test version 4.0.1 on an N400c with an Intel Pentium III 850 MHz CPU, 12.1-inch XGA panel, 128-MB RAM, 20-GB HDD, 4-cell Lithium-Ion battery, and combination NIC/modem. System parameters were set according to Ziff Davis recommendations: panel brightness 50%, hard drive standby and video idle time 3 minutes, Intel SpeedStep battery optimized mode and battery conservation mode set to high.

NOTE: These tests were 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.

Standard Features

Power Conservation

Intel SpeedStep technology (allows a Battery Optimized Mode where CPU draws 50% of normal power yet affords 70 to 80% of maximum PIII processing speed)
Hibernation
Instant-on via Standby
Pop-ups with three presets
One custom level of power conservation
ACPI compliant

MultiBay Devices (with optional MEU)

MultiBay devices may be swapped with the system powered on (hot) or in suspend mode (warm) under Microsoft Windows 98 SE or Windows 2000 (except MultiBay Zip drive or MultiBay secondary hard drive).
MultiBay devices can be swapped with system power off under any supported operating system.
NOTE: Microsoft Windows NT 4.0 does not support hot swapping of the CD-RW drive.

MultiPort

Integrated MultiPort expands functionality via user removable MultiPort Modules. MultiPort modules can provide integrated wireless communications and enhanced security features. MultiPort modules can be hot swapped with the system powered on (hot) or in suspend mode (warm) under any supported operating system. The MultiPort interface is based on the USB 1.1 Standard Specification
NOTE: Microsoft Windows NT does not support USB technology.

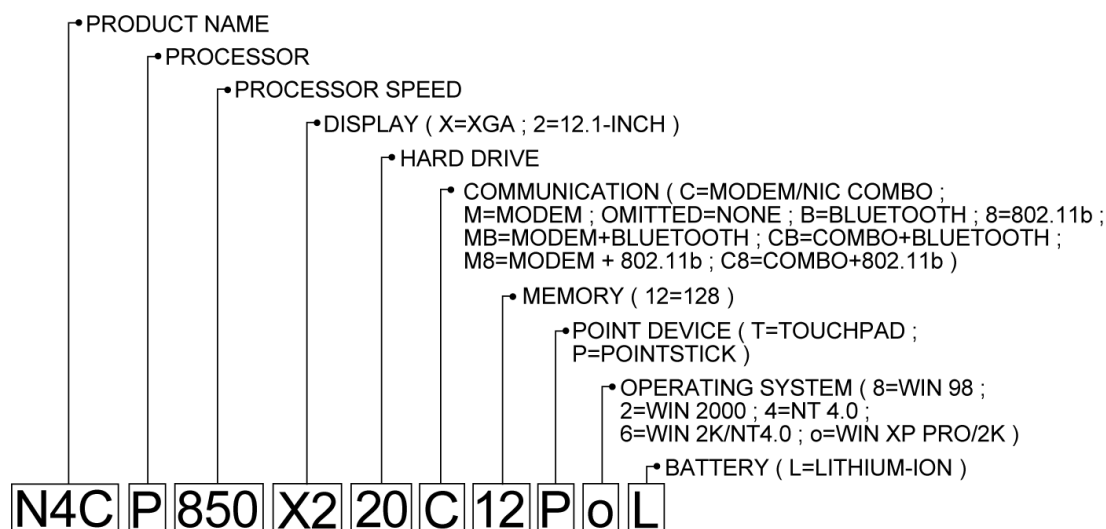
Service and Support

Compaq Services includes a Three-year, Worldwide Limited Warranty, pick-up or carry-in, toll-free 7 x 24 hardware technical phone support. Optional services include upgrade to Three-year Standard Warranty, Onsite Warranty, or Application and Operating System Support.

NOTE: Certain restrictions and exclusions apply. For details, consult the Product Information Centre at 1-888-882-6672.
http://www.compaq.com/support/warranty_upgrades/product_specific_warranty.html
NOTE: This Web site is available in English only.

