Compaq Deskpro EN Series
Product Overview

New Compaq
Deskpro EN Series of Personal Computers

Featuring:

New Intel® Celeron™ processors at speeds up to 333MHz

New Intel® Pentium II® Processors at 450MHz

440BX AGPset

**Premier Serviceability, Award-Winning Intelligent Manageability,
Desktop, Minitower, and Small Form Factor**

August 1998

Note to Reviewers: This overview applies only to Compaq Deskpro EN Series of PersonalComputers.
Other Compaq models are discussed in separate product overviews.

Find The Information You Need Fast _____

For More Information, Contact _____

For more information about the Compaq Deskpro EN Series of Personal Computers or any other Compaq product, contact your Compaq Authorized Reseller or visit our World Wide Web Site at www.compaq.com.

Executive Summary _____

Announcement Summary _____

Compaq introduces new models of the Deskpro EN Series of Personal Computers in conjunction with the Intel announcement of the new Intel Celeron™ processors 300A and 333 MHz and Pentium® II processors 450 MHz.

Product Positioning _____

The Deskpro EN Series of Personal Computers delivers an outstanding combination of manageability, serviceability, and consistency for enterprise environments. The Deskpro EN Series Small Form Factor products also deliver a full-featured PC in a small, highly integrated design.

Target Audience _____

The Deskpro EN Series of Personal Computers is designed for enterprise customers who value leading manageability and premier serviceability in a stable platform that remains consistent over time. These customers standardize on a particular platform to control support costs and to maximize long-term investments. Compaq's commitment to this stable and consistent platform, along with the improved performance, advanced serviceability, and comprehensive manageability, ensures that enterprise users experience the lowest total cost of ownership throughout the PC lifecycle.

What's New _____

❑ **New Intel processors**
- ▪ Intel Celeron processor (66 MHz) 300A MHz with 128 KB L-2 cache
- ▪ Intel Celeron processor (66MHz) 333 MHz with 128 KB L-2 cache
- ▪ Intel Pentium II Processor (100MHz) 450 MHz with 512 KB ECC L-2 cache

❑ **Additional Ultra ATA hard drive choices including 10.0 GB**

❑ **32X Max tray load CD-ROM (on select models)**

What's Special About This Product _____

The Deskpro EN Series of Personal Computers sets a new benchmark for performance, adaptability, and cost control in large enterprise computing environments by offering new Intel Celeron processors and new Intel Pentium II processors with clock speeds up to 450MHz. Increasingly powerful hard drives and networking capability make these products the new standard for business computing.

The modular design redefines serviceability. Components that are commonly replaced are easily accessible once the hood is removed. No tools are necessary to remove the hood, the hard drives, or even the systemboard. Coupled with the use of industry standard components, service calls, parts replacement, and the training required to perform service and upgrades are minimized and simplified.

These and all new Deskpro personal computers include a full set of Intelligent Manageability solutions that deliver easy, centralized control and management throughout the PC lifecycle. Intelligent Manageability is based on industry standard building blocks including DMI 2.0 support, SNMP, Intel's "Wired for Management" standards, and Net PC Technologies. It is also built upon tight integration with Compaq Management Solutions Partners and Compaq Insight Manager.

Powerful performance further enhances the value of the Deskpro EN Series of Personal Computers and suitability for enterprise environments. Combining Intel's new processors, AGP graphics, and high capacity, high performance hard drives make the Deskpro EN Series a powerful business computer. The

technologies that have been integrated into this personal computer have staying power and will provide a stable and consistent platform throughout the product life.

New Deskpro EN Series of Personal Computers feature:

