Before contacting HP Total Care, it's important to have the following information handy.

Please take a moment to write down your product information for future reference.

Product Name: ______________________________________________________

Model Number: _____________________________________________________

System or Product Number: ___________________________________________

Serial Number: _____________________________________________________

Purchase Date: _____________________________________________________
Don’t Forget to Register!

Click 🔄 “Register with HP” on your desktop or go to:
www.register.hp.com

NOTE: You can view your product number, model number, and serial number by pressing the Ctrl, Alt, and S keys on the keyboard at the same time.

Where to Get Help

HP offers a wide variety of service and support options, which are available around the clock for HP customers with products that are either in or out of warranty.

Options to use when you need help:

1 Check the Start Here Booklet and product documentation for help with setting up and using your product.
2 Use the support tools right on your product. Help and Support Center for help with hardware and software questions. Using the trackball, click Start on the Windows desktop, and then click Help and Support.
3 HP Customer Care Web support. For product information, driver updates, troubleshooting, support alerts, and important security information, go to: www.hp.com/support
4 If you have not solved the problem, call HP Total Care by phone 24 hours a day, seven days a week in English, Spanish (U.S. only) and French (Canada only) at 1-(800)-474-6836 (1-800 HP invent) (U.S. & Canada)
Or 1-(905)-206-4663 (local to Mississauga)

When you call, please have your product model number, serial number, and date of purchase available. Telephone support is free during your limited warranty period.

Registration is quick, easy, and offers:

- E-mail updates containing notifications about product enhancements, the most recent support alerts, and driver updates specific to the product(s) you own.
- The HP newsgram, our monthly online magazine packed full of product news, support tips, project ideas, and much more. Visit us at: www.subscription.support.hp.com

Software Support

America Online
http://www.aol.com

Apple iTunes — http://www.apple.com

AT&T WorldNet
1-800-400-1447 — http://www.att.net

CompuServe 2000
1-800-944-9871 — http://www.compuserve.com

EarthLink
Dial-up customer service: 1-800-890-6356
Dial-up technical support: 1-800-890-5128
DSL customer service and technical support:
1-888-829-8466
http://www.earthlink.net

InterVideo
510-651-0888 — http://www.intervideo.com/home

Microsoft Network
1-800-386-5550 — http://www.support.msn.com

Symantec — Norton AV & Personal Firewall
http://symantec.com

Prodigy Internet Services
1-800-213-0992 — http://www.prodigy.com

Quicken Basic (Intuit)
1-900-555-4688 — http://www.intuit.com

Veritas (only CD-RW and DVD+RW/+R models)
http://www.veritas.com

Yahoo! — User Support
http://www.yahoo.com
Recovering From Software Problems

The HP Digital Entertainment Center (HP DEC) uses the operating system and installed software programs during normal operation. If your HP DEC works improperly or stops because of the software, you may be able to repair it.

For some software repairs, use the HP Application Recovery program or the HP PC System Recovery program. These programs use the recovery DVD disc included in the accessory box.

There are several methods to fix your HP DEC. Try these methods in the order listed here, or refer to the table that follows the list:

- **Restart** When you restart the HP DEC, the computer starts over using the operating system and software in its memory. This is the simplest repair for your computer; just click Start, choose Turn Off Computer, and then click Restart.
- **Turn Off Computer** When you turn off the HP DEC and then turn it on again, you force the computer to copy the operating system into its memory and to clear some tracking information. This may eliminate some problems that can remain after performing a Restart. To turn off the computer just click Start, choose Turn Off Computer, and then click Turn Off.
- **Driver Rollback** This Microsoft Windows XP feature is part of the Windows Installer program used with the Add or Remove Programs utility in the Control Panel. It can revert to the previous version of a driver program if an installation fails when you are installing a new version of the driver program. For more information, type Rollback into the Search box in Help and Support.
- **System Restore** This Microsoft Windows XP feature allows you to bring your HP DEC configuration back to a previous time when a current software problem may have not existed. The feature does this by creating a “restore point” where it records the computer settings at that time and date. The installation of some software automatically sets a restore point for you, but it is recommended to manually set restore points, especially before installing or downloading additional software. When using Add Programs from the Add or Remove Programs feature under the computer Control Panel, the operating system automatically creates a restore point before it adds the software. If you experience a problem that you think may be due to software on your computer, use System Restore to return the PC to a previous restore point. For more information, type System Restore into the Search box in Help and Support.
- **Application and Driver Recovery** If the problem with the HP DEC seems to be with only one program or one driver, it may be that the application program or the driver program is damaged. You can reinstall individual factory-installed application programs and driver programs by using the HP Application Recovery program (select models only); see “Application Recovery” on page 5.
- **System Recovery** Use the HP PC System Recovery program as a last resort to reinstall the software. First perform System Recovery using the recovery discs and choose Standard Recovery. Finally, if necessary, perform System Recovery using the recovery discs and choose full System Recovery. Refer to “System Recovery Using Recovery Discs” on page 6.

