



HP Net Vectra

User's Guide



Notice

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User's Guide



Important Safety Information

Who this Manual is For

This manual is for anyone who wants to:

- Set up the PC for the first time
 - Troubleshoot problems on the PC
 - Find out where to get more information and support.
-

Important Ergonomic Information

It is strongly recommended that you read the ergonomic information before using your PC. For Windows NT users, open the Start menu in the task bar and select Help. Then double-click on the help topic "Working in Comfort".

Important Safety Information

WARNING

If you have any doubt that you can lift the PC or display safely, do not try to move it without help.

For your safety, always connect the equipment to a grounded wall outlet. Always use a power cord with a properly grounded plug, such as the one provided with this equipment, or one in compliance with your national regulations. This PC is disconnected from the power by removing the power cord from the power outlet. This means the PC must be located close to a power outlet that is easily accessible.

For your safety, never remove the PC's cover without first removing the power cord from the power outlet, and any connection to a telecommunications network. Always replace the cover on the PC before switching it on again.

To avoid electric shock, do not open the power supply. There are no user serviceable parts inside.



WARNING

There is a danger of explosion if the battery is incorrectly installed. For your safety, never attempt to recharge, disassemble, or burn the old battery. Replace the battery only with the same or equivalent type recommended by the manufacturer. The battery in this PC is a lithium battery which does not contain heavy metals, nevertheless, in order to protect the environment, do not dispose of batteries in household waste. Please return used batteries to the shop from which you bought them, or to the dealer from whom you purchased your PC, or to HP, so that they can either be recycled or disposed of in an environmentally sound way. Returned used batteries will be accepted free of charge.



Important Safety Information



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Setting Up and Using Your PC



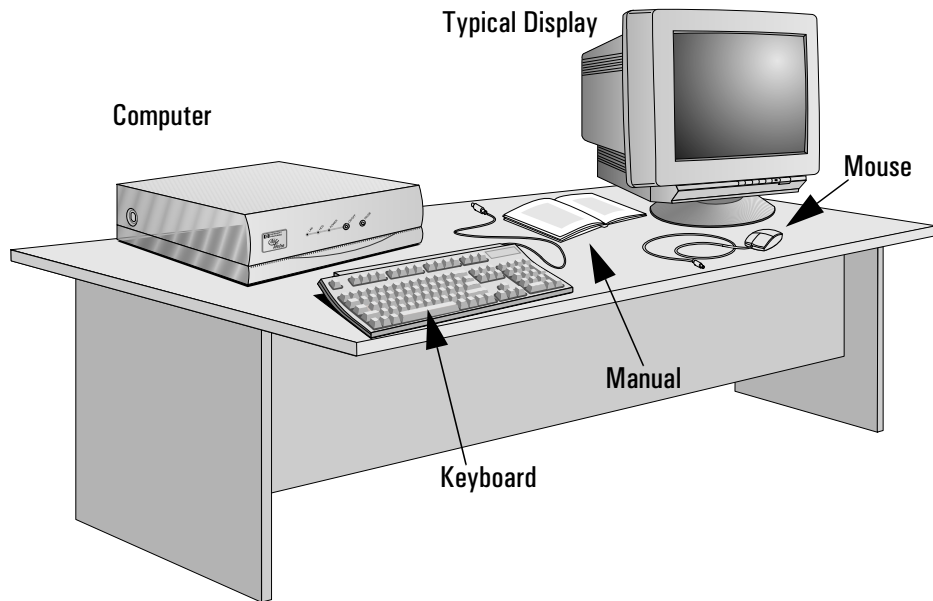
1 Setting Up and Using Your PC

Unpacking Your PC

Unpacking Your PC

WARNING

If you have any doubt that you can lift the PC or display safely, do not try to move it without help.



- 1 When you receive your PC, unpack all the components.
- 2 Place the PC on a sturdy desk near to easily accessible power outlets, with enough space for the keyboard, mouse, and display. (You can place the PC on the floor instead of on the table, if desired.)
- 3 Position the PC so that its rear connectors are easily accessible.

Operating System

Your PC's operating system is preloaded on your PC's hard disk drive.