- **Premier serviceability** provided through tool-free disassembly features
- **Comprehensive Intelligent Manageability features** include DMI 2.0 support, Remote Wakeup / Remote Shutdown, Remote Boot, Smart Cover Lock, Smart Cover Sensor (Desktop and Minitower models only), ECC Memory with Fault Prediction and Prefailure Warranty (standard on select models), Remote ROM Flash, Remote Security Management, and Memory Change Alert
- **Compaq Compaq 10/100 TX PCI Intel WOL Controller**[1] on select models or **Embedded Compaq 10/100 TX PCI Intel WOL Controller** on Small Form Factor models
- **Compaq Restore CD** shipped with all units
- **Diagnostic LEDs** for quick troubleshooting
- **Wide range of Intel processors:**
    - Intel Celeron processors (66MHz) 300A and 333 MHz 128KB cache
    - Intel Pentium II processors (100MHz) 350, 400, and 450 MHz with 512KB ECC cache
- **Intel 440BX AGPset**
- **512KB Level 2 Synchronous Pipeline Burst DRAM cache on Intel Pentium II models**; 128KB non-ECC Level 2 Synchronous Pipeline Burst DRAM cache on Celeron 300A MHz and Celeron 333MHz processor models
- **ATI RAGE PRO TURBO AGP graphics** controller with choice of 1X or 2X
- Choice of high capacity, high performance **SMART Ultra ATA hard drive** (3.2GB, 6.4GB, or 10.0GB) or **Wide UltraSCSI** hard drives (4.3GB or 9.1GB)
- **32MB or 64MB Synchronous DRAM (SDRAM) standard on all models**. ECC memory standard on SCSI models and supported on all.
- **32X Max tray load CD-ROM** on select models
- **Embedded 16-bit full-duplex audio** featuring **Compaq** *PREMIER SOUND*™
- **Compaq Enhanced Keyboard** with three Windows function keys for increased productivity with Windows 95 and Windows NT
- **Windows 95 or Windows NT 4.0 preinstalled**; Windows 98 compatible

Key Facts/Features/Benefits _____

Stable and Consistent Platform _____

The Deskpro EN Series platform is designed to provide stability and consistency throughout its entire product lifecycle. Proposed changes to system components, ROM, or software are closely evaluated to ensure that such change is not only necessary but also implemented in a way that minimally impacts a customer's computing environment. Therefore, a specific Deskpro EN Series personal computer configuration will demonstrate consistent performance and behavior throughout its entire individual lifecycle. Additionally, different configurations within the Deskpro EN Series line will share similar components such as underlying system board chip sets, video, and networking solutions, thus greatly minimizing the likelihood of inconsistency. However, different microprocessors, revisions to the chipsets, or functional ROM updates have the potential to affect software image consistency across platforms.

---

[1] Also known as the Compaq NC3121 PCI 10/100 WOL (Wake-on-LAN) Fast Ethernet NIC

High-Performance Intel Processors _____

The new models of the Compaq Deskpro EN Series of Personal Computers utilize Intel Celeron processors (66MHz) 300A and 333 MHz with 128 KB L-2 cache or Intel Pentium II processors (100MHz) 450 MHz with 512KB ECC L-2 cache. All Deskpro EN Series models are equipped with the Intel state-of-the-art 440BX AGP set, which supports either the 66MHz or 100MHz FSB, AGP, ACPI, SDRAM, ECC, and Ultra ATA.

Pentium II processors with Error Checking and Correcting (EEC) memory are available on select Compaq Deskpro systems. These processors are covered under the Pentium II Fault Prediction and Prefailure Warranty. If the processor encounters an excessive number of cache memory errors, the system displays a Local Alert Message. This message contains detailed information about the faulty processor, allowing action to be taken before non-correctable cache memory errors occur. The Prefailure Warranty allows replacement of the faulty processor, free of charge, before failure occurs.

Memory_____

New Deskpro EN Series models come standard with 32MB or 64MB of Synchronous DRAM (SDRAM), expandable to 256MB on Small Form Factor models and 384MB on Desktop or Minitower models. SCS-drive based models feature 32MB or 64MB of ECC SDRAM with Fault Prediction and Prefailure Warranty.

SMART Hard Drives _____

To satisfy the growing storage requirements of users today, the Deskpro EN Series features high performance, high capacity Ultra ATA or Wide UltraSCSI hard drives. The drives incorporate Self Monitoring Analysis and Reporting Technology (SMART) which monitors and warns of impending problems on the drive before they occur. With advanced warning, it is possible to backup the drive to the network or to tape before a failure occurs and data is lost. The hard drives are rated at a minimum of 10ms seek time / 5400 RPM platter speeds with 8ms seek time / 7200 RPM drives available, delivering unbeatable performance in data storage and retrieval. Should an impending failure condition arise, the SMART drives are covered under a Prefailure Warranty, which means that Compaq will replace the hard drive free of charge.

The Ultra ATA hard drives also include Ultra ATA Integrity Monitoring. An Intelligent Manageability Agent monitors the integrity of data transferred between the Ultra ATA hard drive and the system core logic. If the agent detects excessive transmission errors, both the user and system administrator receive an alert message including recommendations for resolving the problem and improving system performance.