Naming Convention

The Etymology of a Model name:



Standard Features

N4CP850X220C25PoL
P/N 470026-529/-633

| | |
|-------------------------|--|
| Display | 12.1-inch colour TFT XGA |
| Processor | Mobile Intel Pentium III 850 MHz |
| Cache Memory | 256-KB, L2 Cache |
| Memory | Standard 256-MB SDRAM Maximum 512-MB SDRAM |
| Optical Drive | None |
| Hard Drive | 20-GB SMART |
| Modem | Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo |
| Graphics | ATI Mobility M 8-MB SDRAM |
| Audio | Compaq Premier-Sound |
| Operating System | Microsoft Windows XP/Windows 2000 |
| MultiPort | Optional wireless modules available |

N4CP850X220C12P6L
P/N 470022-683/-684

| | |
|-------------------------|--|
| Display | 12.1-inch colour TFT XGA |
| Processor | Mobile Intel Pentium III 850 MHz |
| Cache Memory | 256-KB, L2 Cache |
| Memory | Standard 128-MB SDRAM Maximum 512-MB SDRAM |
| Optical Drive | None |
| Hard Drive | 20-GB SMART |
| Modem | Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo |
| Graphics | ATI Mobility M 8-MB SDRAM |
| Audio | Compaq Premier-Sound |
| Operating System | Microsoft Windows 2000/Windows NT 4.0 |
| MultiPort | Optional wireless modules available |

N4CP850X220C12P8L
P/N 470022-682/-649

| | |
|-------------------------|--|
| Display | 12.1-inch colour TFT XGA |
| Processor | Mobile Intel Pentium III 850 MHz |
| Cache Memory | 256-KB, L2 Cache |
| Memory | Standard 128-MB SDRAM Maximum 512-MB SDRAM |
| Optical Drive | None |
| Hard Drive | 20-GB SMART |
| Modem | Type III Mini PCI 56K (V.90) modem plus 10/100 NIC Combo |
| Graphics | ATI Mobility M 8-MB SDRAM |
| Audio | Compaq Premier-Sound |
| Operating System | Microsoft Windows 98SE |
| MultiPort | Optional wireless modules available |

Options

| | | |
|-----------------------------|---|------------|
| Memory | 128-MB (133 MHz) Memory Upgrade | 197897-B25 |
| | 64-MB (133 MHz) Memory Upgrade | 197896-B25 |
| | 256-MB (100 MHz) Memory Upgrade | 161554-B21 |
| | NOTE: 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. | |
| | | |
| Monitors | TFT8020 Flat Panel Colour 18-inch (carbon) | 159244-xxx |
| | TFT5010 Flat Panel Colour 15-inch (carbon) | 154486-xxx |
| | P1210 CRT 22-inch (carbon/silver) | 230538-001 |
| | P910 CRT 19-inch (carbon/silver) | 230535-001 |
| | S710 CRT 17-inch (carbon) | 154499-002 |
| | S510 CRT 15-inch (carbon) | 168636-002 |
| | | |
| MultiBay Hard Drives | 30-GB SMART Hard Drive | 212791-B25 |
| | 20-GB SMART Hard Drive | 212790-B25 |
| | | |
| MultiBay Storage Devices | DVD/CD-RW Combo Drive | 260472-B25 |
| | CD-RW Drive | 136186-B25 |
| | DVD-ROM Drive | 138230-B25 |
| | CD-ROM Drive | 298452-B25 |
| | SuperDisk 2X LS –120 Drive | 197895-B25 |
| | Floppy Drive | 226935-B25 |
| | Imomega Zip 250 Drive | 217387-B25 |
| | | |
| 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 |
| | | |
| Mobile Expansion Unit (MEU) | MEU with CD-RW drive and Floppy drive | 234281-B25 |
| | MEU with 8X DVD-ROM drive and Floppy drive | 234280-B25 |
| | MEU with 24X Max CD-ROM drive* and Floppy drive | 234279-B25 |
| | NOTE: * = Data transfer rates will vary from 150 KB/s to 3600 KB/s. | |