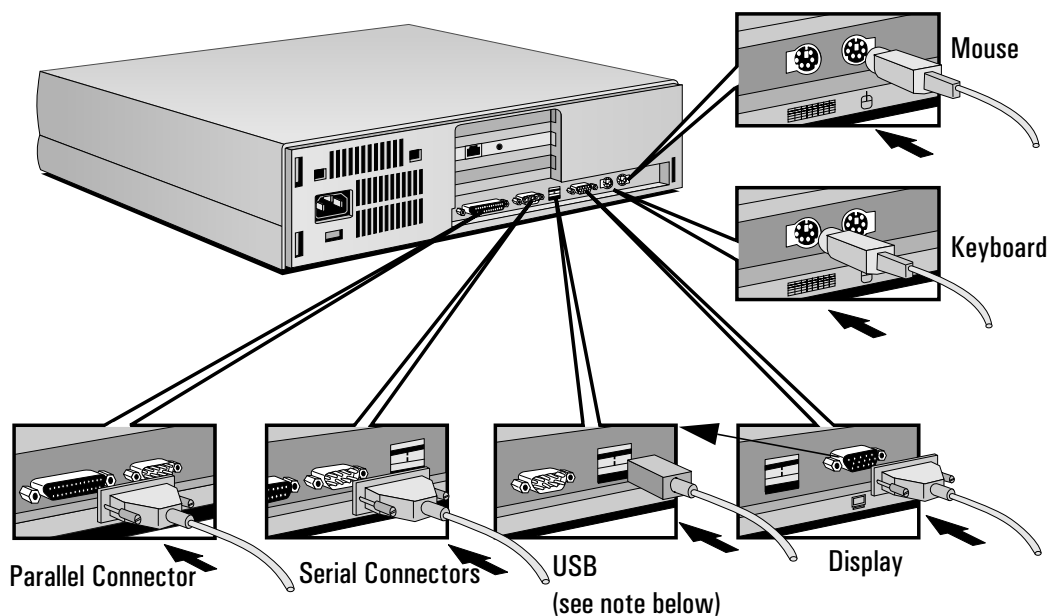


Connecting the Mouse, Keyboard, Display and Printer

Connect the mouse, keyboard, and display to the back of the computer. *The connectors are shaped to go in one way only.* Tighten the display cable attachment screws.

Connect the printer cable to the back of the computer and tighten the attachment screws. Use the connector labeled:

- Parallel (25-pin parallel connector) for a parallel device
- Serial (9-pin serial connector) for a serial device.



NOTE

The Universal Serial Bus (USB) connectors are between the serial connectors and can be used for USB accessories. Most USB accessories are automatically configured as soon as they are physically attached to the PC. USB is not supported by all operating systems. If the USB drivers are not available on your PC, they can be obtained from HP's electronic services.



1 Setting Up and Using Your PC

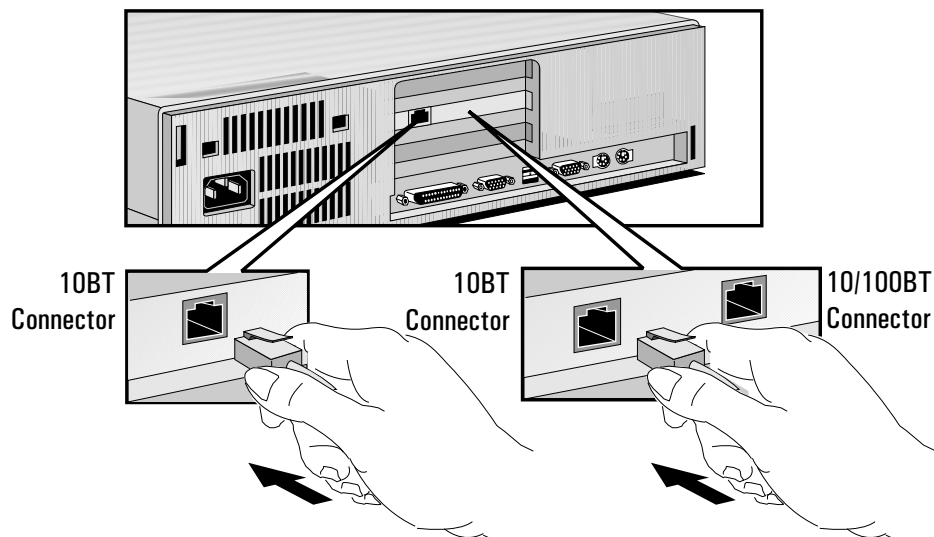
Connecting to a Network

Connecting to a Network

Let your Network Administrator know you are connecting your PC to the network.

Your PC may have one or two LAN connectors, depending upon the model. Connect the network cable to one of the RJ-45 UTP (Unshielded Twisted Pair) LAN connectors.

- Connect to the 10BT connector to use “remote power on”.
- Connect to the 10/100BT connector if you have 10/100BT hubs. This connector provides the “remote wakeup” feature, but not “remote power on”.



To enable your network connection, refer to the online *Network Administrator Guide* provided in the MIS kit for this product. This guide also provides information about “remote power on” and “remote wakeup”.