AGP Graphics _____

All Deskpro EN Series models ship with an ATI RAGE PRO TURBO AGP 1X or 2X graphics solution that provides advanced 2D, 3D, teleconferencing and multimedia performance. The Desktop and Minitower models feature card solutions while the Small Form Factor models have embedded graphics.

Graphics solution provides:

- 1600 x 1200 / 65K colors @ 85Hz with 4MB SGRAM (1X AGP)

- 1600 x 1200 / 65K colors @ 85Hz with 4MB SGRAM (2X AGP)

- 1600 x 1200 / 65K colors @ 85Hz with 8MB SGRAM (2X AGP)

- 3D acceleration

- MPEG1 and MPEG2 support

Multimedia Capabilities _____

Select Deskpro EN Series models ship with 32X Max tray load CD-ROMs and 16-bit full duplex audio card with Compaq Premier Sound™.

Audio with *PREMIER·SOUND*™ _____

The Deskpro EN Series *PREMIER·SOUND* audio system is an integrated design solution that incorporates new innovations. The design provides low cost, best in class, high quality audio for the business user/buyer, without requiring external speakers or depending on monitor based solutions.

Premier Serviceability _____

The Deskpro EN Series includes three form factors. The Desktop and Minitower form factors are built on the CLX chassis, which is based on the industry-standard NLX chassis. The Small Form Factor leverages the success of the Deskpro 4000S. All products in this series offer premium manageability and outstanding serviceability with tool-free access all the way down to the systemboard.

The Deskpro EN Series is designed to meet the needs of the corporate customer who requires consistency in form factor, components, and overall technology for long-term use and investment protection. The Small Form Factor models are designed to meet the needs of enterprise customers in small office-space environments.

The modular design of all Deskpro EN Series units facilitates upgrades and serviceability. The chassis accepts industry-standard components without the need for special screws and drive rails. Additionally, the Smart Cover Lock, a software controlled locking mechanism available on all Deskpro EN Series models, permits remote lockdown of the unit hood to prevent tampering and consequently reduces service calls.

Deskpro EN Series Desktop and Minitower Serviceability

The CLX Desktop design sets the standard for tool-free accessibility. These Compaq exclusive features make serviceability easier than ever:

- Tool-free hood removal
    - Desktop models feature quick release cover latches
    - Minitower models are accessed by loosening thumbscrews on the side panel
- Tilt drive cage with drive release latches (Desktop only)
- Expansion card cage with lift levers
- Slide out systemboard
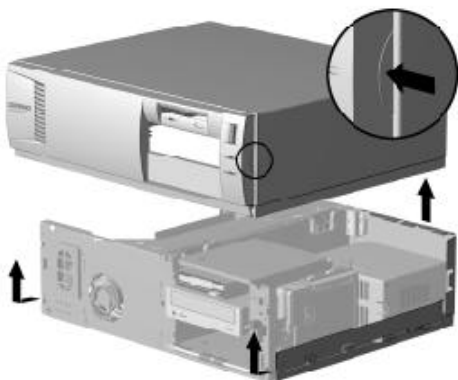
QUICK RELEASE COVER LATCHES (Desktop models)
Quick release cover latches, located on the sides of the computer, free the hood from the chassis. By pushing in the latches and sliding the cover forward and up, the one-piece hood and bezel lifts up and away from the unit smoothly and easily.

COMPAQ

To service or upgrade the Minitower models, entry is gained to the unit by loosening the green thumbscrews on the side panel and sliding the panel toward the back until it can be lifted and removed.
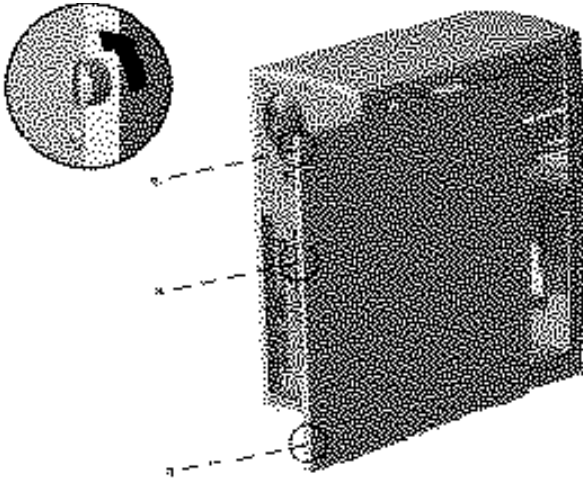
Once the cover on either unit is removed, a serviceability label is prominently displayed on top of the drive cage to guide the user. Additionally, the user can locate the serviceability latches and tabs easily by their green color. All latches or levers that the user may need to access a component are green.

