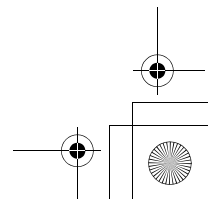
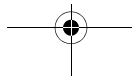
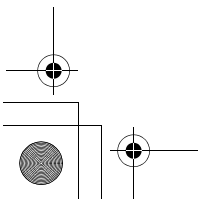
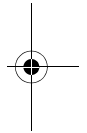
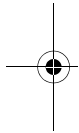


**SONY**

# ***VAIO® Computer Quick Start***



## VAIO Computer Quick Start

### Notice

© 2003 Sony Electronics Inc. Reproduction in whole or in part without written permission is prohibited. All rights reserved. This manual and the software described herein, in whole or in part, may not be reproduced, translated, or reduced to any machine-readable form without prior written approval.

SONY ELECTRONICS INC. PROVIDES NO WARRANTY WITH REGARD TO THIS MANUAL, THE SOFTWARE, OR OTHER INFORMATION CONTAINED HEREIN AND HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH REGARD TO THIS MANUAL, THE SOFTWARE, OR SUCH OTHER INFORMATION. IN NO EVENT SHALL SONY ELECTRONICS INC. BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, WHETHER BASED ON TORT, CONTRACT, OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH THIS MANUAL, THE SOFTWARE, OR OTHER INFORMATION CONTAINED HEREIN OR THE USE THEREOF.

SONY CANNOT WARRANT THAT THE FUNCTIONS DESCRIBED IN THIS GUIDE WILL BE UNINTERRUPTED OR ERROR-FREE. SONY ALSO ASSUMES NO RESPONSIBILITY, AND SHALL NOT BE LIABLE FOR ANY DAMAGES TO, OR VIRUSES THAT MAY INFECT, YOUR COMPUTER EQUIPMENT, OR OTHER PROPERTY ON ACCOUNT OF YOUR ACCESS TO, USE OF, OR BROWSING IN ANY DESCRIBED WEB SITE, OR YOUR DOWNLOADING OF ANY MATERIALS, DATA, TEXT, IMAGES, VIDEO, OR AUDIO FROM ANY DESCRIBED WEB SITE. WEB SITE INFORMATION IS OBTAINED FROM VARIOUS SOURCES AND MAY BE INACCURATE. COPIES OF COPYRIGHTED INFORMATION MAY ONLY BE MADE FOR LEGALLY PERMISSIBLE PURPOSES.

Sony Electronics Inc. reserves the right to make any modification to this manual or the information contained herein at any time without notice. The software described herein is governed by the terms of a separate user license agreement.

This product contains software owned by Sony and licensed by third parties. Use of such software is subject to the terms and conditions of license agreements enclosed with this product. Some of the software may not be transported or used outside the United States. Software specifications are subject to change without notice and may not necessarily be identical to current retail versions.

Certain product(s) included with this computer may include features such as copy protection and content management technology. USE OF THE SOFTWARE PRODUCT(S) REQUIRES AGREEMENT TO APPLICABLE END USER AGREEMENTS AND FULL COMPLIANCE WITH APPLICABLE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and privacy policies will be detailed during initial launch of the software product(s), or upon certain reinstallations of the software product(s), or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).

Updates and additions to software may require an additional charge. Subscriptions to online service providers may require a fee and credit card information. Financial services may require prior arrangements with participating financial institutions.

**Important information for Canadian customers:** Your new VAIO computer includes certain software versions or upgrades, and Internet services or offers that are available to U.S. customers only.

Sony, VAIO, the VAIO logo, Image Station, SonicStage, Click to DVD, DVgate, PictureGear, i.LINK, Memory Stick, and the Memory Stick Logo are trademarks or registered trademarks of Sony.

Intel and Pentium are trademarks or registered trademarks of Advanced Micro Devices. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation. PS/2 is a registered trademark of IBM Corporation.

All other trademarks are trademarks or registered trademarks of their respective owners.