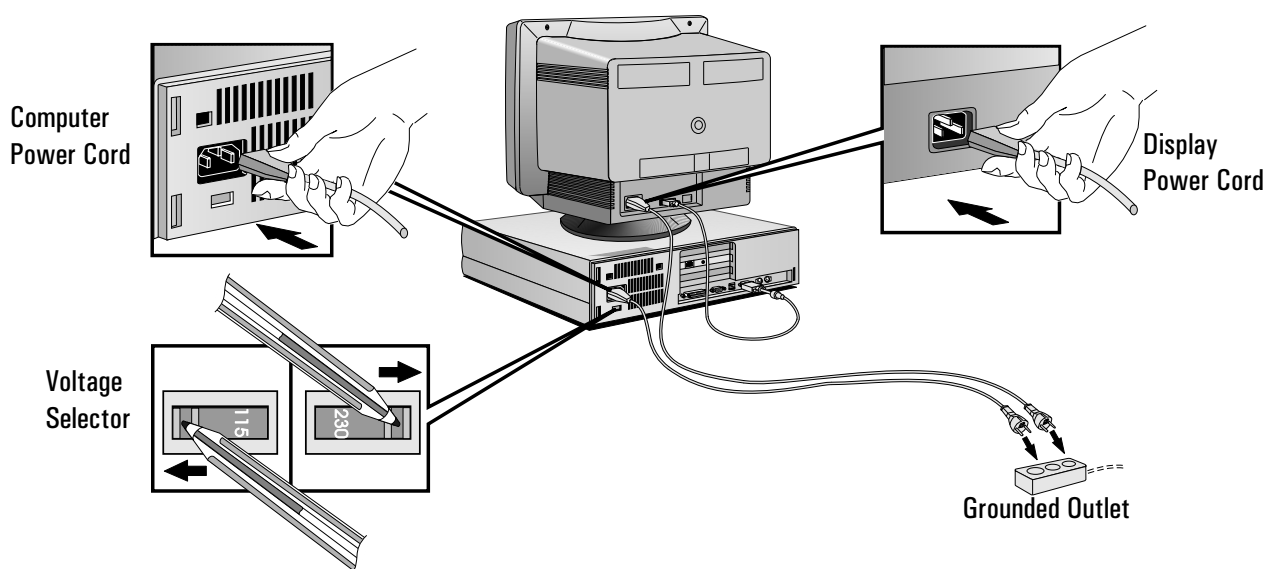


Connecting the Power Cables

WARNING

For your safety, always connect the equipment to a grounded wall outlet. Always use a power cable with a properly grounded plug such as the one provided with this equipment or in compliance with your national regulations. This PC is disconnected from the power by removing the power cable from the power outlet. This means the PC must be located close to a power outlet that is easily accessible.

- 1 Remove the warning label covering the computer's power connector at the rear of the computer.
- 2 Check that the correct voltage is selected for your country. (The voltage is set during manufacture, and should be already correct.)



- 3 Connect the power cables to the display and the computer. (The connectors are shaped to go in one way only.)
- 4 Connect the display's power cable and the computer's power cable to grounded outlets.

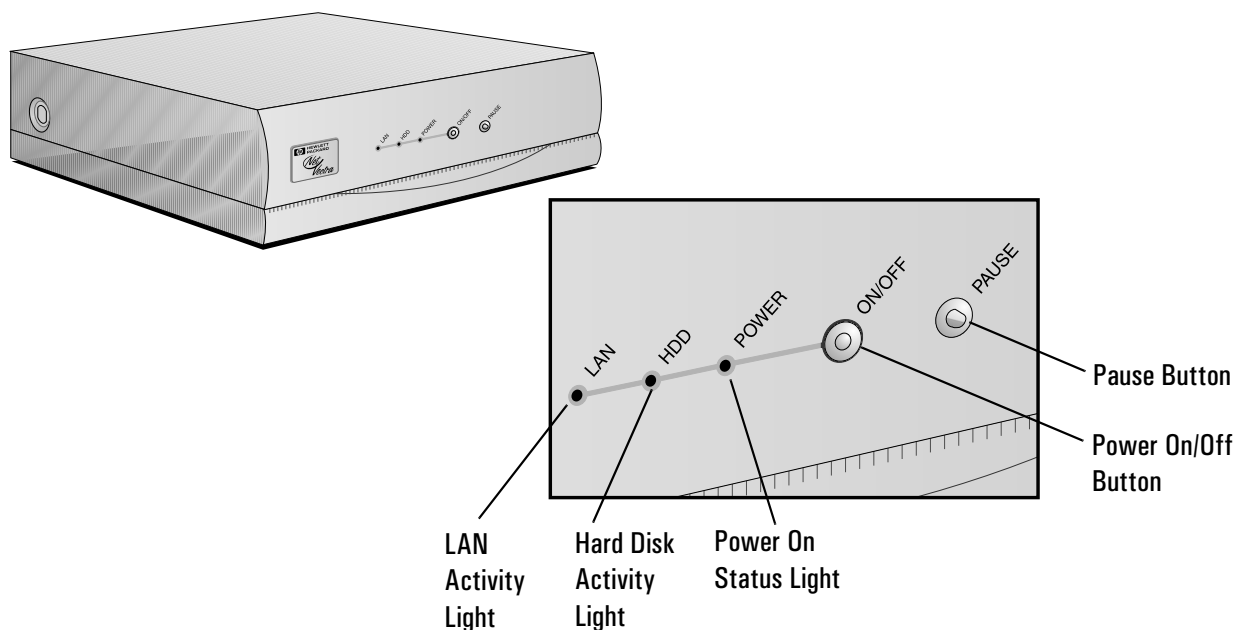


1 Setting Up and Using Your PC

Your PC's Control Panel

Your PC's Control Panel

Your PC's control panel is on the front of your PC.



Power On/Off Button Press this button to turn the power on or off to your PC.

Pause Button Press this button to lock your PC and place the PC in a power-saving mode.
Note that the HP Lock software must be installed and enabled to use this feature.

Power On Status Light This light indicates when your PC is powered-on or paused.

Hard Disk Activity Light This light glows/flickers when your hard disk is being accessed.

LAN Activity Light This light glows/flickers when your PC accesses the network.