TOOL-FREE ACCESS

The Desktop and Minitower models of the Deskpro EN Series provide easy accessibility to components that are typically replaced, including memory and all expansion boards. Placement on the systemboard and designs engineered for easy accessibility mean that most components can be added or removed once the hood is removed without the need to remove other components.

TILT DRIVE CAGE (Desktop models only)
The tilt drive cage allows access to all drive bays for easy installation or removal of drives without the need for drive rails or brackets. The top of the tilt drive cage can be grasped and rotated to its upright position.

With the drive cage tilted away from the chassis, the drive power and signal cables can be disconnected.
(Note: Users should use caution to place their hand in a position to catch the drive. Once the latch is released and the cables disconnected, the drive slides out quickly.)

The Minitower drives can be easily removed, as well. The front bezel is quickly and easily removed by pushing in the two bottom tabs on the underside of the bezel. Once this is removed, the drives slide out by pressing the green drive release tabs. There is ample room behind the drives to connect / disconnect the cables.

EXPANSION CARD CAGE WITH LIFT LEVERS (Desktop and Minitower models)
The expansion card cage is featured on both the Desktop and Minitower units. It allows quick removal of expansion boards. In most cases, it is not necessary to completely remove the expansion card cage from the chassis. To free the card cage assembly and lift it from its connection to the systemboard, lift the two green-colored levers to their locked upright position. The card cage may be suspended in place above the systemboard for easy serviceability. It does not need to be removed completely unless it is being replaced. When reassembling, depress the lift levers to assure exact fit of the card cage to the systemboard.

Expansion card cage
with lift levers

Slide out systemboard

Desktop

Minitower (side view)
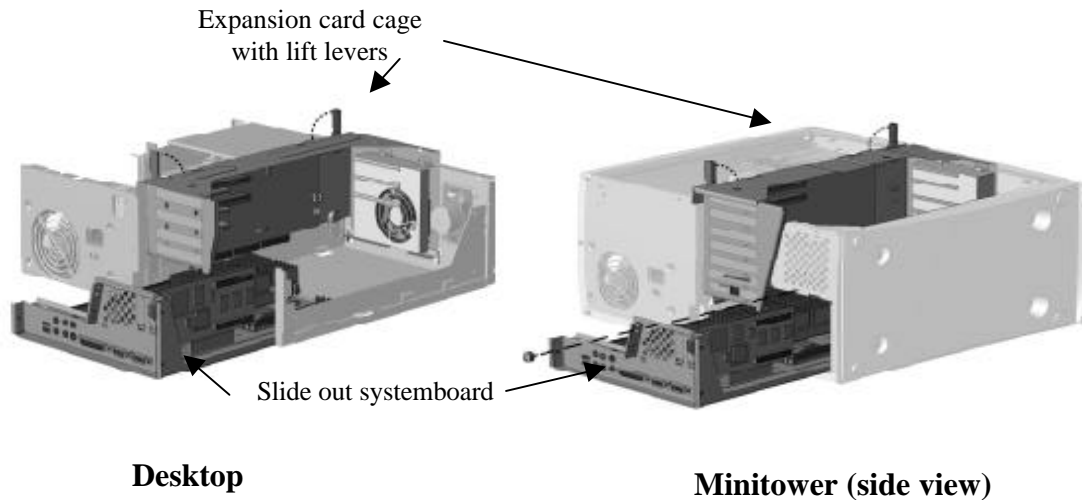
SLIDE OUT SYSTEMBOARD (Desktop and Minitower models)
After release of the expansion card cage, the systemboard slides out. There are no cables to be disconnected, since all cables are conveniently attached to the riser making access effortless and quick.

CONCLUSION

Enterprise customers who choose the new Deskpro EN Series Desktop or Minitower receive innovative serviceability features in a stable Desktop or Minitower configuration. In fact, many of the chassis features have been awarded US patents for their clever design. The high level of serviceability, quality, reliability, and value that made Compaq and the Deskpro line successful, will make the Deskpro EN Series the preferred choice for business computing.

CUSTOMER BENEFITS: DESKPRO EN SERIES DESKTOP AND MINITOWER SERVICEABILITY

- Fast, tool-free access reduces service time and simplifies servicing.