Options

| | | |
|--------------|---|------------|
| Connectivity | Compaq Type III Mini PCI 56K (V.90) Modem | 225640-B31 |
| | Compaq Type III Mini PCI 56K (V.90) Modem plus 10/100 NIC Combo | 225642-B31 |
| | Compaq Type III Mini PCI 56K (V.90) Modem plus 10/100 IPSEC NIC Combo | 225638-B31 |
| | Compaq M420 56K Global Modem | 317900-001 |
| | 10/100 TX PC Card UTP Controller | 335506-B21 |
| | 100Base TX Ethernet Upgrade | 225435-001 |
| | 1394 PC Card | 177593-B25 |

NOTE: For additional compatible PC Cards, view the Compaq PC Card Solutions List on the Compaq Web site at: <http://www.compaq.com/support/techpubs/pcmcia/>

NOTE: This Web site is available in English only.

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. Modem only supports Microsoft Windows 9.x and Windows NT 4.0.

| | | |
|-----------------------|---|------------|
| Wireless Connectivity | 802.11b MultiPort Wireless LAN module | 233412-xx1 |
| | 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 |

| | | |
|-----------------|---------------------------------|------------|
| Expansion Bases | Expansion Base | 383500-xx1 |
| | Expansion Base with Intel NIC | 120266-xx1 |
| | Expansion Base Tower Stand | 123129-B25 |
| | Convenience Base | 382500-xx1 |
| | Convenience Base with Intel NIC | 120971-xx1 |
| | Convenience Base Monitor Cover | 122931-xx1 |
| | Port Replicator EM | 382300-xx1 |

NOTE: The Evo Notebook N400c requires the optional Mobile Expansion Unit (MEU) for docking with any of the expansion bases listed above.

| | | |
|-------|--|------------|
| Power | 4-cell primary Lithium-Ion battery (internal) | 232593-B25 |
| | 4-cell secondary Lithium-Ion battery (external) | 236309-B25 |
| | 4-cell secondary Lithium-Ion high capacity travel battery (external) | 236310-B25 |

| | | |
|------------------------|-----------------------------|------------|
| Common Power Solutions | MultiBay Battery (6-cells)* | 387937-B25 |
| | External Battery Charger ** | 135555-xxx |
| | AC Adapter 65W | 265602-001 |
| | Auto Power Adapter/Charger | 401043-B25 |
| | Aircraft Power Adapter | 386504-B21 |
| | AC Line Cord (3.1 m/10-ft) | 217932-xx2 |

NOTE: * = Use of this option with the Evo Notebook N400c requires the optional Mobile Expansion Unit (MEU).

NOTE: ** = The Universal Battery Charger will charge the N400c external handle batteries. It will not charge the N400c internal primary battery.

Options

| | | |
|---------------------------|---|------------|
| Input Devices | Wireless Keyboard and Mouse | 251385-008 |
| | 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 |
| <hr/> | | |
| Security | Biometric PC Card | 146805-B25 |
| | Security Cable Lock | 294316-B21 |
| | Compaq Smart Card PC Card Reader | 135646-B25 |
| | PC Guardian Lock | 261680-B21 |
| <hr/> | | |
| Useful Accessories | MP1400 Microportable Projector | 174626-xx1 |
| | MP1800 Microportable Projector | 180226-xx1 |
| | MP2800 Microportable Projector | 180228-xx1 |
| | Multimedia Adapter & Remote Kit (comes with the MP1800) | 174963-001 |
| | MP1600 Video Adapter | 116298-001 |
| | MP1600 Lamp replacement kit | 118052-001 |
| | MP1800/1400 Lamp replacement kit | 189789-001 |
| | MP2800 Lamp replacement kit | 215464-001 |
| <hr/> | | |
| Carrying Cases | Compaq Ultralight Case (nylon) | 167336-B21 |
| | Compaq Ultralight Case (leather) | 242359-B25 |
| | Compaq Plus Case | 242360-B25 |
| | Compaq Professional Case (nylon) | 242361-B25 |
| | Compaq Professional Case (leather) | 242362-B25 |
| | Evo Notebook N400c, Armada M300 and Armada M700 specific | |
| | Compaq M Series Portfolio Case | 167337-B21 |