Before using the HP PC System Recovery program or the HP Application Recovery program, use System Restore.

When your HP DEC stops working correctly, the Restart, Turn Off Computer, and Driver Rollback methods (described above) may resolve the problem. After you have tried these three methods, if needed, try the remaining actions, using the table that follows as a quick reference.
For the specific computer problem, try the method listed as #1, and then #2.

<table>
<thead>
<tr>
<th>Problem/Status</th>
<th>Microsoft System Restore</th>
<th>Application Recovery program</th>
<th>System Recovery from the recovery DVDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>You installed a new application or device driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>An application does not work</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>A device driver does not work</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer stops responding or does not work</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>You replaced the hard disk drive</td>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

The recovery discs can be used only with the specified model. The discs are licensed for use only with your HP DEC. The recovery DVDs can install the operating system and software on your computer if the software becomes corrupted or is accidentally erased.

**System Restore**

**WARNING:** Try System Restore before using the HP PC System Recovery program.

If software on your hard drive accidentally gets erased or damaged, first use the Microsoft System Restore feature in Windows XP to restore the computer system and program settings.

System Restore returns the computer settings to a selected restore point without affecting user programs or document files. For more information, type System Restore into the Search box in Help and Support.

**To Start System Restore:**
1. Close all open programs.
2. Click the Start button.
3. Choose All Programs.
4. Choose Accessories.
5. Choose System Tools.
6. Click System Restore.
Follow the onscreen instructions.

**Application Recovery**

**NOTE:** Not all models include the Application Recovery program. Perform steps 3 through 5 of the following procedure. If HP Application Recovery appears in the folder, your model includes the program.

If an individual factory-installed application or driver accidentally gets erased or damaged, you can reinstall the software using the HP Application Recovery program (select models).

**NOTE:** Use the Application Recovery program to reinstall factory-installed applications and drivers. For other software programs, reinstall these programs directly from their original CDs or DVDs.

**To Start Application Recovery:**
1. Close all applications and folders.
2. Uninstall the existing (damaged) application.
3. Click Start on the taskbar.
4. Choose All Programs.
5. Choose HP Digital Entertainment Center Help & Tools.
6. Click HP Application Recovery, and then click Yes. Insert the recovery disc #1 into a DVD drive.
7. Click Application Installation or Driver Installation, and then click Next.
8. Select the driver or application program to install, and then click Install.
9. Follow the onscreen instructions.
10. Repeat steps 7 through 9 to install other drivers or applications.
11. When you have finished recovering applications or drivers, close the Application Recovery program. Then click Start, click Turn Off Computer, and click Restart to restart the PC.

**WARNING:** Do not skip this last step! You must restart the HP DEC when you are finished recovering applications or drivers.
System Recovery
When you've tried other methods of repairing your system software (like System Restore or Application Recovery), you may want to use the HP PC System Recovery program as a last resort to reinstall the software.
When necessary, you can reinstall the operating system and the application software that was originally installed on the HP DEC at the factory by using the System Recovery program.

WARNING: The HP PC System Recovery program will delete any data or programs that you installed after purchase. Be sure to back up any data that you want to keep onto a removable disc.

In the unlikely event that you replace the hard disk drive, use recovery discs to reinstall the operating system and software on the hard disk drive.

System Recovery Using Recovery Discs
The recovery discs provide two recovery options:

- **Standard Recovery**: This option recovers factory-shipped programs, drivers, and the operating system without affecting any data files that you may have created since purchase. Some data files may be difficult to find after the System Recovery, so it is best to back up all hard disk drive files before performing a System Recovery. However, you must reinstall any software that was not installed on the HP DEC at the factory. This includes software that came on CDs included in the accessory box, and software programs you installed since your purchase.
- **Full System Recovery**: This recovery function completely erases and reformats the hard disk drive. The program performs a full System Recovery to reinstall the operating system, programs, and drivers from the recovery discs. However, you must reinstall any software that was not installed on the HP DEC at the factory. This includes software that came on CDs included in the accessory box, and software programs you installed since your purchase.

**NOTE**: If your HP DEC has a blank or corrupted hard disk drive, you will see only the full System Recovery option.

To Run System Recovery Program Using Recovery Discs:

1. If the HP DEC works, back up all data files that you want to save onto removable media, such as a DVD. Remove the backup DVD you’ve made.
2. Press the Eject button on the disc drive, and wait for the tray to open. Insert Recovery DVD disc #1 and close the tray.
3. Turn off the HP DEC:
   - If the computer works: Click Start on the taskbar, click Turn Off Computer, and then click Turn Off.
   - Or
     - Press and hold the On button approximately 5 seconds until the computer turns off.
4. Disconnect all peripheral devices from the computer except the monitor and the keyboard.
5. Press the On button to turn on the computer.
6. The computer starts the recovery; wait for the onscreen instructions to display, and then follow those instructions:
   - For standard recovery, press R. Choose Next to proceed with the System Recovery. Choose Yes to start the recovery. Insert the remaining recovery discs when directed.
   - Or
     - For full System Recovery, press F. Choose Yes to perform a full System Recovery. Insert the remaining discs when directed.
   - Or
     - If your computer hard disk drive is blank or corrupted, press R to perform a full System Recovery. Insert the remaining recovery discs when directed.
7. When the recovery program finishes, the drive tray ejects. Remove the disc.
8. Click Restart to restart the computer.
9. After the computer restarts, a series of startup screens appears. To proceed with the initial Microsoft Windows setup, you must answer a few questions.
10. Complete the computer startup, finish the registration process, and wait until you see the desktop. Then, turn off the computer, reconnect all peripheral devices, and turn on the computer.
11. Reinstall software not originally installed on the computer by the factory.
12. Copy data files that you saved on the backup DVD you made to your hard disk drive.
Warranty and License Information

HP Total Care
HP Total Care provides fast, friendly, and effective expert advice for all your HP products. If you have a question or if a problem arises, we offer extensive service and support options around the clock to better handle your needs. Go to your product's Help & Support Center for the fastest resolutions. For more information on your support and services options, visit: www.hp.com/go/totalcare

NOTE: Your HP Personal Media Drive is covered by a separate warranty. Please refer to your HP Personal Media Drive documentation for details. Support for your HP Personal Media Drive is available via email at: HP@hddsupport.com or by calling 1-800-270-6026 (toll-free)
Or (405)-324-4744 (toll) (US and Canada)

When should I contact HP Total Care Support and Services?
- The Help and Support Center or other support tools on your product did not identify or help solve your problem.
- You either do not have Internet access or cannot connect to the Internet to use the HP Customer Care Web support site.
- There is obvious damage or a mechanical breakdown with your product, and it does not work.
Support agents are available 24 hours a day in English, Spanish (U.S. only) and French (Canada only) via:
1-(800)-474-6836 (1-800-HP invent)
Or 1-(905)-206-4663 (local to Mississauga) to provide expert assistance.

NOTE: Support options, availability and hours vary by product, country/region, and language, and are subject to change.

If Necessary: Get Repair

Customer Self Repair
You can easily replace many of the internal and external parts yourself. This is the fastest method of repair, where the part is conveniently sent with next-day service to your home or business. We pay the shipping and handling. Detailed instructions are included to guide you through an easy repair, and if you have questions, call us for assistance. This service is free for the duration of the hardware warranty period.

In some cases, HP will ask for a credit card as collateral for the part and will charge you for the retail price of the part if the failed part is not returned within thirty (30) days.

Availability of this program may vary depending on your country/region.

In-Home Service
If it is needed, we will come right to you. Sometimes, your product can be repaired only by a service technician. If this is the case, we can schedule an onsite visit for an authorized service technician to come fix your product.

Pick Up and Return Service
HP will arrange to have your product picked up and delivered to an HP Central Repair Center. We pay for the round-trip shipping and handling. This service is free for the duration of the hardware warranty period.

There are a few limitations and exclusions to this warranty (as well as some important details) and you'll find them described, in legal language, beginning on the next page.

Carry-In Service
You also have the option of taking your product to an HP Authorized Service Provider (ASP). The ASP can facilitate the service on your product. For a select number of ASPs, same day repair service is available for your convenience. Visit www.hp.com/support to find the nearest authorized support provider in your area.
HP Out-of-Warranty Support Options
Even after your warranty has ended, HP can still provide you with service and support options:

- For Visa and MasterCard holders in the United States or calls from Canada, please contact HP Total Care at 1-(800)-474-6836 (1-800 HP invent) or 1-(905)-206-4663 (local to Mississauga).
- 1 time technical support, $40* U.S. per call
- 1 year unlimited technical support $75* U.S.

*Prices are subject to change without notice and may vary based on your product.

Fees are charged to your Visa or MasterCard.

Protect Your Investment

Obtaining a Warranty Upgrade
Upgrade your standard factory warranty to two or three years with an Extended Service Plan. Service coverage begins on product purchase date and you must purchase the service within the first year after purchasing the computer. The hardware service offering will be determined based on the outcome of system self-test programs run by the customer through the initial call to HP Total Care.

For more information please visit

US only
www.hp.com/go/totalcare
or call: 1-(866)-234-1377

Canada only
www.hp.ca/totalcare
or call: 1-(877)-231-4351

Recycle — HP Planet Partners
HP is sensitive to the environment and has a program, Planet Partners, to make it simple for us to reclaim your old product for recycling. HP will help you recycle your old equipment even if it is not an HP product; we take back all makes and models. Visit our Web site to find out how easy it is to recycle: www.hp.com/recycle

The Legal Language

DURATION OF LIMITED WARRANTY

Hardware:

Original Systems — 1 year
Technical phone assistance to diagnose potential hardware issues — 1 year

Hardware Limited Warranty

General Terms
This HP Hardware Limited Warranty gives you, the customer, express limited warranty rights from HP, the manufacturer. Please refer to HP’s Web site for an extensive description of your limited warranty entitlements. In addition, you may also have other legal rights under applicable local law or special written agreement with HP.