- Industry-standard chassis reduces service personnel training time.

- Easy access to expansion card cage and memory modules allows easy upgrades.

- A two-step removal of the systemboard facilitates the service / replacement of systemboard components.

- Tilt drive cage with slide out drives or quick release drives with release tabs permits quick service / replacement.

- Consistent technology and platform protect long term investment.

Deskpro EN Series Small Form Factor Serviceability

The Deskpro EN Series Small Form Factor is the right choice for enterprise customers who require a full-featured PC in a small, highly integrated design that offers leading manageability, serviceability, and consistency.

Compaq engineers have designed ingenious tool-free accessibility that enhances serviceability in this Small Form Factor chassis. The Small Form Factor may be placed on a desk or mounted underneath the desk via an optional mounting bracket. The strong case, which is 35 to 50% smaller than conventional desktop PCs, can support monitors up to 21 inches and 100 pounds.

TOOL-FREE ACCESS

Leading-edge serviceability features give it a truly compelling value. The chassis disassembles completely into modules without the use of a single tool.
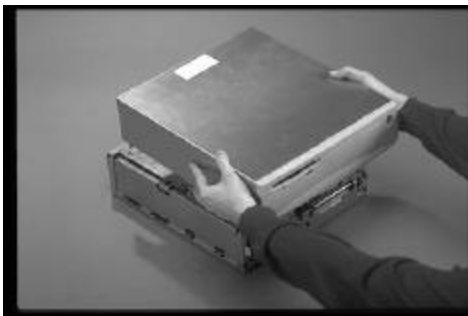

QUICK RELEASE COVER LATCHES
Pressing the two quick release cover latches located on either side of the front bezel and sliding the hood forward and up, allows the cover to be removed easily. A color-coded graphic instruction set found inside guides further disassembly procedure.
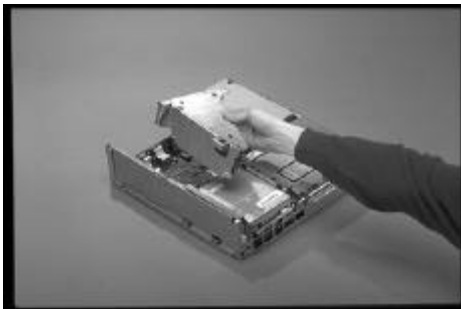
REMOVABLE EXPANSION CARD CAGE
The expansion card cage has no screws and can be lifted directly from the unit. This allows easy service to the cards in the cage and clear access to components beneath the card cage.
(Note: There is no floppy drive or CD-ROM drives on the Net PC models.)
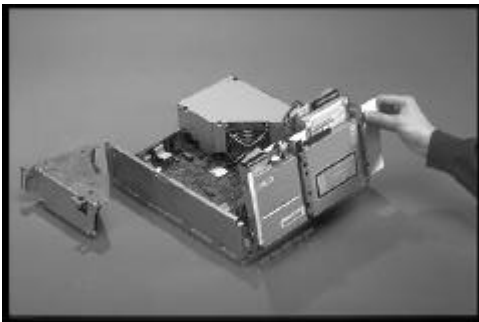
TILT DRIVE CAGE / EASY ACCESS DRIVE BAY
The drive bay release tilts up and away from the chassis to provide quick, easy access for servicing components beneath the bay, including the memory modules and processor.

COMPAQ
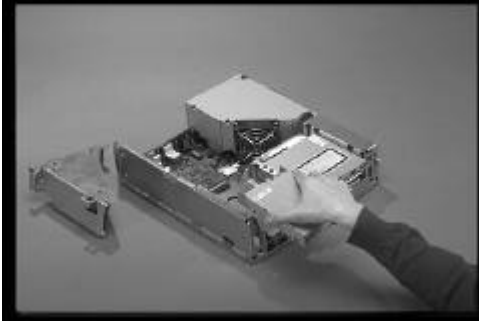
DRIVE RELEASE LATCH AND TOOL-FREE DRIVE REMOVAL

By pressing the drive release latches located on the side of each drive, the hard drive, floppy drive, and CD-ROM drive can be released without removing any screws.