As an ENERGY STAR® Partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

The International ENERGY STAR® Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment such as computers, displays, printers, facsimiles and copiers. Their standards and logos are uniform among participating nations. ENERGY STAR is a U.S. registered trademark of the Environmental Protection Agency.

**Owner's Record**

The model number and serial number are located on the back panel of your Sony VAIO® computer. Record the model and serial number in the space provided here, and keep in a secure location. Refer to the model and serial numbers when you call your Sony Service Center.

Model Number:	
Serial Number:	

**Safety Information and Caution**

Your computer's installed optical drives may vary, depending on the system configuration you have purchased. See the online specification sheet for details on your installed optical drives.

For questions regarding your product or for the Sony Service Center nearest you, visit the Sony Computing Support Web site at <http://www.sony.com/pcsupport>.

**DVD-RW Laser Diode Properties**

<b>Laser Output</b>	29 mW (DVD-Write)	59 mW (CD-Write)
	1.0 mW (DVD-Read)	1.5 mW (CD-Read)
<b>Wave Length</b>	655-660 nm (DVD)	779-789 nm (CD)

**DVD-ROM Laser Diode Properties**

<b>Laser Output</b>	0.45 mW (DVD-Read)	0.23 mW (CD-Read)
<b>Wave Length</b>	640-660 nm (DVD)	770-810 nm (CD)

**CD-RW Laser Diode Properties**

<b>Laser Output</b>	50.0 mW (CD-Write)
	1.0 mW (CD-Read)
<b>Wave Length</b>	779-789 nm (CD)

**CD-ROM Laser Diode Properties**

<b>Laser Output</b>	1.0 mW (CD-Read)
<b>Wave Length</b>	760-810 nm (CD)

---

### *VAIO Computer Quick Start*

- ☐ To prevent fire or shock hazard, do not expose your desktop to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- ☐ Never install modem or telephone wiring during a lightning storm.
- ☐ Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- ☐ Never touch uninsulated telephone wire or terminals unless the telephone line has been disconnected at the network interface.
- ☐ Use caution when installing or modifying telephone lines.
- ☐ Avoid using the modem during an electrical storm.
- ☐ Do not use the modem or a telephone to report a gas leak in the vicinity of the leak.
- ☐ The socket outlet shall be installed near the equipment and shall be easily accessible.



**To change the backup battery, please contact your nearest Sony Service Center.**



**Caution: The use of optical instruments with this product will increase eye hazard. As the laser beam used in this product is harmful to the eyes, do not attempt to disassemble the drive cabinet. Refer servicing to qualified personnel only.**



**Danger: Visible and invisible laser radiation when open. Avoid direct exposure to beam.**



**For DVD-RW: Danger—Visible and invisible laser radiation when open. Avoid direct exposure to beam.**



**For CD-RW/CD-ROM: Danger—Invisible laser radiation when open. Avoid direct exposure to beam.**



**Caution: For ADSL and V.90 modem models; to reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.**

- ☐ Pour prévenir tout risque d'incendie ou d'électrocution, garder cet appareil à l'abri de la pluie et de l'humidité.
- ☐ Pour prévenir tout risque d'électrocution, ne pas ouvrir le châssis de cet appareil et ne confier son entretien qu'à une personne qualifiée.
- ☐ Ne jamais effectuer l'installation de fil modem ou téléphone durant un orage électrique.
- ☐ Ne jamais effectuer l'installation d'une prise téléphonique dans un endroit mouillé à moins que la prise soit conçue à cet effet.
- ☐ Ne jamais toucher un fil téléphonique à découvert ou un terminal à moins que la ligne téléphonique n'ait été débranché de l'interface réseau.
- ☐ Soyez très prudent lorsque vous installez ou modifiez les lignes téléphoniques.
- ☐ Évitez d'utiliser le modem durant un orage électrique.
- ☐ N'utilisez pas le modem ni le téléphone pour prévenir d'une fuite de gaz vous êtes près de la fuite.
- ☐ L'appareil doit être le plus près possible d'une prise murale pour en faciliter l'accès.