EXCEPT AS EXPRESSLY SET FORTH IN THIS LIMITED WARRANTY, HP MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. HP EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED IN DURATION TO THE LIMITED WARRANTY PERIOD. SOME STATES OR COUNTRIES/REGIONS DO NOT ALLOW A LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR CONSUMER PRODUCTS. IN SUCH STATES OR COUNTRIES/REGIONS, SOME EXCLUSIONS OR LIMITATIONS OF THIS LIMITED WARRANTY MAY NOT APPLY TO YOU.

THE LIMITED WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY BUT ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.
This Limited Warranty is applicable in all countries/regions and may be enforced in any country/region where HP or its authorized service providers offer warranty service subject to the terms and conditions set forth in this Limited Warranty. However, warranty service availability and response times may vary from country/region to country/region and may also be subject to registration requirements in the country/region of purchase. If so, your HP authorized service provider can provide you with details.

This Limited Warranty applies only to HP-branded and Compaq-branded hardware products (collectively referred to in this Limited Warranty as “HP Hardware Products”) sold by or leased from Hewlett-Packard Company, its worldwide subsidiaries, affiliates, authorized resellers, or country/region distributors (collectively referred to in this Limited Warranty as “HP”) with this Limited Warranty. The term “HP Hardware Product” is limited to the hardware components and required firmware. The term “HP Hardware Product” DOES NOT include any software applications or programs; non-HP products or non-HP branded peripherals. All non-HP products or non-HP branded peripherals external to the HP Hardware Product — such as external storage subsystems, displays, printers and other peripherals — are provided “AS IS” without HP warranty. However, non-HP manufacturers and suppliers, or publishers may provide their own warranties directly to you.

HP warrants that the HP Hardware Products that you have purchased or leased from HP are free from defects in materials or workmanship under normal use during the Limited Warranty Period. The Limited Warranty Period starts on the date of purchase or lease from HP, or from the date HP completes installation. Your dated sales or delivery receipt, showing the date of purchase or lease of the product, is your proof of the purchase or lease date. You may be required to provide proof of purchase or lease as a condition of receiving warranty service. You are entitled to hardware warranty service according to the terms and conditions of this document if a repair to your HP Hardware Product is required within the Limited Warranty Period.

Unless otherwise stated, and to the extent permitted by local law, new HP Hardware Products may be manufactured using new materials or new and used materials equivalent to new in performance and reliability. HP may repair or replace HP Hardware Products (a) with new or previously used products or parts equivalent to new in performance and reliability, or (b) with equivalent products to an original product that has been discontinued. Replacement parts are warranted to be free from defects in material or workmanship for ninety (90) days or, for the remainder of the Limited Warranty Period of the HP Hardware Product they are replacing or in which they are installed, whichever is longer.

During the Limited Warranty Period, HP will, at its discretion, repair or replace any defective component. All component parts or hardware products removed under this Limited Warranty become the property of HP. In the unlikely event that your HP Hardware Product has recurring failures, HP, at its sole discretion, may elect (a) to provide you with a replacement unit of HP’s choosing that is the same or equivalent to your HP Hardware Product in performance, or (b) to give you a refund of your purchase price or lease payments (less interest) instead of a replacement. This is your exclusive remedy for defective products.

**Exclusions**

HP does not warrant that the operation of this product will be uninterrupted or error-free. HP is not responsible for damage that occurs as a result of your failure to follow the instructions intended for the HP Hardware Product.

This Limited Warranty does not apply to expendable or consumable parts and does not extend to any product from which the serial number has been removed or that has been damaged or rendered defective (a) as a result of accident, misuse, abuse, contamination, improper or inadequate maintenance or calibration, or other external causes; (b) by operation outside the usage parameters stated in the user documentation that shipped with the product; (c) by software, interfacing, parts, or supplies not supplied by HP; (d) improper site preparation or maintenance; (e) virus infection; (f) loss or damage in transit; or (g) by modification or service by anyone other than (i) HP, (ii) an HP authorized service provider, or (iii) your own installation of end-user replaceable HP or HP approved parts if available for your product in the servicing country/region.

YOU SHOULD MAKE PERIODIC BACKUP COPIES OF THE DATA STORED ON YOUR HARD DRIVE OR OTHER STORAGE DEVICES AS A PRECAUTION AGAINST POSSIBLE FAILURES, ALTERATION, OR LOSS OF THE DATA. BEFORE RETURNING ANY UNIT FOR SERVICE, BE SURE TO BACK UP DATA AND REMOVE ANY CONFIDENTIAL, PROPRIETARY, OR PERSONAL INFORMATION. HP IS NOT RESPONSIBLE FOR DAMAGE TO OR LOSS OF ANY PROGRAMS, DATA, OR REMOVABLE STORAGE MEDIA. HP IS NOT RESPONSIBLE FOR THE RESTORATION OR REINSTALLATION OF ANY PROGRAMS OR DATA OTHER THAN SOFTWARE INSTALLED BY HP WHEN THE PRODUCT IS MANUFACTURED.
Exclusive Remedy
TO THE EXTENT ALLOWED BY APPLICABLE LOCAL LAW, these terms and conditions constitute the complete and exclusive warranty agreement between you and HP regarding the HP Hardware Product you have purchased or leased. These terms and conditions supersede any prior agreements or representations — including representations made in HP sales literature or advice given to you by HP or an agent or employee of HP — that may have been made in connection with your purchase or lease of the HP Hardware Product. No change to the conditions of this Limited Warranty is valid unless it is made in writing and signed by an authorized representative of HP.