EASY ACCESS POWER SUPPLY

The power supply tilts away from the chassis to provide quick, full access to the systemboard.
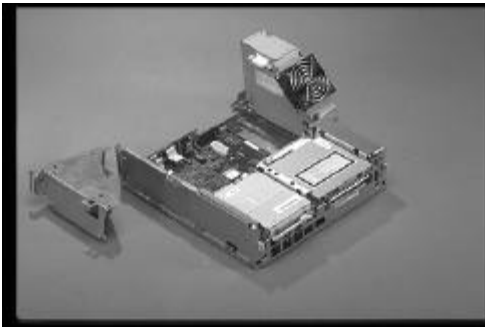

SLIDE OUT SYSTEMBOARD

The systemboard slides on internal rails and can be removed easily and completely from the enclosure.

Modular disassembly of unit.

CONCLUSION

With tool-free access, the Small Form Factor models offer true innovation and value for customers seeking leading serviceability, manageability, and consistency in a full-featured PC built on a small, highly integrated design.

CUSTOMER BENEFITS: DESKPRO EN SERIES SMALL FORM FACTOR SERVICEABILITY

- Fast, tool-free access reduces service time and simplifies servicing.
- Quick access to the systemboard facilitates the service and replacement of systemboard components.
- Tilt drive cage and slide out drives permit quick service and replacement.

Configuration _____

The Deskpro EN Series of Personal Computers is designed to fit easily into any office environment. Desktop or Minitower configurations can be used on or off the desktop and the Small Form Factor (SFF) models may be placed on top of the desk or mounted underneath the desk surface using an optional mounting bracket. The Small Form Factor models are 35 to 50% smaller than conventional desktop PCs, which makes them ideal for enterprise environments with minimal office-space, but where users are not willing to sacrifice power and functionality for size. All Deskpro EN Series models are designed for stability and consistency and provide premium serviceability and superior manageability.

Diagnostic LEDs _____

Compaq Deskpro EN Series of Personal Computers incorporate a number of Diagnostic LEDs to assist users and service personnel in safe, efficient repair and diagnosis. The power-on, hard drive and keyboard LEDs function as diagnostic lights.

LEDs on the front of the units indicate main power and hard drive activity. LEDs on the systemboard alert service personnel if the power cable is connected or capacitor charges are still supplying power to the unit. LEDs on the keyboard, located at the Num Lock, Caps Lock and Scroll Lock keys, assist in preliminary diagnostics. In various combinations, they indicate the following events or states:

- Keyboard LEDs light up to indicate that memory and/or expansion cards are not properly seated.

- Drive LEDs light up to indicate that a drive is currently in use.

- Systemboard Auxiliary Power LEDs stay on to remind those servicing the unit to unplug the power cord before servicing.

- Systemboard Capacitor LEDs light up to warn those servicing the unit to wait until all power has discharged from systemboard capacitors.

Intelligent Manageability _____

Intelligent Manageability is Compaq's award-winning desktop management solution that helps control the cost of computing by making PC clients more manageable from a single point on the network. The Compaq Deskpro family of PCs support DMI 2.0 and can be integrated with a broad range of leading LAN and enterprise management applications. To create this solution, Compaq enhanced the PC hardware with manageability features partnered with a wide range of management application providers and developed new methods for delivering support software.

All new Deskpro EN Series models include a comprehensive set of Intelligent Manageability tools as standard features:

- Remote System Installation (with appropriate NIC)

- Replicated Setup

- Remote ROM Flash

- Remote Wakeup / Remote Shutdown

- Support Software CD and WWW Site

- AssetControl

- DMI 2.0 Support

- Remote Security Management

- Smart Cover Lock

- Smart Cover Sensor (Desktop and Minitower models only)

- Compaq Info Messenger

- Smart Hard Drives, Prefailure Warranty, and Proactive Backup

- ECC Memory and Prefailure Warranty (standard on select models, supported on all)

- Pentium II ECC cache memory Fault Prediction and Prefailure Warranty (on select models)

- Memory Change Alert

- Ownership Tag

- Thermal Sensor

- Surge Tolerant Power Supply

Compaq Restore CD_____

A Compaq Restore CD is shipped with all Compaq Deskpro units. Along with the Microsoft operating system CD which is also shipped with every unit, the Compaq Restore CD enables full restore of the original Deskpro system software in the event of a hard drive failure or if the customer wants to restore the PC to "factory condition."

Microsoft Operating System Compatibility _____

The Deskpro EN Series of Personal Computers is designed to comply with the PC 97 and PC 98 Hardware Design Guide and is logo certified with Microsoft Windows and Windows NT operating systems. The Deskpro EN Series has been verified against the Microsoft test suite and is certified in the "Designed for Microsoft Windows" logo program for Windows 95 and Windows NT 4.0. The Deskpro EN Series models are Windows 98 logo certified by Microsoft.

