
The Compaq Evo mobile workstation N800w

Product Overview

Workstation Performance, freedom of mobility.



Featuring

- Processor** Mobile Intel® Pentium® 4 Processor-M
- Special Features** ATI Mobility Fire GL 9000
ISV Workstation Certifications
From -2.7kg(6.0 lbs.) -& 3.6 cm(1|4-inch)
thin
Common options & accessories

COMPAQ

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For More Information, Contact _____

For more information about the Compaq Evo mobile workstation N800w or any other HP product, contact your HP Authorized Reseller or visit these online locations to learn more about HP products, services, and support:

HP Home Page	www.hp.com/products/notebooks
HP Intelligent Manageability	www.hp.com/im
HP Services	www.hp.com/services
HP Support	www.hp.com/support
Contact Information	http://www.hp.com/comments.html

Executive Summary

Introduction

The Compaq Evo Mobile Workstation N800w offers top of the line ATI Mobility Fire GL 9000 graphics with full 3D OpenGL and DirectX support, reliability from ISV workstation certifications, and industry leading price-performance in a thin and light notebook. It is designed to provide unparalleled mobile freedom for engineers, artists, video production, and notebook users requiring additional performance or graphics options. The modularity of features such as MultiPort and MultiBay provide outstanding flexibility and investment protection, allowing easy integration of wireless, removable media, and other performance enhancements.

Top Of The Line Graphics: ATI Mobility Fire GL 9000

- Provides unprecedented 3D rendering and video performance for demanding workstation applications.
- Superb image clarity for native and lower resolutions.
- Enhanced texture mapping performance.
- Vertex/pixel shaders allow an infinite range of visual effects at interactive frame rates
- Multi-display functionality provides the ability to keep important applications open on different screens, maximizing viewable workspace.
- ATI PowerPlay™ dynamically adjusts power consumption based on user activity to maximize battery life.

ISV Workstation Certifications

The Compaq Evo Mobile Workstation N800w is certified with the latest professional ISV workstation applications for a wide range of vertical segments including Digital Content Creation (DCC), Mechanical CAD/Architectural Engineering and Construction, and Geographic Information Systems.

The Compaq Evo Mobile Workstation N800w gives engineers, artists, and video production personnel the power to get the job done and the freedom to be productive anywhere. It is the ideal solution for the user who needs to work at multiple locations, achieve productivity in the field, attend technical sales calls, work from home, perform customer demonstrations, or execute on-location, real-time video editing. The combination of workstation performance and notebook mobility gives companies a powerful mobile productivity tool to maintain their competitive edge.

Performance In A Thin And Light Design

Everything you need in a sleek design makes this a truly mobile workstation.

- Thin and light design from [2.7 kg\(6.0 lbs.\)](#) and [3.6cm \(1.4 inches\)](#).
- Latest Mobile Intel® Pentium® 4 Processor-M

- 15-inch UXGA resolution (1600 x 1200) or 15-inch SXGA+ resolution (1400x1050)
- Hard drive sizes including 60GB (up to 120GB with 60GB system HDD and 60GB Multibay HDD¹) that provides true workstation storage capacity.
- Innovative MultiPort for wireless connectivity and productivity on the go
- Integrated NIC for wired connectivity
- MultiBay Devices for a variety of removable media
- Extended Battery life with dual Battery
- USB 2.0, the latest USB Standard, offering an interface, which is 40 times faster than USB 1.1.
- Common docking options to simplify desktop replacement functionality