Starting and Stopping Your PC

Starting Your PC

- 1 Before you start your PC, first switch on the display.
- 2 Start your PC in one of these ways:
 - press the power button on the front panel
 - press the space bar.

When you switch on the computer, the computer carries out the Power-On-Self-Test (POST) while the *Net Vectra* logo is displayed. If you wish to view the POST details, press **[Esc]** to get the HP Summary Screen. If there is an error in the POST, the error will automatically be displayed. For details, refer to HP Setup Program in chapter 2.

- 3 If you have set a user password in the PC's *Setup* program, the password prompt displays after the POST has completed. If the Password prompt is displayed, type your password and press **[Enter]** to be able to use the PC.

Starting the PC for the First Time

If your PC has preinstalled software, it is initialized the first time you start the PC. This process sets up the software in your language and sets up your software to use the hardware installed in your computer (refer to the operating system documentation to learn how you can change the settings after the software has been initialized).

Initializing Your Software When the PC Starts for the First Time

NOTE

Do NOT switch OFF the PC while the software is being initialized—this could cause unexpected results.

To initialize your software:

- 1 Turn on the display first, and then the PC.



1 Setting Up and Using Your PC

Starting and Stopping Your PC

When the PC is switched on, the Vectra Logo is displayed. The PC performs a Power-On-Self-Test (POST). Press **[Esc]** if you want to view the POST details in the HP Summary Screen.

If an error is detected during the Power-On-Self-Test, the PC will automatically display the error. You may be prompted to press **[F2]** to start the *Setup* program to correct the error.

- 2 The software initialization routine starts. It gives you an opportunity to read Working in Comfort (ergonomic advice for computer users), displays the software license agreement, and then asks questions about the PC. For example:
 - The name of the person who will use the PC and your company name. (If necessary, the name of the user can be modified later.)
- 3 While the initialization program is running, you can complete the reply card that you will find supplied with this manual. When the initialization routine has finished, click on OK and the PC will restart.

After Your PC Has Restarted

- Set the keyboard to a comfortable position.
- Adjust the display screen's brightness and contrast to suit your needs. If the picture does not fill the screen or is not centered, adjust it using the controls on the display. Refer to the display's manual for details.

Stopping Your PC

To stop the PC, press the power button on the control panel. If you have any unsaved documents, you will be prompted to save the data before the PC performs a system shut down.

Refer to the preloaded online documents for more information about the preloaded HP software which provide this data protection feature.



Using Power Management

Power management enables you to reduce the PC's power consumption when you are not using the PC. Refer to the preloaded online documents for more information about the power management features provided by the preloaded HP software.

This PC's power management complies with the Energy Star Computers Program initiated by the United States Environmental Protection Agency.

Additional Information and Help

Additional information about your PC is preloaded on your PC's hard disk drive. This information includes:

- New features—what is new and special about your PC
- Using your PC—simple, “how-to-use” guidelines about using your PC
- Support and information services available from HP.



1 Setting Up and Using Your PC

Additional Information and Help



Troubleshooting Your PC

This chapter can help you solve problems that you may encounter when using your PC.



2 Troubleshooting Your PC

If Your PC Does Not Start Properly

If Your PC Does Not Start Properly

If your display is blank and there are no error messages when you turn on your PC, follow this procedure:

- Check that the computer and display are turned on. (The power light should be illuminated.)
- Check the display's contrast and brightness settings.
- Make sure that all cables and power cords are firmly plugged in.
- Make sure the power outlet is working.

If the problem continues, contact the people in your organisation who support and maintain the PCs on your network.



If Your PC Has a Hardware Problem

This section describes what to do if you have problems with your display, keyboard, or mouse.

Display Does Not Work Properly

If Nothing is Displayed on the Screen

If nothing is displayed on the screen, but the PC starts and the keyboard and other peripheral devices seem to operate properly:

- Ensure that you have entered the correct password, if one is required to use this PC.
- Check that the display's brightness and contrast controls are properly set.
- Ensure that the display video cable is correctly connected.
- Make sure that the display is plugged in and switched ON.
- Switch off the display, and unplug it from the power outlet. Disconnect the video cable and examine the video cable connector pins. If the pins are bent, carefully straighten them.

Other Display Problems

If the display image is not aligned with the screen, use the display's controls to center the image (refer to the display manual for instructions). Check your display manual to find out which refresh rate is required. Use your operating system's display control panel to select the correct refresh rate.