The Compaq Advantage_____

Because these new products are designed, built, and tested by Compaq, customers can be assured of the highest quality and reliability. And since they are manufactured using only industry-standard software and hardware components, customers can easily perform service and upgrades. Compaq is the right choice for commercial PCs.

Uncompromising Quality, Reliability, and Compatibility_____

- ❏ *Worldwide Leader in PCs.* Compaq Computer Corporation is the second largest computer company in the world and the largest global supplier of desktop PCs.

- ❏ *Legendary Quality. Legendary Quality.* Compaq quality and reliability reduce maintenance, repair, and support costs throughout the PC lifecycle and result in a residual value that is up to 67% higher for Compaq PCs than most other PC brands combined.

- ❏ *Rigorous Testing*. Compaq PCs are extensively tested for compatibility in environments simulating real-world conditions with hundreds of leading hardware components and software products.

- ❏ *Open Industry Standards.* Compaq drives and supports industry standards. Through partnerships with Intel, Microsoft, and many other industry-leading companies, Compaq helps establish industry standards and ensures that Compaq products and technologies provide solutions that maximize interoperability and upgradeability.

- ❏ *Lower Total Cost of Ownership*. Compaq products and technologies are designed to help companies improve PC management practices in order to significantly lower ownership costs.

COMPAQ

❑ *Increased Customer Satisfaction.* Compaq strives to be #1 in customer satisfaction by providing industry-leading, standards-based commercial computing products and solutions that offer outstanding customer value and ease of ownership. Compaq's goal is to give customers what they want, when and how they want it, at the lowest cost.

❑ *Unmatched Service and Support.* Compaq and its channel partners provide more than 100,000 sales and authorized service professionals world-wide, giving users unparalleled breadth of service and support at the local level. Efficient service minimizes productivity loss due to downtime.

Service and Support

New Deskpro EN Series PCs are protected under the generous Compaq support umbrella known as Compaq Services. This service and support package includes:

❑ *On-Site Warranty.* This 3-year limited warranty covers all parts for three years and provides free on-site service (parts and labor) for the first year. The customer may extend or upgrade the warranty to provide labor and/or on-site service for the second and third years.

❑ *Prefailure Warranty.* The Deskpro SMART hard drives, ECC memory modules, and Pentium II ECC cache memory are covered for three years under this warranty. If a customer receives a warning of an impending failure, Compaq will replace the hard drive or memory free of charge.

❑ *Support Software CD and World Wide Web Site.* The Compaq Support Software CD and WWW Site (www.compaq.com) provide customized software that is preinstalled on the Deskpro. These tools provide easy installation of device drivers and other software that enhance the performance and manageability of the Deskpro.

❑ *InfoMessenger.* Through its World Wide Web Site, Compaq delivers proactive updates and information about all Compaq products. InfoMessenger allows each customer to create a customized user profile. Then, anytime Compaq makes a change or update that is of interest to the user (new ROM images, drivers, solutions, etc.), InfoMessenger sends an E-mail notification to that customer. The Compaq World Wide Web Site is located at www.compaq.com.

Design for Environment

Compaq practices "Design for Environment" which is the integration of sound environmental practices into product designs. Design for Environment currently focuses on:

❑ *Energy Conservation. .* The Compaq Energy Star-certified products, including the Deskpro EN Series, reduce power consumption during non-active periods.

❑ *Disassembly.* Compaq products are easily disassembled at the end of product life to aid in recycling.

❑ *Recyclability.* Compaq uses commonly recycled materials that are easily identified.

❑ *Packaging.* Product packaging consists of recyclable materials, no heavy metal inks, and minimal packaging material.

❑ *CFC-Free.* Both Compaq and its suppliers use only CFC-Free processes.

❑ *International Standards.* Compaq products and processes meet worldwide environmental regulatory standards.