¹ When Available

Key Features

Compaq Evo mobile workstation N800w			
Graphics	ATI Mobility Fire GL 9000 graphics controller with 64 MB DDR SDRAM		
ISV Certifications Plan	MCAD / AEC		
	Professional CAD I-DEAS, Unigraphics (EDS) Pro/E (PTC) CATIA (Dassault)	mid-market CAD SolidEdge (EDS) SolidWorks (Dassault) Inventor (AutoDesk) MicroStation (Bentley)	entry CAD AutoCAD (AutoDesk) otherCAD Studio Tools (Alias Wavefront) ICEM (PTC)
	DCC		
	3D animation 3D Studio Max (Discreet) Maya (Alias Wavefront) 3D / XSI (Softimage) Houdini (Side Effects) Lightwave (Newtek)	DV/NLE Premiere (Adobe) After Effects (Adobe) Xpress DV (Avid) Speed Razor (InSync) Edition (Pinnacle)	2D animation/imaging Photoshop, Live Motion (Adobe) ToonBoom (US Animation) others
	GIS	ArcInfo (ESRI)	
Processor	Mobile Intel® Pentium® 4 Processor-M ² (2.0GHz, 2.2GHz) ³		
Memory	256Mb or 512 MB DDR SDRAM standard; expandable to 2GB using two slots (when 1Gb modules will be available) 512-MB-DDR-SDRAM-standard-expandable-to-2GB-using-two-slots-when-available		
SMART hard drives	40GB or 60 GB – 5400 RPM. Up to 120GB with MultiBay Hard Drive 60-GB—5400-RPM-and-up-to-120GB-with-MultiBay-Hard-Drive		
Cache	512 KB integrated cache		
Architecture	PCI		
Optical Drive	DVD/CD-RW, CD-RW, 8X DVD-ROM, or 24X CD-ROM		
Diskette drive	Optional 1.44 MB		
Audio	Dual Integrated JBL Pro Speakers 16 bit stereo sound. Headphone And Microphone Jacks		
Screen	15-inch Color TFT, 1600x1200, UXGA resolution; 15-inch Color TFT, 1400x1050, SXGA+ resolution		
Communications	Type III Mini PCI 56K (V.92) modem, integrated 10/100 NIC		
Keyboard	Full sized keyboard with 3 Programmable Easy Access Internet Buttons		
MultiPort	Provides users with integrated wireless capability and delivers optimal performance and flexibility to upgrade to new technologies with a choice of 802.11b Wireless LAN or Bluetooth MultiPort modules.		
Battery	8-cell Lithium-Ion technology, dual battery support through the MultiBay. SBS Battery Architecture		
Ports/connectors	USB 2.0 port (2) Infrared Port Microphone in Stereo Speaker/Headphone out	S-Video PCMCIA (1) Parallel VGA	Docking DC In RJ-11 and RJ-45
	MultiBay	DVD/CD-RW 8X DVD-ROM 24X CD-ROM	Second Battery Second Hard Drive Diskette Drive Weight Saver
Operating System	Pre-Installed Windows 2000 or Windows XP Pro		
Software Included	Diagnostics for Windows	Online Safety & Comfort Guide	Reference Guide Adobe Acrobat Reader
	Security Features	Configuration Control Hardware Memory Change Alert	Ownership Tag Setup Password Power-On Password
Manageability	Compaq Intelligent Manageability and Compaq Power Management		
Dimensions	3.83.6 x 32.7 x 26.6 – cm 1.4 x 12.9 x 10.5 inches (H x W x D) 1.4 x 12.9 x 10.5 inches		

² Supports Enhanced Intel® SpeedStep™ Technology

³ Mobile Intel Pentium 4 processors featuring Intel SpeedStep technology, speed denotes maximum performance mode; battery optimization mode is approximately 80% of maximum performance mode.

Weight (min.)	<u>2.72 kg</u> /6.0 lbs/ 2.72 kg (with 15-inch panel and weight saver in Multibay)	
Optional Docking Solutions	Advanced Port Replicator	Port Replicator

Note: Exact products and specifications shown may vary by geographic region and are subject to change.

The Compaq Evo mobile workstation N800w Advantage

The Compaq Evo mobile workstation N800w offers mobile freedom in real-time for engineers, artists, video production personnel, and performance notebook users giving them the choice to work remotely, present concepts and/or designs outside the workplace, and travel wherever their work takes them. This professional workstation offers the latest ATI Mobility Fire GL 9000 graphics with full 3D OpenGL and DirectX support and is certified with the latest professional ISV workstation applications for a wide range of vertical segments. Furthermore, modularity features such as MultiPort and MultiBay provide outstanding flexibility and investment protection, allowing for easy integration of wireless, removable media, and other performance enhancements.

All of this functionality is wrapped up in an industry leading price-performance thin and light notebook. The Compaq Evo mobile workstation N800w is a total powerful mobile solution with true workstation graphics, features, and performance.

Top Of The Line Graphics: ATI Mobility Fire GL 9000

The Compaq Evo mobile workstation N800w graphics set offers 64MB of DDR video memory and ATI Mobility Fire GL 9000 – providing the best mobile graphics feature set for demanding professional workstation applications.