2 Troubleshooting Your PC

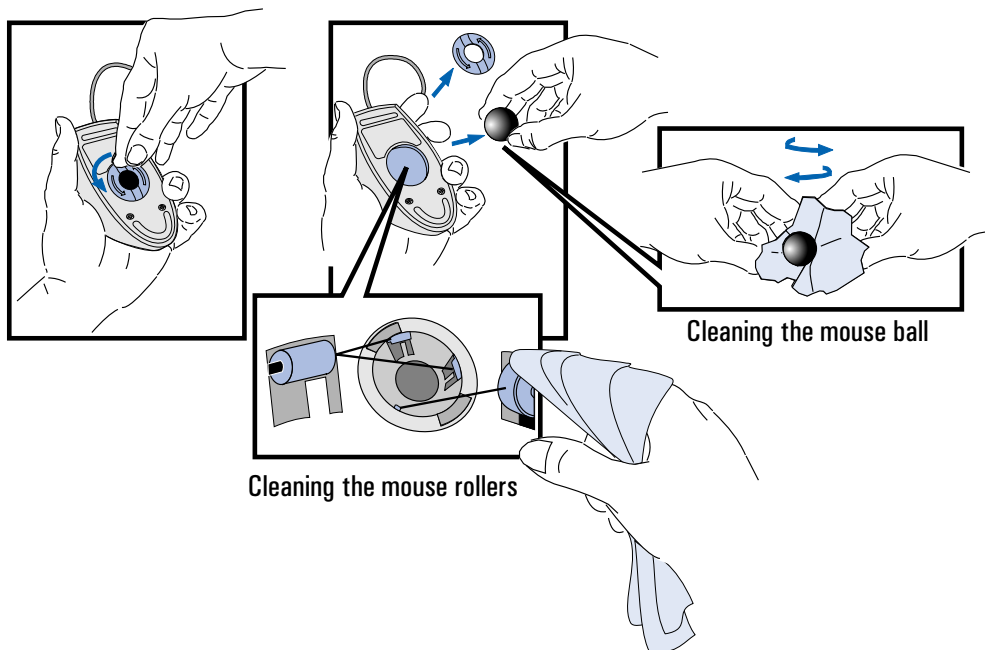
If Your PC Has a Hardware Problem

If Your Keyboard Does Not Work

- Ensure that the keyboard is correctly connected to the PC.
- Ensure that no keys are stuck on the keyboard.
- Ensure that no liquids have been spilled on the keyboard.
- If you turn on your PC, the operating system boots, the keyboard is correctly connected and does not work, the power-on password may be set to “keyboard locked”. You will need to enter a password to unlock the keyboard (and mouse).

If Your Mouse Does Not Work

- Ensure that the mouse is correctly connected to the PC.
- Ensure that the mouse driver supplied with the preloaded software is installed correctly.
- Clean the mouse ball and rollers as shown in the figure below (use a non-residual contact cleaner).



HP Setup Program

Follow these instructions to check your PC's configuration when you first use the PC:

- First, Turn Off Your PC Turn on the display and then the PC. If the PC is already turned on, save your data and exit all programs. For Windows NT, use the **Shut Down** command.
- To Go to the HP Summary Screen While the *Net Vectra* logo appears on your display, press **[Esc]**. This will take you to the HP Summary Screen. The Summary Screen will appear for only a short time. To retain the screen indefinitely (until you decide to leave it), press **[F5]**.
- To Go to the *Setup* Program To go immediately into the *Setup* program while the *Net Vectra* logo appears on your display (and bypass the Summary Screen), press **[F2]** instead of **[Esc]**.



2 Troubleshooting Your PC

Hewlett Packard Support and Information Services

Hewlett Packard Support and Information Services

Hewlett Packard computers are engineered for quality and reliability to give you many years of trouble-free service. To ensure that your desktop system maintains its reliability and to keep you up-to-date with the latest developments, HP and a worldwide network of trained and authorized resellers provide a comprehensive range of service and support options.

To learn more about these service and support options, please refer to the Hewlett-Packard MIS Kit for this product, available at the HP World Wide Web site:

<http://www.hp.com/go/vectrasupport/>

The MIS kit includes this manual plus documents providing training, support, and technical information for this product.

You will also find complete information on the available service and support options.



Regulatory Information and Warranty



Regulatory Information

DECLARATION OF CONFORMITY
according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: HEWLETT-PACKARD

Manufacturer's Address: 5 Avenue raymond Chanas
38320 Eybens, FRANCE

Declares that the product:

Product Name: Personal Computer

Model Number: HP Net Vectra

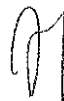
Conforms to the following Product Specifications:

SAFETY International: IEC 950: 1991 + A1 + A2 + A3
Europe: EN 60950: 1992 + A1 + A2 + A3
EN 60825-1994

EMC CISPR 22: 1993 / EN 55022: 1994 Class B
EN 50082-1: 1992
IEC 801-2: 1992 / prEN 55024-2: 1992 - 4 kV CD, 8 kV AD
IEC 801-3: 1984 / prEN 55024-3: 1991 - 3 V/m
IEC 801-4: 1988 / prEN 55024-4: 1992 - 0.5 kV Signal Lines,
1 kV Power Lines

IEC 555-2:1982 + A1:1985 / EN 60555-2:1987
IEC 1000-3-3:1994 / EN 61000-3-3:1995

Supplementary information: The product herewith complies with the requirements of the EMC Directive 89/336/EEC amended by Directive 93/68/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE marking accordingly.



Grenoble
August 1997

Jean-Marc JULIA
Product Quality Manager



FCC (for USA only)

Federal Communications Commission 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 and 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 on a circuit different from that to which the receiver is connected
- consult the dealer or an experienced radio/TV technician for help.

Hewlett-Packard's FCC Compliance Tests were conducted with HP-supported peripheral devices and HP shielded cables, such as those you receive with your system. Changes or modifications not expressly approved by Hewlett-Packard could void the user's authority to operate the equipment.

Notice for Canada

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la Class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Safety Warning for the USA and Canada

If the power cord is not supplied with the computer, select the proper power cord according to your local national electric code.