Limitation of Liability
IF YOUR HP HARDWARE PRODUCT FAILS TO WORK AS WARRANTED ABOVE, HP’S MAXIMUM LIABILITY UNDER THIS LIMITED WARRANTY IS EXPRESSLY LIMITED TO THE LESSER OF THE PRICE YOU HAVE PAID FOR THE PRODUCT OR THE COST OF REPAIR OR REPLACEMENT OF ANY HARDWARE COMPONENTS THAT MALFUNCTION IN CONDITIONS OF NORMAL USE.

EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP BE LIABLE FOR ANY DAMAGES CAUSED BY THE PRODUCT OR THE FAILURE OF THE PRODUCT TO PERFORM, INCLUDING ANY LOST PROFITS OR SAVINGS OR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. HP IS NOT LIABLE FOR ANY CLAIM MADE BY A THIRD PARTY OR MADE BY YOU FOR A THIRD PARTY.

THIS LIMITATION OF LIABILITY APPLIES WHETHER DAMAGES ARE SOUGHT, OR A CLAIM MADE, UNDER THIS LIMITED WARRANTY OR AS A TORT CLAIM (INCLUDING NEGLIGENCE AND STRICT PRODUCT LIABILITY), A CONTRACT CLAIM, OR ANY OTHER CLAIM. THIS LIMITATION OF LIABILITY CANNOT BE WAIVED OR AMENDED BY ANY PERSON. THIS LIMITATION OF LIABILITY WILL BE EFFECTIVE EVEN IF YOU HAVE ADVISED HP OR AN AUTHORIZED REPRESENTATIVE OF HP OF THE POSSIBILITY OF ANY SUCH DAMAGES. THIS LIMITATION OF LIABILITY, HOWEVER, WILL NOT APPLY TO CLAIMS FOR PERSONAL INJURY.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT MAY VARY FROM STATE TO STATE OR FROM COUNTRY/REGION TO COUNTRY/REGION. YOU ARE ADVISED TO CONSULT APPLICABLE STATE OR COUNTRY/REGION LAWS FOR A FULL DETERMINATION OF YOUR RIGHTS.

Limited Warranty Period
The Limited Warranty Period for an HP Hardware Product is a specified, fixed period commencing on the date of purchase. The date on your sales receipt is the date of purchase unless HP or your reseller informs you otherwise in writing.

Types of Warranty Service
To enable HP to provide the best possible support and service during the Limited Warranty Period, you may be directed by HP to verify configurations, load most recent firmware, install software patches, run HP diagnostics tests or use HP remote support solutions where applicable.

HP strongly encourages you to accept the use of, or to employ available support technologies provided by HP. If you choose not to deploy available remote support capabilities, you may incur additional costs due to increased support resource requirements. Listed below are the types of warranty support service that may be applicable to the HP Hardware Product you have purchased.

Customer Self Repair Warranty Service
In countries/regions where it is available, your HP Limited Warranty may include a Customer Self Repair warranty service. If applicable, HP will determine in its sole discretion that Customer Self Repair is the appropriate method of warranty service. If so, HP will ship approved replacement parts directly to you to fulfill your HP Hardware Product warranty service. This will save considerable repair time. After you contact HP and the fault diagnosis identifies that the problem can be fixed using one of these parts, a replaceable part can be sent directly to you. Once the part arrives, replace the defective part pursuant to the provided instructions and documentation. If further assistance is required, call the HP Technical Support Center and a technician will assist you over the phone. In cases where the replacement part must be returned to HP, you must ship the defective part back to HP within a defined period of time, normally thirty (30) days. The defective part must be returned with the associated documentation in the provided shipping material. Failure to return the defective product may result in HP billing you for the replacement. With a Customer Self Repair, HP will pay all shipping and part return costs and determine the courier/carrier to be used. If Customer Self Repair applies to you, please refer to your specific HP Hardware Product announcement. You can also obtain information on this warranty service on the HP Web site at: www.hp.com/support
Pick Up and Return Warranty Service
Your HP Limited Warranty may include a pick up and return warranty service. Under the terms of pick up and return service, HP will pick up the defective unit from your location, repair it, and return it back to your location. HP will incur all repair, logistics and insurance costs in this process.