Memory

Compaq Evo Notebook N400c

Standard Memory

0-MB of memory on system board,
2 Slots total
1-128-MB DIMM installed in Slot 1
1-Additional open Memory Slot

| Memory | Slot 1 | Slot 2 |
|--------|--------|--------|
| | 128 MB | Empty |

Standard Memory with Optional Memory Upgrades

Support for up to 512-MB of SDRAM is available with the installation of optional SDRAM Memory Upgrades.

| Up to | Slot 1 | Slot 2 |
|--------|--------|--------|
| 128 MB | 128 MB | Empty |
| 192 MB | 128 MB | 64 MB |
| 256 MB | 128 MB | 128 MB |
| 320 MB | 256 MB | 64 MB |
| 384 MB | 256 MB | 128 MB |
| 512 MB | 256 MB | 256 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.

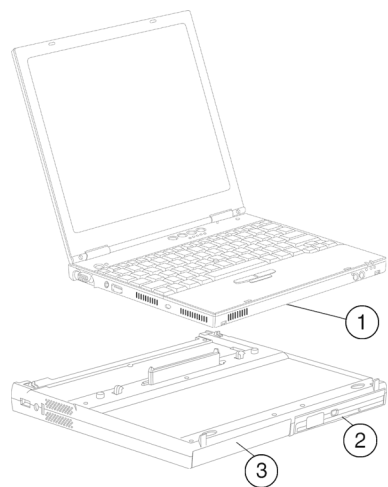
Following are memory options available from Compaq:

| | |
|---------------------------------|------------|
| 256-MB (100-MHz) Memory Upgrade | 161554-B21 |
| 128-MB (133-MHz) Memory Upgrade | 197987-B25 |
| 64-MB (133-MHz) Memory Upgrade | 197986-B25 |

NOTE: 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.

NOTE: 256-MB and 512-MB 133-MHz memory are not compatible with the Evo Notebook N400c.

Storage



- 1. Hard Drive
- 2. MultiBay
- 3. MultiBay

Drive Support

| System Drive Support | | |
|---------------------------------|--------------------|-------------------------------------|
| Removable Media | Quantity Supported | Drive Supported |
| 1.44-MB Diskette Drive | Up to 1 | External connects via parallel port |
| Hard Drives | | |
| 20-GB 4200 rpm SMART Hard Drive | Up to 1 | Hard Drive Bay |
| MEU Drive Support | | |
| Removable Media | Quantity Supported | Drive Bay Supported |
| 1.44-MB Diskette Drive | Up to 1 | MultiBay |
| CD-RW Drive | Up to 2 | MultiBay |
| DVD-ROM Drive | Up to 2 | MultiBay |
| CD-ROM Drive | Up to 2 | MultiBay |
| DVD/CD-RW Combo Drive | Up to 2 | MultiBay |
| Zip 250 Drive | Up to 2 | MultiBay |
| Super Disk 2X LS-120 Drive | Up to 2 | MultiBay |
| Secondary Hard Drives | | |
| 10-GB SMART Hard Drive | Up to 2 | MultiBay |
| 20-GB SMART Hard Drive | Up to 2 | MultiBay |
| 30-GB SMART Hard Drive | Up to 2 | MultiBay |