USA: use a UL listed type SVT detachable power cord.

Canada: use a CSA certified detachable power cord.

For your safety, never remove the PC's cover without first removing the power cord and any connection to a telecommunication network. Always replace the cover before switching on again.

Si le cordon secteur n'est pas livré avec votre ordinateur, utiliser un cordon secteur en accord avec votre code électrique national.

USA: utiliser un cordon secteur "UL listed", de type SVT.

Canada: utiliser un cordon secteur certifié CSA.

Pour votre sécurité, ne jamais retirer le capot de l'ordinateur sans avoir préalablement débranché le cordon secteur et toute connection à un réseau de télécommunication. N'oubliez pas de replacer le capot avant de rebrancher le cordon secteur.



Bij dit apparaat zijn batterijen geleverd. Wanneer deze leeg zijn, moet U ze niet weggooien maar inleveren als KCA.

Changement de la pile

Il y a danger d'explosion lorsque la pile n'est pas installée correctement. Pour votre sécurité, ne jamais essayer de recharger, de démonter ou de brûler l'ancienne pile. Remplacer uniquement avec une pile du même type ou d'un type équivalent recommandé par HP. La pile de cet ordinateur est une pile au lithium qui ne contient pas de métaux lourds, néanmoins, afin de protéger l'environnement, il ne faut pas la jeter dans les ordures ménagères mais la rendre au magasin ou vous l'avez achetée, ou revendeur où vous avez acheté l'ordinateur, ou à Hewlett Packard, pour qu'elle soit recyclée, ou stockée de manière qui ne nuit pas à l'environnement. Les piles usées seront acceptées gratuitement.

Notice for the United Kingdom

The HP Vectra PC is approved under approval number NS/G/1234/J/100003 for indirect connection to Public Telecommunication Systems within the United Kingdom.



Notice for Germany

Wenn die Batterie nicht korrekt eingebaut wird, besteht Explosionsgefahr. Zu ihrer eigenen Sicherheit sollten Sie nicht versuchen, die Batterie wiederaufzuladen, zu zerlegen oder die alte Batterie zu verbrennen. Tauschen Sie die Batterie nur gegen den gleichen oder ähnlichen Typ aus, der vom Hersteller empfohlen wird. Bei der in diesem PC integrierten Batterie handelt es sich um eine Lithium-Batterie, die keine Schwermetalle enthält. Batterien und Akkumulatoren gehören nicht in den Hausmüll. Sie werden vom Hersteller, Händler oder deren Beauftragten kostenlos zurückgenommen, um sie einer Verwertung bzw. Entsorgung zuzuführen.

Noise Declaration for Germany

Lärmangabe nach Maschinenlärmmittelverordnung - 3 GSGV (Deutschland)
LpA < 70 db am Arbeitsplatz normaler Betrieb nach EN27779: 11.92.

Notice for Japan

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取り扱い説明書に従って正しい取り扱いをして下さい。

This equipment is in the Class B category information technology equipment based on the rules of the Voluntary Control Council For Interference by Information Technology Equipment (VCCI). Although aimed for residential area operation, radio interference may be caused when used near a radio or TV receiver. Read the instructions for correct operation.

Notice for Korea

이 기기는 비업무용으로 전자파장애검정을 받은 기기로서 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Recycling Your PC

HP has a strong commitment toward the environment. Your HP Personal Computer has been designed to respect the environment as much as possible.

HP can also take your old PC back for recycling when it reaches the end of its useful life.

HP has a product take-back program in several countries. The collected equipment is sent to one of HP's recycling facilities in Europe or the USA. As many parts as possible are reused. The remainder is recycled. Special care is taken for batteries and other potentially toxic substances, which are reduced into non-harmful components through a special chemical process.

If you require more details about HP's product take-back program, contact your dealer or your nearest HP Sales Office.



HP Hardware Warranty

Important: This is your hardware product warranty statement. Please, read it carefully.

Warranty terms may be different in your country. If so, your Authorized HP Dealer or Hewlett-Packard Sales and Service Office can give you details.

Three Year Limited Hardware Warranty

Hewlett-Packard (HP) warrants this hardware product against defects in materials and workmanship for a period of three years from receipt by the original end-user purchaser.

The three year warranty includes on-site service during the first year of use (free parts and labor), and return service provided by an HP Service Center or a participating Authorized HP Personal Computer Dealer Repair Center, during the second and third years of use (free parts only).

If HP receives notice of above defined defects during the warranty period, HP will either, at its option, repair or replace products which prove to be defective.

Should HP be unable to repair or replace the product within a reasonable amount of time, the customer's alternate exclusive remedy shall be a refund of the purchase price upon return of the product.

Limitation of Warranty

The above warranty shall not apply to defects resulting from: misuse; unauthorized modification; operation or storage outside the environmental specifications for the product; in-transit damage; improper maintenance; or defects resulting from use of non-HP software, accessories, media, supplies, consumables, or such items not designed for use with the product.

HP makes no other express warranty, whether written or oral, with respect to this product. Any implied warranty of merchantability or fitness is limited to the three-year duration of this written warranty. Some states or provinces do not allow limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, or province to province.