Carry-In Warranty Service
Under the terms of carry-in service, you will be required to deliver your HP Hardware Product to an authorized service location for warranty repair. You must prepay any shipping charges, taxes, or duties associated with transportation of the product to and from the service location. In addition, you are responsible for insuring any product shipped or returned to an authorized service location and assume risk of loss during shipping.

On-Site Warranty Service
Your HP Limited Warranty service may include on-site labor support to repair your hardware. HP provides on-site service during standard office hours. Standard office hours are typically 08.00 to 17.00, Monday through Friday, but may vary with local business practices. If your location is outside the customary service zone (typically 50km), response times may be longer or there may be additional charges. To locate the nearest HP authorized service provider, refer to the HP Web site at: www.hp.com/support

HP may, at its sole discretion, determine if on-site warranty service is required. For example, in many cases, the defect can be fixed by the use of a Customer Self Repair (CSR) part that you are required to replace yourself, based on instructions and documentation provided by HP. You are also required to cooperate with HP in attempting to resolve the problem over the telephone. This may involve performing routine diagnostic procedures, installing software updates or patches, removing third party options and/or substituting options. In order to receive on-site support, you must: (a) have a representative present when HP provides warranty services at your site; (b) notify HP if products are being used in an environment which poses a potential health or safety hazard to HP employees or subcontractors; (c) subject to its reasonable security requirements, provide HP with sufficient, free, and safe access to and use of all facilities, information, and systems determined necessary by HP to provide timely support; (d) ensure that all manufacturer’s labels (such as serial numbers) are in place, accessible, and legible; (e) maintain an environment consistent with product specifications and supported configurations.

If you require an HP representative to handle all component replacements, support uplift contracts are available at additional cost.

HP is not responsible for any tariffs or duties that may be incurred in transferring the products. Transfer of the products may be covered by export controls issued by the United States or other governments.

Service Upgrades
HP has a range of additional support and service coverage for your product that can be purchased locally. However, some support and related products may not be available in all countries/regions. For information on availability of service upgrades and the cost for these service upgrades, refer to the HP Web site at: www.hp.com/support

Options and Software
Limited Warranties
The Limited Warranty terms and conditions for most HP-branded options (HP Options) are as set forth in the Limited Warranty applicable to the HP Option and are included in the HP Option product packaging. If your HP Option is installed in an HP Hardware Product, HP may provide warranty service for either the period specified in the warranty documents (HP Option Limited Warranty Period) that shipped with the HP Option or for the remaining warranty period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer, but not to exceed three (3) years from the date you purchased the HP Option. The HP Option Limited Warranty Period starts from the date of purchase from HP or an HP authorized reseller. Your dated sales or delivery receipt, showing the date of purchase of the HP Option, is your warranty start date. See your HP Option Limited Warranty for more details. Non-HP options are provided “AS IS”. However, non-HP manufacturers and suppliers may provide warranties directly to you.

EXCEPT AS PROVIDED IN THE APPLICABLE SOFTWARE END-USER LICENSE OR PROGRAM LICENSE AGREEMENT, OR IF OTHERWISE PROVIDED UNDER LOCAL LAW, SOFTWARE PRODUCTS, INCLUDING ANY SOFTWARE PRODUCTS OR THE OPERATING SYSTEM PREINSTALLED BY HP, ARE PROVIDED “AS IS”.
HP’s only warranty obligations with respect to software distributed by HP under the HP brand name are set forth in the applicable end-user license or program license agreement provided with that software. If the removable media on which HP distributes the software proves to be defective in materials or workmanship within ninety (90) days of purchase, your sole remedy shall be to return the removable media to HP for replacement. It is your responsibility to contact non-HP manufacturers or suppliers for their warranty support.

Software Technical Support
Software Technical Support for your HP Software, HP pre-installed third-party software and third-party software purchased from HP is available from HP via multiple contact methods, including electronic media and telephone, for ninety (90) days from date of purchase. See “Contacting HP” for online resources and telephone support. Any exceptions to this will be specified in your End User License Agreement (EULA).

Software Technical Support includes assistance with:

- Answering your installation questions (how to, first steps, and prerequisites).
- Setting up and configuring the software (how-to and first steps). Excludes system optimization, customization, and network configuration.
- Interpreting system error messages.
- Isolating system problems to software usage problems.
- Obtaining support pack information or updates.

Software technical support does NOT include assistance with:

- Generating or diagnosing user generated programs or source codes.
- Installation of non-HP products.

Contacting HP
If your product fails during the Limited Warranty Period and the suggestions in the product documentation do not solve the problem, you can receive support by doing the following:

Locate your nearest HP Support location via the World Wide Web at: www.hp.com/support

Contact your authorized HP dealer or Authorized Service Provider and be sure to have the following information available before you call HP:

- Product serial number, model name, and model number
- Applicable error messages
- Add-on options
- Operating system
- Third-party hardware or software
- Detailed questions

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PLEASE READ CAREFULLY BEFORE USING THIS EQUIPMENT: This End-User License Agreement (“EULA”) is a legal agreement between (a) you (either an individual or a single entity) and (b) Hewlett-Packard Company (“HP”) that governs your use of any Software Product, installed on or made available by HP for use with your HP product (“HP Product”), that is not otherwise subject to a separate license agreement between you and HP or its suppliers. Other software may contain a EULA in its online documentation. The term “Software Product” means computer software and may include associated media, printed materials and “online” or electronic documentation. An amendment or addendum to this EULA may accompany the HP Product.