- Provides unprecedented 3D rendering and video performance for demanding workstation applications.
- High performance 2D and 3D OpenGL and DirectX graphics
- Superb image clarity for native and lower resolutions.
- Enhanced texture mapping performance
- SMARTSHADER™ technology, an extension of the Vertex Shader and Pixel Shader programming languages first introduced by Microsoft in DirectX® 8.0, brings a new level of graphical effects to personal computers
 - Support for up to six textures in a single rendering pass, allowing more complex effects to be achieved without the heavy memory bandwidth requirements and severe performance impact of multi-pass rendering
 - A simplified yet more powerful instruction set that lets developers design a much wider range of graphical effects with fewer operations
 - Pixel shaders up to 22 instructions in length (compared to 12 instructions in DirectX® 8.0 Pixel Shaders) allow more accurate simulation of the visual properties of materials
 - Ability to perform mathematical operations on texture addresses as well as color values, enabling new types and combinations of lighting and texturing effects that were previously impossible
- Multi-display functionality provides the ability to keep important applications open on different screens, maximizing viewable workspace.
- ATI POWERPLAY™, a revolutionary new power management technology that dramatically reduces the power consumption of ATI's MOBILITY RADEON™ family of mobile graphics products, provides users with the optimal balance between performance and power, delivering high

performance when needed and conserving power in battery mode when the demand on the graphics processor is low.

ISV Workstation Certifications

The Compaq Evo Mobile Workstation N800w is certified with the latest professional ISV workstation applications for a wide range of vertical segments including Mechanical CAD/Architectural Engineering and Construction, Digital Content Creation (DCC) and Geographic Information Systems. ISV certifications provide a peace of mind for ensured reliability and guaranteed compatibility with the most popular workstation applications.⁴

MCAD/AEC – Mechanical CAD / Architectural Engineering and Construction

In the past, engineers have used notebooks primarily for email correspondence and technical presentations, but were confined to their desktop for project work due to the limited graphics capability of notebooks. The new Compaq Evo mobile workstation N800w will enable engineers to take their real work with them. A customer visit, a collaborative design review in a boardroom, a technical sales call, or work at home, the new mobile workstation provides the required freedom and the ability to get the job done.

Application	software vendor
Professional CAD	
Unigraphics, I-deas	EDS
CATIA	Dassault
Pro/ENGINEER	PTC
Mid-Market CAD	
SolidEdge	EDS
SolidWorks	Dassault
Inventor	AutoDesk
MicroStation	Bentley
Entry CAD	
AutoCAD	AutoDesk
Other CAD	
StudioTools	Alias wavefront
ICEM	PTC

DCC - Digital Content Creation

⁴ Note: Certification completion schedule may vary.

In the DCC market, companies are beginning to outsource content creation to freelance artists and smaller production houses. This new model provides them with the best in flexibility and operating efficiency and has created a large demand for mobile artistic talent. A mobile workstation solution provides artists with a tool that lets them go wherever their work takes them. The new Evo mobile workstation N800w enables:

- Mobile 3D Content Creation – unleash the creativity of 3D artists and animators by unchaining them from the desktops
- Video Editing At The Scene – produce immediate results by adding effects, transitions, and edits while the shot is fresh in your head
- Conduct More Effective Concept Reviews – create an interactive review environment by allowing customers to provide immediate feedback and direction

Application	software vendor
3D Animation	
3D Studio Max	Discreet
3D, XSI	SoftImage
Maya	Alias wavefront
Houdini	Side Effects

Digital Video / Non-Linear Editing	
Premiere, After Effects	Adobe
Xpress DV	Avid
Edition	Pinnacle

2D Animation and Imaging	
Photoshop, Live Motion, Illustrator	Adobe
ToonBoom	US Animation

GIS – Geographic Information Systems

GIS, or geographic information systems, combine several layers of raw data into a visual/graphical representation that makes geographic analyzing possible. Examples of this may be weather patterns, natural resource mining, traffic pattern studies, etc. These applications were traditionally run under Unix operating systems (ie. HP-UX). The combination of exceptionally large data sets and graphics visualization required this. As Windows™ based computers became more powerful we’ve seen GIS applications migrate to the Windows® desktide workstations. The new mobile workstation takes it one step further, allowing engineers and analysts to take the GIS applications with them. The fast processors, UATA hard drives, large memory capacity, and high-performance graphics make geographic data visualization a snap, and the mobile workstation let’s the engineers go where their work takes them.

<i>Application</i>	<i>software vendor</i>
--------------------	------------------------

GIS	
ArcInfo	ESRI

Performance In A Thin And Light Design

Everything you need in a sleek design makes this a truly Mobile Workstation.

Thin and Distinctive Style

The Compaq Evo mobile workstation N800w delivers the latest cutting-edge technologies with serious power in a thin and light design. With weight starting at **2.7 kg (6.0 lbs)** with a 15-inch panel, the mobile workstation N800w is a truly mobile desktop.