Limitation of Liability and Remedies

The remedies provided above are the customer's sole and exclusive remedies. In no event shall HP be liable for any direct, indirect, special, incidental, or consequential damages, whether based on warranty, contract, tort, or any other legal theory.

The foregoing limitation of liability shall not apply in the event that any HP product sold hereunder is determined by a court of competent jurisdiction to be defective and to have directly caused bodily injury, death, or property damage; provided, that in no event shall HP's liability for property damage exceed the greater of \$50,000 or the purchase price of the specific product that caused such damage. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages—including lost profit—so the above limitation or exclusion may not apply to you.

Obtaining On-Site Warranty Service

To obtain on-site warranty service, the customer must contact an HP Sales and Service Office (in the US, call the HP Customer Support Center at (303) 635-1000) or a participating Authorized HP Personal Computer Dealer Repair Center. The customer must be prepared to supply proof of the purchase date.

This warranty is extended worldwide under certain conditions (please, check with your local HP office) to products purchased from HP or an Authorized HP Personal Computer Dealer which are reshipped by the original purchaser either for use by the original purchaser or provided as an incidental part of systems integrated by the original purchaser. When available in the country of use, service is provided in the same manner as if the product was purchased in this country and can only be provided in countries where the product is designed to operate. If the product is not normally sold by HP in the country of use, it must be returned to the country of purchase for service. Response time for on-site service, and turn-around time for return service, are subject to changes from standard conditions based upon non-local parts availability.

The system processor unit, keyboard, mouse, and Hewlett-Packard accessories inside the system processor unit—such as video adapters, mass storage devices, and interface controllers—are covered by this warranty.

Customer-replaceable components may be serviced through expedited part shipment. In this event, HP will prepay shipping charges, duty, and taxes; provide telephone assistance on replacement of the component when necessary; and pay shipping charges, duty, and taxes for any part that HP asks to be returned.



HP products external to the system processor unit—such as external storage subsystems, displays, printers, and other peripherals—are covered by the applicable warranties for those products; HP software is covered by the HP Software Product Limited Warranty.

On-site visits caused by non-Hewlett-Packard products—whether internal or external to the system processor unit—are subject to standard per-incident travel and labor charges.

On-site service for this product is restricted or unavailable in certain locations. In HP Excluded Travel Areas—areas where geographical obstacles, undeveloped roads, or unsuitable public transportation prohibit routine travel—service is provided on a negotiated basis at extra charge.

Response time for HP on-site service in an HP Service Travel Area is normally next business day (excluding HP holidays) for HP Travel Zones 1-3 (generally 100 miles or 160 Km from the HP office). Response time is second business day for Zones 4 and 5 (200 miles, 320 Km); third business day for Zone 6 (300 miles, 480 Km); and negotiated beyond Zone 6. Worldwide Customer Support Travel information is available from any HP Sales and Service Office.

Travel restrictions and response time for dealer or distributor service are defined by the participating dealer or distributor.

Service contracts which provide after-hour or weekend coverage, faster response time, or service in an Excluded Travel Area are often available from HP, an authorized dealer, or authorized distributor at additional charge.

Customer Responsibilities

The customer may be required to run HP-supplied diagnostic programs before an on-site visit or replacement part will be dispatched.

The customer is responsible for the security of its proprietary and confidential information and for maintaining a procedure external to the products for reconstruction of lost or altered files, data, or programs.

For on-site service, the customer must provide: access to the product; adequate working space and facilities within a reasonable distance of the product; access to and use of all information and facilities determined necessary by HP to service the product; and operating supplies and consumables such as the customer would use during normal operation.

When service is being performed on-site, a representative of the customer must be present at all times. The customer must state if the product is being used in an environment which poses a potential health hazard to repair personnel; HP or the servicing dealer may require that the product be maintained by customer personnel under direct HP or dealer supervision.

Obtaining Return Warranty Service

When return warranty service applies, the product must be returned to a service facility designated by HP. Customer must enclose a copy of a document proving date of purchase.

The customer shall prepay shipping charges (and shall pay all duty and taxes) for products returned to HP for warranty service. HP shall pay for return of products to the customer except for products returned to the customer from another country.

HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

Rev. 20/11/96



HP Software Product License Agreement and Software & Product Limited Warranty

Your HP Vectra PC contains preinstalled software programs. Please read the Software License Agreement before proceeding.

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(Rev. 19/11/96)



Your HP Vectra PC Physical Characteristics

Characteristic	Description
Weight (excluding display and keyboard)	7.2 kg (16 pounds)
Dimensions	Width: 380 mm (15"), Height: 105 mm (4.13"), Depth: 385 mm (15.2")
Footprint	0.146 m ² (1.57 ft ²)
Storage temperature	-40 °C to 70° (-40 °F to 158 °F)
Storage humidity	8% to 80% (relative)
Operating temperature	5 °C to 40°C (40 °F to 104 °F)
Operating humidity	15% to 80% (relative)
Acoustic noise emission:	LwA < 38 dBA
Power supply	Input voltage: 100 - 127 & 200 - 240 V ac Input frequency: 50/60 Hz
Maximum output power	80 W continuous

Power Consumption

All measurements are in watts (rms).