Technical Specifications

| | | | |
|----------------------------------|--------------------------------|--|--|
| System Unit | Dimensions (HxWxD) | 12.1-inch TFT panel display | 0.89 x 10.5 x 9.5 in (2.2 x 26.6 x 24.2 cm) |
| | Weight | Minimum/Maximum | 3.5 lb (1.58 kg) |
| | Stand-Alone Power Requirements | Nominal Operating Voltage (Li-Ion) | 14.8 VDC |
| | | Maximum Operating Power | 40W |
| | | Peak Operating Power | 50W |
| | Temperature | Operating | 50° to 95°F (10° to 35°C) |
| | | Non-operating | –4° to 140°F (–20° to 60°C) |
| | Relative Humidity | Operating | 10% to 90% relative humidity, non-condensing |
| | | Non-operating | 5% to 90% relative humidity, 101.6°F (38.7°C) maximum wet bulb temperature |
| | Shock | Operating | 10 G, 11 ms, half-sine |
| | | Non-operating | 60 G, 11 ms, half-sine |
| Vibration | Operating | 0.5 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate | |
| | Non-operating | 1.0 G, 10 to 500 Hz, 0.5 Oct/Min sweep rate | |
| Maximum Altitude (unpressurized) | Operating | 0 to 10,000 ft (3,048 m) (14.7 to 10.1 psia) | |
| | Non-operating | 0 to 30,000 ft (9,144 m) (14.7 to 4.4 psia) | |

| | | | |
|----------------------------------|-------------------------|--|------------------|
| 12.1-Inch Colour TFT XGA Display | Dimensions (H x W) | 10.3 x 7.8 in (26.1 x 19.9 cm) | |
| | Diagonal Size | 12.1 in (30.7 cm) | |
| | Mounting | Internal | |
| | Number of Colours | 16M | |
| | Contrast Ratio | 125:1 | |
| | Refresh Rate | 60 Hz | |
| | Brightness | 130 nit typical AC only/70 on battery115 nit minimum | |
| | Pixel Resolution | Pitch | 0.264 x 0.264 mm |
| | | Format | 1024 x 768 |
| | | Configuration | RGB Stripe |
| Backlight | CCFT | | |
| | Character Display | 80 x 25 | |
| | Total Power Consumption | 4W | |

Technical Specifications

Hard Drives

| | | | |
|----------------|--|-----------------------------|--|
| 20-GB | MultiBay Drive Adapter | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.15 lb (0.07 kg) |
| | Drive Weight | 0.21 lb (95 g) | |
| | Capacity | 20 GB | |
| | Height | 0.374 in (9.5 mm) | |
| | Width | 2.5 in (70 mm) | |
| | Interface | ATA | |
| | Transfer Rate Synchronous (maximum) | 100 MB/s (Drive Capability) | |
| | Seek Time (typical reads, including settling) | Single Track | 3 ms |
| | | Average | 12 ms (read) |
| | | Full-Stroke | 23 ms |
| | | Rotational Speed | 4200 rpm |
| Logical Blocks | ~ 39,070,080 | | |

| | | | |
|---------------------|-----------------------------|---------------------------|-------------------|
| External AC Adapter | Weight | 0.39 lb (0.18 kg) | |
| | Power Supply (Input) | Operating Voltage | 90 to 260 VAC RMS |
| | | Operating Current | 1.3 A RMS |
| | | Operating Frequency Range | 47 to 63 Hz AC |
| | | Maximum Transient | 4/50 kV |

| | | | |
|-----------------------------------|-------------------------------|---|-----------------------------|
| Internal Lithium-Ion Battery Pack | Weight | 0.49 lb (0.22 kg) | |
| | Cells | 4-cell Lithium-Ion | |
| | Energy | Voltage | 14.4 V |
| | | Amp-hour capacity | 1.96 Ah |
| | | Watt-hour capacity | 28Wh |
| | Temperature | Operating | 41° to 95°F (5° to 35°C) |
| | | Non-operating | -4° to 140°F (-20° to 60°C) |
| | Battery Re-Charge Time | System in OFF mode or Standby | 2 hours |
| | | System ON (depending of system power consumption) | 2-5 hours |

| | | | |
|------------------------------------|-------------------------------|--|-----------------------------|
| Secondary Lithium-Ion Battery Pack | Dimensions (H x W x D) | 0.9 x 10.47 x 0.9 in (2.3 x 26.6 x 2.3 cm) | |
| | Weight | 0.49 lb (0.22 kg) | |
| | Cells | 4-cell Lithium-Ion | |
| | Energy | Voltage | 14.4 V |
| | | Amp-hour capacity | 1.96 Ah |
| | | Watt-hour capacity | 28Wh |
| | Temperature | Operating | 41° to 95°F (5° to 35°C) |
| | | Non-operating | -4° to 140°F (-20° to 60°C) |