The Compaq Evo mobile workstation N800w also features tactually and visually rich features with the strategic use of materials such as chrome, steel and rubber-coated surfaces. The large 15-inch panel is protected by a sturdy magnesium enclosure. This sophisticated design has integrated features like a soft-touch surface for wrist comfort, 4-way internet scroll and front speaker location for optimum sound quality. The mobile workstation N800w also has a contour door on the back of the system to protect ports and connectors, as well as making it comfortable to carrying in your hand.

Mobile Intel® Pentium® 4 Processor - M

The Compaq Evo mobile workstation N800w provides the highest speed and performance mobile processor from Intel – up to 2.2GHz⁵ clock speed. The Pentium 4-M is built on .13 micron technology, which, with the smallest transistors, provides lower power and a smaller mobile package to improve battery life. The Pentium 4 Processor – M also includes 512K-cache and supports Enhanced Intel SpeedStep™ technology for advanced power savings while on the move. Additionally, the Mobile Pentium 4 processor maximizes performance and productivity with a 400MHz processor system bus and support for DDR memory up to 2GB when available. The high-speed DDR memory performance is enabled by a 266MHz clock-speed and 2.1GBps peak bandwidth.

The Mobile Intel Pentium 4 Processor-M also provides advanced power management features for improved battery life such as deep and deeper sleep. Deep sleep is a low power processor state that provides improved system power savings during microseconds of inactivity, while deeper sleep provides additional voltage reduction by dropping the processor down to less than 2 watts during applicable idle modes. The Pentium 4 Processor – M also supports ACPI 2.0.

Expandable Memory

To easily support the latest workstation or high-performance applications, the Compaq Evo mobile workstation N800w features 512 MB of high-performance 266 MHz DDR in one of the two available memory slots, expandable to 2GB when available.

⁵ Mobile Intel Pentium 4 processors featuring Intel SpeedStep technology, speed denotes maximum performance mode; battery optimization mode is approximately 80% of maximum performance mode.

Display, Audio and Video Capabilities

The Compaq Evo mobile workstation N800w Series excels in display, audio and visual quality to meet all the high performance needs of the workstation and mobile users.

Performance features include:

- **Optimal display resolutions.** A large 15-inch display and up to 1600x1200 UXGA resolution on a color TFT screen, the Compaq Evo mobile workstation N800w offers desktop-equivalent imaging, presentation and application viewing quality.
- **Audio and video.** The Compaq Evo mobile workstation N800w Series is capable of full-motion video presentation via DVD and universal television display. The Compaq Evo mobile workstation N800w also has dual integrated speakers, MPEG-2 software, Dolby Digital certified sound with JBL Pro Speakers, and either a DVD/CD-RW, CD-RW, DVD, or CD-ROM.

Storage Options

To meet the greater storage demand requirements of today's corporate users, the Compaq Evo mobile workstation N800w drive capacities are 30GB, 40GB or 60GB. The 40GB and 60GB drives are higher speed drives, 5400rpm, for ultimate performance. All of the drives are also SMART Ultra ATA hard drives. SMART (Self-Monitoring Analysis and Reporting Technology) is a special feature designed to provide fail-safe protection and keep the unit running at peak efficiency. A key SMART feature is fault prediction, which monitors the hard drive and warns of impending problems before they occur, giving you time to backup the drive before it fails and data is lost. Should an impending failure condition arise, the SMART drive is covered under the HP *pre-failure* warranty, which means that HP will replace the hard drive free of charge.

The Compaq Evo mobile workstation N800w SMART drive also features DriveLock, an embedded password security system that prevents unauthorized access to confidential data, and travels with the hard drive even if it is relocated to another notebook.

Wireless Capabilities

The Compaq Evo mobile workstation N800w offers the latest in wireless compatibility with optional MultiPort modules or PC cards. The innovative and award-winning MultiPort solution from HP connects users to a wireless network via Bluetooth or 802.11b wireless LAN technology and provides users with the flexibility to expand the capabilities of their system to meet the increasing demands of today's business environment.

The MultiPort is integrated into the design of the notebook, which provides a performance edge when compared with many wireless LAN solutions currently on the market. The Compaq Evo mobile workstation N800w also can connect to a wireless network using other client adapters such as the Compaq WL110 11 Mbps Wireless LAN PC Card.

Located on the top of the notebook behind the display enclosure, the MultiPort accepts optional user removable modules. The module provides wireless communication capabilities and enhanced security into the newest line of core Evo Notebook products.

The MultiPort is a standard interface available on core Evo notebooks. By making this a standard interface, MultiPort modules can be used with any of the core Evo notebooks

equipped with this port in the same way common MultiBay devices can be utilized across product lines.

Together the MultiPort or PC Cards give users the freedom to roam while staying connected to the enterprise LAN, and provides scalable growth for the enterprise.