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13. CAPACITY AND AUTHORITY TO CONTRACT. You represent that you are of the legal age of majority in your state of residence and, if applicable, you are duly authorized by your employer to enter into this contract.

14. APPLICABLE LAW. This EULA is governed by the laws of the State of California, U.S.A.

15. ENTIRE AGREEMENT. This EULA (including any addendum or amendment to this EULA which is included with the HP Product) is the entire agreement between you and HP relating to the Software Product and it supersedes all prior or contemporaneous oral or written communications, proposals, and representations with respect to the Software Product or any other subject matter covered by this EULA. To the extent the terms of any HP policies or programs for support services conflict with the terms of this EULA, the terms of this EULA shall control.
DECLARATION OF CONFORMITY
according to ISO/IEC Guide 22 and EN 45014

Manufacturer’s Name: Hewlett-Packard Company
Manufacturer’s Address: Hewlett-Packard Company
10500 Ridgeview Court
Cupertino, CA 95014

declares, that the product(s)

Product: Personal computer
Model Number(s): z500 series
Product Options: All

conforms to the following Product Specifications:

Safety:
IEC 60950: 1999 / EN60950: 2000
GB4943: 2001

EMC:
EN 55020: 1995
EN 55013: 2001
IEC 61000-3-2:2000 / EN 61000-3-2: 2000
GB9254: 1998
FCC Title 47 CFR, Part 15 Class B / ICES-002, issue 2
AS/NZS CISPR 22: 2002

Telecom:

Radio:
ETSI 300-826 General EMC requirements for Radio equipment
ETSI 300-328 Technical requirements for Radio equipment

Supplementary Information:

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cupertino, CA USA Aug. 1, 2004

For regulatory compliance information only, contact:
Australia Contact: Product Regulations Manager, Hewlett-Packard Australia Ltd., 31-41 Joseph Street, Blackburn, Victoria 3130
European Contact: Hewlett-Packard GmbH, HQ-TRE, Herrenberger Straße 140, 71034 Böblingen, Germany (FAX: +49-7031-14-3143)
North America Contact: Hardware Quality Eng. Manager, Hewlett-Packard, CPC, 10500 Ridgeview Ct., Cupertino, CA 95015-4010. Phone: (408)343-5000
Operating Specifications

**Electrical ratings:**
AC INPUT 100–240V, 4A
50–60 HZ

**Operating temperature:** 5° to 35° C

**Storage temperature:** –30° to 65° C

**Operating humidity:** 15 to 80% @ 26° C

**Operating altitude:** 0–2286 m

**Storage altitude:** 0–4572 m

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**Regulatory and Safety Information**

**WARNING:** Text set off in this manner indicates that failure to follow directions could result in damage to equipment, loss of information, bodily harm, or loss of life.

**WARNING:** The PC is heavy; be sure to use ergonomically correct lifting procedures when moving the computer.

**WARNING:** Please read the “Additional Safety Information” located later in this document before installing and connecting your PC to the electrical power system.

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Batteries are delivered with this product. When empty, do not throw them away but collect as small chemical waste.

Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als Klein Chemisch Afval (KCA).

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**FCC Regulatory and Safety Information (USA Only)**

Federal Communications Commission (FCC) Radio Frequency Interference Statement

**WARNING:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a circuit different from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

The system RFI and Radiated Immunity tests were conducted with supported peripheral devices and shielded cables, such as those you receive with your system. Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment. To comply with the limits for an FCC Class B computing device, always use shielded signal cables and the power cord supplied with this unit.
Consumer Information and FCC Requirements

Telephone Connection

- This equipment complies with Part 68 of the Federal Communications Commission rules. These rules permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin lines.

- If this device is malfunctioning, it may also cause harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until it has been repaired. If this is not done, the telephone company may temporarily disconnect your service.

- The telephone company may make changes in its technical operations and procedures. If such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes.

- If the telephone company requests information on what equipment is connected to their lines, inform them of:
  a. The telephone number this unit is connected to
  b. The ringer equivalence number
  c. The USOC jack required: RJ-11C
  d. The FCC Registration Number

Items (b) and (c) are indicated on the label. The ringer equivalence number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

- In the event of equipment malfunction, the manufacturer or an authorized repair center should perform all repairs. It is the responsibility of users requiring service to report the problem to the manufacturer, or an authorized agent. Refer to “Where to Get Help” in this document for contact information.

Statement of Fax Branding

The Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via telephone fax machine, unless the message clearly contains: a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent, identification of the business or other entity, or individual sending the message, the telephone number of the sending machine or such business, entity, or individual.