Technical Specifications

| | | | |
|---|---|--|--|
| Secondary High Capacity Lithium-Ion Battery Pack | Dimensions (H x W x D) | 1.8 x 10.6 x 1.2 in (4.6 x 26.6 x 2.3 cm) | |
| | Weight | 0.93 lb (0.42 kg) | |
| | Cells | 4-cell Lithium-Ion | |
| | Energy | Voltage | 14.4 V |
| | | Amp-hour capacity | 2.6 Ah |
| | | Watt-hour capacity | 37.4 Wh |
| | Temperature | Operating | 41° to 95°F (5° to 35°C) |
| | | Non-operating | −4° to 140°F (−20° to 60°C) |
| | | | |
| MultiBay Lithium-Ion Battery Pack (6-cell) | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) | |
| | Weight | 0.81 lb (0.37 kg) | |
| | Energy | Voltage | 10.8 V |
| | | Amp-hour capacity | 2.8 Ah |
| | | Watt-hour capacity | 30.2 Wh |
| | Temperature | Operating | 32° to 122° F (0° to 50° C) |
| | | Non-operating | 32° to 140° F (0° to 60° C) |
| | Battery Re-Charge Time | System in OFF mode or Standby | 2 hours |
| | | System ON | 2 to 5 hours |
| | | | |
| MultiBay DVD/CD-RW Combo Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.74 lb (0.33 kg) |
| | Centre Hole Diameter | 0.59 in (1.5 cm) | |
| | Disk Diameter | 12 cm/8 cm | |
| | Disk Thickness | 0.047 in (1.2 mm) | |
| | Track Pitch | 0.74 μm | |
| | 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 (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 | < 15 seconds | |
| | Stop Time | < 6seconds | |

Technical Specifications

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|-----------------------------|--|----------------------------------|--|
| MultiBay CD-RW Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.74 lb (0.33 kg) |
| | Centre Hole Diameter | 0.59 in (1.5 cm) | |
| | Disk Diameter | 12 cm/8 cm | |
| | Disk Thickness | 0.047 in (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 (minimum) | |
| | Data Transfer Rate (typical, including settling) | Sustained (16X) | 150 KB/s |
| | | Sustained 4X CD-RW | 5,520 KB/s |
| | | Normal PIO Mode 4 (single burst) | 16.6 MB/s |
| | Start-up Time | < 15 seconds | |
| | Stop Time | < 6 seconds | |

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|-------------------------------|--|----------------------------------|--|
| MultiBay DVD-ROM Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.66 lb (0.3 kg) |
| | Centre Hole Diameter | 0.59 in (1.5 cm) | |
| | Disk Diameter | 12 cm/8 cm | |
| | Disk Thickness | 0.43 in (1.09 cm) | |
| | Track Pitch | 0.74 μ m | |
| | Access Times (typical reads, including settling) | Random (typical) | < 180 ms DVD Media |
| | | Full-Stroke (typical) | < 300 ms DVD Media |
| | | Random (typical) | < 120 ms CD Media |
| | | Full-Stroke (typical) | < 200 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 | |

Technical Specifications

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| MultiBay 24X CD-ROM Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.50 lb (0.22 kg) |
| | 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 | |
| | Centre Hole Diameter | 0.59 in (15 mm) | |
| | Disk Diameter | 12 cm, 8 cm | |
| | Disk Thickness | 0.047 in (0.12 cm) | |
| | Track Pitch | 1.6 μ m | |
| | Access Times (typical reads, including settling) | Random | < 150 ms |
| | | Full-Stroke | < 300 ms |
| | Audio Output Level | Line-out | 0.7 Vrms |
| | Cache Buffer | 128 KB | |
| | Data Transfer Rate (typical, including settling) | Sustained (16X) | 150 KB/s (sustained 1X) |
| | | Variable | 1500 to 3600 KB/s (10X to 24X) ^v |
| | | Normal PIO Mode 4 (single burst) | 16.66 MB/s |
| | Start-up Time | < 8 seconds | |
| | Stop Time | < 4 seconds | |