Latest Digital Interfaces

The Compaq Evo mobile workstation N800w has 2 USB version 2.0 ports, the latest USB interface standard, which is 40-times faster than USB 1.1. The plug-and-play and hot-swapping compatible USB version 2.0 provides additional bandwidth for multimedia and storage applications. With full backward compatibility to USB 1.1 devices, USB 2.0 provides investment protection ensuring compatibility of USB 1.1 devices with the next generation of high-speed, USB 2.0 peripherals.

USB 2.0 is just as easy-to-use as USB 1.1, just faster. It uses the same physical connector and the throughput automatically adjusts to use the highest speed the device is capable of using. Furthermore, USB 2.0 Provides the same level of plug and play support users have enjoyed with USB 1.0/1.1.

Commonality

Commonality and compatibility work together to make life easier for corporate buyers who often purchase large quantities of desktop and notebook computers that must be integrated and work together across enterprise networks.

Common Software Image

HP is driving simplicity in PC management through implementation of common pre-installed software across the core Evo Notebook products. Customers realize benefits through lower total cost of ownership, simplified product deployment and long-term manageability. HP is the only PC OEM that can offer this level of software consistency.

Common Docking

The Compaq Evo mobile workstation N800w supports HP's Port Replicator and Advanced Port Replicator. The Port Replicator provides basic replication of the Compaq Evo mobile workstation N800w system ports plus it incorporates NIC pass-through and additional ports not found on the Compaq Evo mobile workstation N800w system – TV out, DVI, S/PDIF, and (2) PS/2. The Advanced Port Replicator delivers a cost-effective no compromise desktop-functionality solution. It provides the same cable management features as the Port Replicator, but also includes an integrated MultiBay and an optional monitor stand.

For users that require the simple addition of another spindle, HP also introduces the External MultiBay Cradle, which supports the breadth of the MultiBay storage device line and features boot support and a security slot.

Common MultiBay Support

The MultiBay, common to core Evo notebooks and legacy E and M Armada series notebooks, offers extended configuration flexibility to users and total cost of ownership savings to the IT professional. Devices such as DVD/CD-RW Combo, CD-RW, DVD-ROM,

CD-ROM, or Zip 250 drive, additional hard drive, Diskette drive or weight saver will work in the MultiBay. Most devices can be easily hot swapped.⁶

Common MultiPort Solutions

The MultiPort is a common interface on core *Evo* notebooks and provides users with expansion capabilities. This common interface allows for MultiPort modules to be utilized with any *Evo* notebook equipped with a MultiPort and utilizing USB technology. Modules such as the 802.11b and Bluetooth work in the MultiPort.

Common Power Solutions

The Compaq Evo mobile workstation N800w Series offers a variety of power solutions for the mobile professional, featuring a versatile DC power port that connects to a variety of sources, whether on the road or in the office. An AC adapter is provided as a reliable power source for using the unit or charging the batteries. On the road productivity can be optimized by adding a second battery in the MultiBay. Other options, which offer powerful flexibility, are the aircraft power adapter⁷ and automobile power/adaptor charger accessories, which are also common across the new *Evo* series. More information on these accessories is included in the Appendix.

Other Common Accessories

A full line of common accessories for *Evo* notebooks is available, including but not limited to, carrying cases, PC cards, monitors and memory. More information on these accessories is included in the Appendix.

Easy Access Internet Buttons _____

Three Easy Access Internet Buttons allow quick, one-touch access to popular Internet sites, files, and applications. The buttons are pre-set; but can be easily customized to meet customer needs. Typical settings are:

- Internet: Launches your internet browser for quick and easy internet access.
- E-mail: Launches your e-mail application and connects to your e-mail server.
- Search: Takes you to your favorite Internet search site.

Choice of Operating Systems _____

The Compaq Evo mobile workstation N800w offers a choice of either Microsoft Windows XP Pro or Windows 2000 Pro pre-installed.

Tested/certified for the mainstream O/S environments _____

HP performs its own rigorous testing of products to make sure they are compatible with major networking and operating system environments including NetWare and Microsoft Windows (Windows XP Home Edition, Windows XP Professional Edition, and Windows 2000 Professional). Windows XP, the latest operating system from Microsoft, incorporates the

⁶ MultiBay Hot Swapping is not fully supported under Windows NT.

⁷ Prevents battery charging while connected in accordance with FAA regulations

reliability and performance of Windows 2000 with improved usability features, allowing mobile business users to get as much work done on the road as while in the office.