ENERGY STAR Compliance

Products marked with the ENERGY STAR® logo on the packaging box qualify with the U.S. Environmental Protection Agency’s ENERGY STAR guidelines for energy efficiency.

Products with the ENERGY STAR label are designed to use less energy, help you save money on utility bills, and help protect the environment.

ENERGY STAR® is a registered trademark owned by the U.S. government.

Canada Department of Communications (DOC) Notice

Telephone Connection

The Canada Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The department does not guarantee the equipment will operate to the user’s satisfaction.

Before installing this equipment, the user should ensure it is permissible to connect it to the facilities of the local communications company. The equipment must be installed using an acceptable method of connection. In some cases, the company’s inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request that the user disconnect the equipment.

Users should ensure, for their own protection, that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas.

WARNING: Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority or electrician, as appropriate.
**WARNING:** The Load Number .9 assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop; this is used by the device to prevent overloading. The termination on a loop may consist of any combination of devices, subject only to the requirement that the sum of the Load Numbers does not exceed 100.

**WARNING:** When using this device, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:
- Do not use this product near water; for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use this product to report a gas leak in the vicinity of the leak.
- Always disconnect the modem cable before opening the equipment enclosure or touching an uninsulated modem cable, jack, or internal components.
- If this product was not provided with a telephone line cord, use only No. 26 AWG or larger telecommunication line cord in order to reduce the risk of fire.
- Do not plug a modem or telephone cable into the Network Interface Card (NIC) receptacle.

**SAVE THESE INSTRUCTIONS**

**DOC Statement (Canada Only)**
This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

**Additional Safety Information**
This product has not been evaluated for connection to an “IT” power system (an AC distribution system with no direct connection to earth, according to IEC 60950).

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

**AC Power Safety Warning**
**WARNING:** Install the computer near an AC outlet. The AC power cord is your PC’s main AC disconnecting device and must be easily accessible at all times. For your safety, the power cord provided with your PC has a grounded plug. Always use the power cord with a properly grounded wall outlet, to avoid the risk of electrical shock.

**WARNING:** Your PC is provided with a voltage select switch for use in a 115 V~/230 V~/~ power system. The voltage select switch has been pre-set to the correct voltage setting for use in the particular country/region where it was initially sold. Changing the voltage select switch to the incorrect position can damage your PC and void any implied warranty.

**WARNING:** To reduce the possibility of an electric shock from the telephone network, plug your computer into the AC outlet before connecting it to the telephone line. Also, disconnect the telephone line before unplugging your computer from the AC power outlet.

**WARNING:** Always disconnect the modem cord from the telephone system before installing or removing your computer cover.

**WARNING:** Do not operate the computer with the cover removed.

**WARNING:** For your safety, always unplug the PC from its power source and from any telecommunications systems (such as telephone lines), networks, or modems before performing any service procedures. Failure to do so may result in personal injury or equipment damage. Hazardous voltage levels are inside the power supply and modem of this product.

**Lithium Battery Caution**
**WARNING:** The PC uses a lithium battery, type CR2032. There is danger of an explosion if the battery is incorrectly replaced. Replace only with the same, or equivalent, type recommended by the manufacturer. Dispose of used batteries according to the manufacturer’s instructions.
**Laser Safety Statement**

**Class 1 LED Product**

The CD and DVD drives contain a laser system and are classified as a “Class 1 Laser Product” under a U.S. Department of Health and Human Services (DHHS) Radiation Performance standard according to the Radiation Control for Health and Safety Act of 1968.

Should the unit ever require maintenance, contact an authorized service location.

**WARNING:** Use of controls, adjustments, or performance procedures other than those specified in the Upgrading and Servicing Guide may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure of the CD or DVD drives.

**Laser Product Label**

The following label or equivalent is located on the surface of laser products:

![CLASS 1 LASER PRODUCT Label](image)

This label indicates that the product is classified as a CLASS 1 LASER PRODUCT. This label appears on a laser device installed in your product.

**TV Antenna Connectors Protection**

**External Television Antenna Grounding**

If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is electrically grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper electrical grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

**Lightning Protection**

For added protection of any product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug the product from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product from lightning and power line surges.

<table>
<thead>
<tr>
<th>Antenna Grounding Component</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric Service Equipment</td>
<td>1</td>
</tr>
<tr>
<td>Power Service Grounding Electrode System (NEC Art 250, Part H)</td>
<td>2</td>
</tr>
<tr>
<td>Ground Clamps</td>
<td>3</td>
</tr>
<tr>
<td>Grounding Conductors (NEC Section 810-21)</td>
<td>4</td>
</tr>
<tr>
<td>Antenna Discharge Unit (NEC Section 810-20)</td>
<td>5</td>
</tr>
<tr>
<td>Ground Clamp</td>
<td>6</td>
</tr>
<tr>
<td>Antenna Lead in Wire</td>
<td>7</td>
</tr>
</tbody>
</table>

**Power Lines**

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits.

**WARNING:** When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them could be fatal.