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|--------------------------------|---------------------------|---------------------------|--|
| MultiBay Diskette Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.51 lb (230 g) |
| | Diskette Size | 3.5 in | |
| | Activity Indicator | On system | |
| | Height | 0.5 in (1.27 cm) | |
| | 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

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| MultiBay SuperDisk 2X LS- 120 Drive | MultiBay Drive | Dimensions (H x W x D) | 0.5 x 5.21 x 4.97 in (1.27 x 13.25 x 12.61 cm) |
| | | Weight | 0.61 lb (0.28 kg) |
| Maximum Transfer Rate | From Disk | 896 KB/s | |
| | Sustained | 375 to 900 KB/s | |
| 120 MB Physical Format | Number of Heads | 2 | |
| | Bytes per Sector | 512 | |
| | Sectors per Track | 51 to 92 | |
| | Zones/Side | 55 | |
| | Data Tracks per Side | 1736 | |
| | Servo Tracks | 900 | |
| | Sector Interleave | 1:1 | |
| Access Times (including setting) | Track-to-track | 20 ms | |
| | Average | 70 ms | |
| | Latency Average | 41.67 | |
| Operating Conditions | Temperature | 41° to 131° F(5° to 55° C) | |
| | Humidity | 10% to 80% RH | |
| Operating System Support | | Microsoft Windows 95, Windows NT 4.0 | |
| Option Kit Contents | | LS-120 Drive, 17 mm MultiBay Adapter, Software, Documentation | |
| NOTE: Drivers for the LS-120 Drive are standard in Microsoft Windows 95/OSR2, Windows NT 3.51/SP5, and Windows NT 4.0. Use the LS-120 Option Support Diskette (included in option kit) with earlier releases of Windows 95 and NT 3.51. | | | |

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|-------------------------------|--|--|---------------------------------|--|
| MultiBay Iomega Zip 250 Drive | Dimensions (H x W x D) | 5.26 x 5.24 x 5.71 in (13.35 x 13.3 x 14.5 cm) | | |
| | Weight | 9.8 oz or Xg (277.8 g) | | |
| | Transfer Rates | 250 Media: 1200 – 2400 KB/s | | |
| | | 100 Media: 138 – 1400 KB/s | | |
| | Access Times (including setting) | Track-to-track: 5 ms | | |
| | | Average: 40 ms | | |
| | | Latency Average: 10 ms | | |
| | | Maximum: 70 ms | | |
| | Operating Conditions | Temperature | 41° to 124.7° F (5° to 51.5° C) | |
| | | Humidity | 10% to 80% RH | |
| Operating System Support | Microsoft Windows 95, 98, Windows NT 4.0, Windows 2000, Windows Me | | | |
| Option Kit Contents | Zip 250 Drive, Documentation | | | |

Technical Specifications

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|---------------------------------|---|--|---------------------------|
| 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 98/98SE | |
| | | Microsoft Windows 2000 | |
| | | Microsoft Windows Millennium | |
| | Protocols Supported | TCP/IP | |
| | | IPX/SPX | |
| | | UDP | |

Technical Specifications

| | |
|-----------------------|---|
| 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 |
| LED Activity | Flashing LED – AP Search Mode Solid LED – On LED Off – Power Off |

| 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 Profile LAN Access Profile Object Push Profile |

Technical Specifications

| | |
|------------------------------------|---|
| 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 98/98SE Microsoft Windows 2000 Microsoft Windows Millennium |
| 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.90) Modem plus 10/100 NIC Combo | Form Factor | Mini-PCI Type III per Specification |
| | OS Support (with all released Service Packs) | Microsoft Windows 98 (Gold, SE), Windows NT4.0, Windows 2000, Windows Millennium Edition, DOS Application Support under Windows |
| | 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 |
| | NIC Device Driver Name | Intel PRO/100 P Mobile Combo Adapter |
| | Data Link Layers | IEEE 802.2 LLC SNAP |

Technical Specifications

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|--------------------------|--|
| 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. 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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