Accessibility Features

The Evo mobile workstation N800w incorporates a variety of features to improve accessibility for persons with disabilities - like single-hand operations for opening the notebook, changing batteries, and swapping MultiBay drives. The keyboard features tactilely discernable marks for hand placement, assisting persons with low or no vision, and adjustable keyboard response time to improve accessibility for persons with limited mobility. The Compaq Evo mobile workstation N800w also offers user-definable high-contrast color schemes, sticky keys, and a variety of OS/software accessibility functions.

Service and Support

The Evo mobile workstation N800w is protected under this industry leading HP support umbrella. HP and its partners provide more than 100,000 sales and authorized service locations worldwide, with trained professionals ready to give users an unparalleled depth of service and support at the local level.

HP Global Service and support options run the gamut, from supplying customers with the tools to handle everything in-house to complete turn-key integration, configuration, migration, certification testing, and image loading. Service and support can be performed by HP personnel on-site or before your shipment even leaves the factory. This generous support umbrella includes:

- **Three-year worldwide warranty.** Covers all parts and labor for three years and may be upgraded to include on-site service.
- **Enhanced repair.** HP will pick-up the unit, then repair and return it by the 2nd business day.
- **Prefailure warranty.** The SMART hard drive on the Evo mobile workstation N800w is covered for one year - if the customer receives a warning of an impending failure, HP will replace the hard drive free of charge.
- **System recovery CD.** System and Application recovery CD. Standard with the Evo Mobile workstation N800w, this CD completely restores the original hard drive contents in case of system crash or restores individual HP value-add software applications and drivers
- **InfoMessenger.** Through the HP website, this proprietary program provides HP customers with automatic notification of system updates on newly registered products.
- **Award-winning technical support.** Award-winning technical support is available by phone or from HP's Internet service and support site, which operate 24x7x365.
- **End user replaceable parts.** An optional end-user replaceable parts program is available free of charge for do-it-yourself customers.

- **Software quick support.** This special service provides an exclusive 800 number specifically designed for small- and medium-sized businesses that have software problems and questions.
- **Internet knowledge database.** An interactive Internet-based knowledge database designed for customer queries.

A World Of Services To Support Customer Business _____

Customers today demand a higher level of service than ever before. HP Global Services has responded with solutions and services that effectively address their IT infrastructure needs, both present and future. Unlike most other vendors, we offer:

- Holistic high-availability lifecycle support
- Superior technical talent
- A global services infrastructure
- eServices delivery
- Multivendor, multi-technology service capabilities
- A single point of accountability
- A commitment to meeting customer needs on time and on budget
- Computing on Demand—customer technology support when and where it's needed

To find out more about HP Global Services, visit: <http://www.hp.com/services>

HP CarePaq™ Packaged Services _____

Customers often have service needs that go beyond warranty, so HP has packaged our most requested services for HP products into easy-to-understand and easy-to-sell CarePaq Services...warranty enhancements that uplift or extend the hardware warranty to a level of service that keeps businesses up and running.

HP stands behind its products with a strong warranty. But warranty is meant to protect against product defects, not to safeguard your business. With HP CarePaq™ you can easily select the right services to guard against downtime that can sap productivity and impact revenues in your business.

CarePaq services are convenient service packages designed to give you just the level of service you need for each type of product.

CarePaq Services upgrade basic hardware warranty and provide business productivity solutions to protect your customers throughout the service life of their equipment. Extended and enhanced levels of coverage – Perfectly suited to the increasingly important role that portable computers and handheld devices play in today's business environments. Fast, responsive service – On-site service applies to wherever you may be – home, office, or on the road.

CarePaq Services for Hardware: Three-year replacement of defective parts, plus choice of three-year pick-up or carry-in service, enhance standard warranty to 2, 3, 4, or 5 years depending on the notebook model, upgrade to next-business-day on-site hardware repair available for selected portables, plus: Accidental Damage Protection services.

Customer benefits:

- Optimum level of coverage with a single point of contact for problem resolution
- HP accountability for hardware support
- Minimized hardware downtime in business-critical environments
- Clearly defined services with no configuration limits
- Simplifies total cost of ownership (TCO) analysis

CarePaq Services for Software: Telephone support for today's most popular business software applications. Telephone client support cards are available for the most popular software applications in time banks of up to 180 minutes for individuals and 10,000 minutes for IT departmental environments.

Customer benefits

- Minimized downtime with expert, responsive support
- Varied levels of service for targeted coverage
- Single-phone-number, single-source support for software from multiple vendors

Dependable service at predictable cost _____

Easy to buy, easy to use. You can purchase CarePaq services from any HP reseller or directly from HP at the time you purchase a product. The CarePaq kit that contains registration instructions, terms and conditions, a service description, a user's guide, and a unique certificate number to activate service - everything needed to get started right away.