Power Consumption by Model	166 MHz		166 MHz MMX		200 MHz MMX	
	115V/60Hz	230V/50Hz	115V/60Hz	230V/50Hz	115V/60Hz	230V/50Hz
Off	< 0.5 W	1.5 W	< 0.5 W	1.6 W	< 0.5 W	1.5 W
Windows NT (without disk transfer)	23.6 W	28.2 W	24.4 W	28.4 W	24.6 W	28.6 W
Windows NT (with disk transfer)	33.6 W	37.8 W	35.6 W	39 W	37.8 W	40.5 W
Suspend	20 W	24 W	20.9 W	24.8 W	21.1 W	25.1 W

NOTE

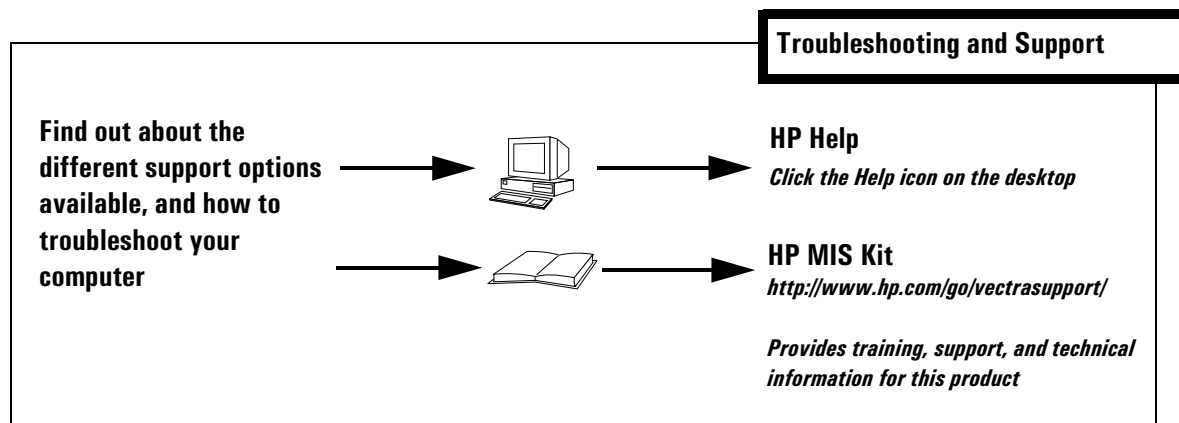
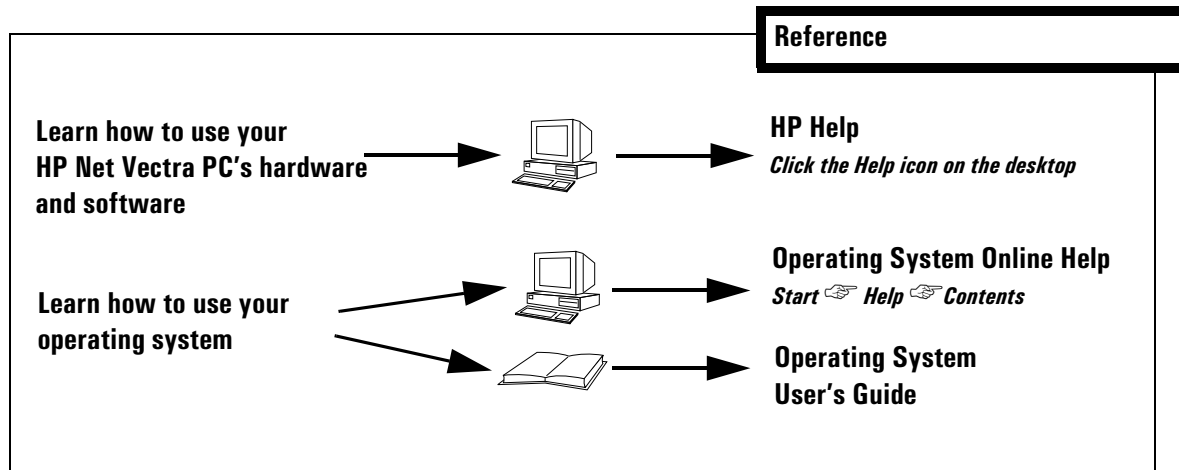
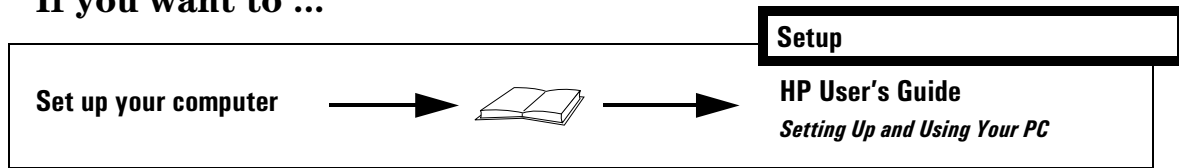
When the PC is turned off with the power button on the front panel, the power consumption falls below 5 Watts, but is not zero. The special on/off method used by this PC considerably extends the lifetime of the power supply. To reach zero power consumption in "off" mode, either unplug the PC from the power outlet or use a power block with a switch.



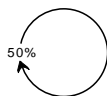


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