Specifications/Standard Features_____

Note that this table applies only to new the Compaq Deskpro EN Series of Personal Computers. Other Compaq models are discussed in separate product overviews

	Compaq Deskpro EN Series of Personal Computers			
	Desktop or Minitower		Small Form Factor	
Processor	Intel Celeron processors (66 MHz) 300, 300A, or 333 MHz Intel Pentium II processors (66 MHz) 300 or 333 MHz and Intel Pentium II processors (100 MHz) 350, 400, or 450 MHz		Intel Celeron processors (66 MHz) 300A or 333 MHz Intel Pentium II processors (66 MHz) 300 or 333 MHz and Intel Pentium II processors (100 MHz) 350, 400, or 450 MHz	
Cache	128KB Level 2 Synchronous Pipeline Burst SRAM on Intel Celeron processors (66 MHz) 300Aand 333 MHz models 512KB ECC Level 2 Synchronous Pipeline Burst SRAM on Intel Pentium II models			
Architecture	PCI / ISA / AGP			
Memory (SDRAM)	32MB or 64MB, upgradeable to 384MB (ECC memory on SCSI models)		32MB or 64MB, upgradeable to 256MB	
NIC	Compaq 10/100 TX PCI Intel WOL Controller (models also available without a NIC)		Embedded Compaq 10/100 TX PCI Intel WOL Controller	
Diskette Drives (Std.)	1.44MB		SFF Models 1.44MB	Net PC Models None
Hard Drives (Std.)	SMART Ultra ATA 3.2GB, 6.4GB, or 10.0GB SMART Wide UltraSCSI 4.3GB or 9.1GB		SMART Ultra ATA 3.2GB, or 6.4GB	
USB Ports	2 USB Ports (double stacked)			
CD-ROM	32X Max tray load CD-ROM		SFF Models 24X Max Slimline CD-ROM (optional)	Net PC Models None
Graphics / Memory	ATI RAGE PRO TURBO AGP 1X or 2X (card) with 4MB SGRAM (2X AGP models upgradeable to 8MB)		Embedded ATI RAGE PRO TURBO AGP 2X with 4MB SGRAM (upgradeable to 8MB)	
Max Resolution/Colors	1600 x 1200 / 65K colors @ 85Hz with 4MB SGRAM (1X AGP) 1600 x 1200 / 65K colors @ 85Hz with 4MB SGRAM (2X AGP) 1280 x 1024x16.7M colors @ 85Hz with 8MB SGRAM (2X AGP)			
Audio	Embedded 16-bit full duplex audio featuring Compaq PREMIER SOUND™			
Keyboard	Compaq Enhanced Keyboard			
Expansion Slots (Total/(Free))	Desktop Models 2/(1*) PCI 2/(2) PCI / ISA Combo 1/(0*) AGP *1 PCI slot occupied by NIC * SCSI models will occupy 1 PCI slot (DT or MT) *1 AGP slot occupied by AGP graphics card	Minitower Models 5/(4*) PCI 2/(2) ISA 1/(0*) AGP	SFF Models 1/(1) PCI 1/(1) PCI /ISA Combo	Net PC Models 2/(2) PCI
Expansion Bays	Desktop Models 4 (1 int. and 3 ext.) (one occupied by hard drive, one occupied by floppy drive, and one occupied by CD-ROM on select models)	Minitower Models 5 (1 int. and 4 ext.)	SFF Models 3 (1 int. and 2 ext.)	Net PC Models 1 (int.) (occupied by hard drive)
Manageability	Comprehensive standards-based Intelligent Manageability Agent			
Security Features	Smart Cover Lock, Smart Cover Sensor (DT/MT only), Memory Change Alert, Configuration Control Hardware, Setup Password, Power-On Password, QuickBlank/QuickLock, Removable Media Write/Boot Control, Serial, Parallel, USB Port Control			
Software	Windows 95 or Windows NT 4.0 (model dependent), Computer Setup Utility, Insight Personal Edition, Diagnostics for Windows, Microsoft Internet Explorer, Safety & Comfort Guide, Intelligent Manageability Agent Windows 98 Compatible			

COMPAQ

Notice_____

The information in this publication is subject to change without notice.

COMPAQ COMPUTER CORPORATION SHALL NOT BE LIABLE FOR TECHNICAL OR EDITORIAL ERRORS OR OMMISSIONS CONTAINED HEREIN, NOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE FURNISHING, PERFORMANCE, OR USE OF THIS MATERIAL.

Compaq does not warrant products other than its own strictly as stated in Compaq product warranties.

Compaq and Deskpro are trademarks registered in the United States Patent and Trademark Office.

Intel, Pentium, and Celeron are trademarks and/or registered trademarks of Intel Corporation.

Microsoft, Windows and Windows NT are trademarks and/or registered trademarks of Microsoft Corporation.

Other product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.