By purchasing prepaid CarePaq services up front, you are protected against inevitable increases in service costs, and become better able to predict total cost of ownership. You can simplify the administration of warranty and contract services. From day one be assured of the availability needed and will have consistent service across all the equipment in their configuration.

The HP award-winning service organization provides peace of mind through fast, expert service. The experienced, certified technical engineers give them a single point of contact for multi-technology problem resolution. With 38,000+ trained IT specialist - plus a vast network of partners - HP delivers CarePaq services wherever the customer does business across the globe.

Find the packaged service you need at our CarePaq Web site,
<http://www.hp.com/services/carepaq/us/>

Intelligent Manageability

The Compaq Evo mobile workstation N800w Series is backed by HP's Intelligent Manageability service and solutions options that help simplify management and lower the total cost of ownership. Intelligent Manageability features of the Evo mobile workstation N800w Series include:

- **Asset management.** Detailed configuration information about the PC that allows the system administrator to inventory and track PCs and their components from one central location.
- **Security management.** Prevents unauthorized access to critical data and valuable PC components.
- **Fault management.** Monitors system performance and provides users and system administrators with pre-failure alerts.
- **Integration management.** HP is partnered with industry-leading PC management software providers to ensure robust solutions and compatibility.
- **Configuration management.** Provides the latest drivers, utilities, and software to optimize PC performance.
- **Diagnostics for Windows.** Allows for easy retrieval of component serial numbers, asset tags, hard drive, memory, and processor data.
- **Hardware alert.** Alerts users to memory configuration and system temperature changes as well as battery failures and monitor faults.

HP PC Lifecycle Solutions

The Compaq Evo mobile workstation N800w Series is also supported under HP's PC Lifecycle Solutions program, delivering a broad selection of tools, information, and services that help reduce the costs of managing the PC throughout the lifecycle. Along with PC Lifecycle Solutions, users also get the benefit of a single point of accountability, and a flexibility to choose the program and level of support most appropriate to their environment. PC Lifecycle Solutions cover the key areas of:

- **Planning.** Including TCO assessment, availability review, network design, product selection, roadmap review, acquisition financing, proof-of-concept evaluation, and PC certification testing
- **Deployment.** HP can assist your deployment with PC custom configuration, lease process integration, and hardware, software and intranet installation and startup.
- **Management.** HP can manage the day-to-day tasks such as custom help desk management, financial asset tracking, change control and notification, and hardware maintenance and application support.
- **Transition.** With lease-based reclamation and disposal, computer asset recovery, and lease-based technology refresh, we can help you take advantage of the latest PC technologies.

For more information on HP PC Lifecycle Solutions, visit the informational website at the following Internet location: www.hp.com/solutions/pcsolutions/

Access on Demand

HP Access on Demand provides complete solutions for procuring, managing, deploying and supporting desktop and mobile devices for large enterprises. For a monthly fee, organizations get the latest technology plus an array of lifecycle services, customized to their needs. Available in packaged and custom version, Access on Demand provides cost effective access to award winning technology and services. For more information, please visit:

<http://www.hp.com/cod/index.html>

Change Management

HP offers a comprehensive Change Management program that is designed to help users manage change throughout the life of the PC, by minimizing hardware and software changes over the product lifecycle, and consolidating system modifications into organized minimal transitions. HP offers a special website with proactive, advance notice of product changes that are communicated as soon as they are identified (as much as 60 days in advance) to ensure that customers are given adequate time to plan and execute the change. This program is available to major accounts, with registration available through a HP Account Manager.

The HP Advantage

Along with the Compaq Evo mobile workstation N800w, you get more than just a well-designed notebook PC solution. You also get all the advantages that come from doing business with HP.

HP Quality and Reliability

HP prides itself on a reputation for industry-standard best-of-breed products – and the Evo mobile workstation N800w Series is a testament to that reputation. Our quality and reliability reduces maintenance, repair and support costs throughout the PC lifecycle and result in a higher residual value for HP PCs than any other PC brand. Here's how HP builds quality into every Evo Mobile workstation N800w.

- **Customer feedback.** The Compaq Evo mobile workstation N800w Series is a direct result of extensive customer feedback, including focus groups, trade shows, customer visits, support calls, human factors studies and surveys of thousands of users.
- **Testing.** Over 20 separate teams within HP ensure reliability and long life by testing every model with hundreds of third-party devices in a variety of networked environments, simulating years of real-world stress. We systematically push *Evo* models past reasonable limits to make sure they will breeze through even the toughest workplace conditions.
- **Factory audits.** Before leaving the factory, each *Evo* unit passes a daunting examination, to ensure zero defects and guarantee that it runs flawlessly, right out of the box.

- **Engineering excellence.** *Evo* quality does not stop at the factory door. Our service and engineering teams continue to support each unit throughout its lifecycle. The award-winning HP call center quickly resolves most issues on the first call.

HP Compatibility/Industry Standards

Due to our long-standing industry partnerships with Intel, Microsoft, and many other industry leaders, the Compaq Evo mobile workstation N800w Series is guaranteed for maximum compatibility in any enterprise application. HP products are extensively tested for compatibility in environments simulating real-world conditions with hundreds of leading hardware components and software products, including all the major operating systems and networking environments. The Compaq Evo mobile workstation N800w Series is Microsoft-certified to run the Microsoft Windows operating system flawlessly, including versions 98, NT, and 2000.

HP products are built around industry-standards. HP serves as a major driver or participant in most of the industry's leading standards-setting organizations. This ensures HP products and technologies will continue to provide solutions that maximize interoperability and upgradeability throughout every major technological revolution.

Microsoft Certification

Compaq Evo mobile workstation N800w is PC2001 compliant and ACPI hardware ready, thereby providing optimization for current and future applications and operating systems. PC2001 - A guide for PCs designed in 2001 and 2002, is co-authored by Intel and Microsoft with aid from other industry vendors and covers the PC system, bus, and devices. ACPI is designed to provide a comprehensive, system-wide approach to system and device power control.

Environmental Design

The Compaq Evo mobile workstation N800w Series is a shining example of HP's "Design for Environment," policy that integrates sound environmental practices into every aspect of product design. Every component of the Compaq Evo mobile workstation N800w Series was designed with the following in mind:

- **Recycleability.** HP uses commonly recycled materials that are easily identified, making it easier to find a market for discarded components.
- **Packaging.** Compaq Evo mobile workstation N800w Series packaging consists of recyclable materials, no heavy metal inks, and minimal packaging material.
- **Disassembly.** The Compaq Evo mobile workstation N800w Series is easily disassembled at the end of its product life to aid in recovery of recyclable components.
- **CFC-Free.** Both HP and its suppliers use only CFC-Free processes to protect the ozone layer from further damage.
- **International standards.** The Compaq Evo mobile workstation N800w Series meets worldwide environmental regulatory standards.

Conclusion

The Compaq Evo mobile workstation N800w provides true workstation performance in a mobile design.

- Latest Workstation Graphics
- ISV Certifications – Wide range of industry segments to
- Freedom of Mobility – thin and light design, integrated MultiPort and MultiBay to expand functionality, and dual battery support.
- Exceptional Solutions and Support.

Furthermore, HP workstations, Compaq Evo mobile workstations, and notebooks offer solutions that simplify the management of PCs in a multi-user environment, warranty and service backing of a major brand, the HP reputation for quality, reliability and compatibility. For more product details and availability, check with your HP Account Manager or an Authorized HP reseller.

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Appendix

New Common Docking and Options

The HP Port Replicator Solutions offer advanced compatibility and flexibility through a complete new line of products. These new solutions provide notebook users with the latest in notebook docking technologies while incorporating simplicity, security, and ease of use all in a slim form factor. The new line of Port Replicator Solutions provides maximum port replication functionality at very competitive prices.

- > Port Replicator
- > Advanced Port Replicator

Display Solutions

A complete, award-winning line of flat panel and CRT monitors

Common MultiBay Devices

- > MultiBay DVD/CD-RW Combo Drive
- > MultiBay CD-RW Drive
- > MultiBay DVD-ROM
- > MultiBay CD-ROM
- > MultiBay Hard Drive
- > MultiBay Battery
- > For complete detail visit http://www.hp.com/products/portables/common_options.html

Common MultiPort Modules

- > HP Wireless LAN MultiPort W200
- > Bluetooth MultiPort by HP

Security

Innovative solutions for security with SmartCard Reader and Biometrics Fingerprint Reader.

- > Security Cable Lock
- > PC Card SMART Card Reader
- > Biometrics PC Card

Common Power Options

Increase flexibility and mobility with common power options

- > AC Adapter
 - > Auto Charger
-

- > Aircraft Adapter
- > External Battery Charger
- > Common Power Cord

Other Common Accessories

- > Memory
- > Mini PCI Communication Accessories
- > Removable Storage
 - 1GB IBM Microdrive
 - USB Disk-on-Key
- > Carrying Cases
- > Video Projector
- > PC Cards
- > Input Devices

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