**Pour changer la pile de rechange, veuillez contacter votre centre de service Sony le plus près.**



**Avertissement: L'utilisation d'instruments optiques avec ce produit augmente les risques pour les yeux. Puisque le faisceau laser utilisé dans ce produit est dommageable pour les yeux, ne tentez pas de désassembler le boîtier. Adressez-vous à un agent de service qualifié.**



**Danger: Radiation laser visible et invisible si ouvert. Évitez l'exposition directe au faisceau.**



**Pour les DVD-RW: Danger—Radiation laser visible et invisible si ouvert. Évitez l'exposition directe au faisceau.**



**Pour les CD-RW/CD-ROM: Danger—Radiation laser invisible si ouvert. Évitez l'exposition directe au faisceau.**



**Attention: Pour ADSL et V.90 modele modem; afin de réduire les risques d'incendie, n'utilisez qu'un cordon de communication NO. 26 AWG ou plus gros.**

## VAIO Computer Quick Start

### Regulatory Information

#### Declaration of Conformity

Trade Name:	SONY
Model No.:	PCV-2200 / PCV-2210
Responsible Party:	Sony Electronics Inc.
Address:	680 Kinderkamack Rd Oradell, NJ 07649
Telephone:	201-930-6972

This phone number is for FCC-related matters only.

This device complies with Part 15 of the 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.

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 try 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Only peripherals (computer input/output devices, terminals, printers, etc.) that comply with FCC Class B limits may be attached to this computer product. Operation with noncompliant peripherals is likely to result in interference to radio and television reception.

All cables used to connect peripherals must be shielded and grounded. Operation with cables, connected to peripherals, that are not shielded and grounded, may result in interference to radio and television reception.

#### FCC Part 68

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the modem card is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

This modem uses the USOC RJ-11 telephone jack.

A telephone plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. The REN is used to determine the quantity of devices which may be connected to the telephone line.

Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g. 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operations of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact the Sony Customer Information Service Center at 1-888-4-SONY-PC (1-888-476-6972), or write to the Sony Customer Information Center, 12451 Gateway Blvd., Fort Myers, FL 33913, or find Sony Customer Service on the Web at <http://www.sony.com/pcsupport>. If this equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment from the network until the problem is resolved.

Repair of this equipment should be made only by a Sony Service Center or Sony authorized agent. For the Sony Service Center nearest you, call 1-888-4-SONY-PC (1-888-476-6972), or visit the Sony Computing Web site at <http://www.sony.com/pcsupport>.

Connection to Party Line Service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Please use a surge arrester against electrical surges.

### ***Telephone Consumer Protection Act of 1991 (United States)***

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains, in 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 and an identification of the business, other entity, or individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long distance transmission charges.)

In order to program this information into your facsimile machine, see your fax software documentation.

### ***Telephone Consumer Guidelines (Canada)***

Please refer to your telephone directory under 'Privacy Issues' and/or 'Terms of Service.' For more detailed information, please contact:

**CRTC**  
**Terrasses de la Chaudière**  
**Tour centrale 1 promenade du Portage**  
**5 étage Hull PQ K1A 0N2.**


This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## VAIO Computer Quick Start

### Disposal of Lithium Battery

You can return your unwanted lithium batteries to your nearest Sony Service Center or Factory Service Center.

 In some areas, the disposal of lithium batteries in household or business trash may be prohibited.

For the location of the Sony Service Center nearest you, visit the Sony Computing Support Web site at <http://www.sony.com/pcsupport>.



**Do not handle damaged or leaking lithium batteries.**

**Ne pas manipuler les batteries au lithium qui fuient ou sont endommagées.**



**Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.**

**Une batterie non conforme présente un danger d'explosion. La remplacer seulement par une batterie identique ou de type équivalent recommandé par le fabricant. Évacuer les batteries usées selon les directives du fabricant.**



**The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 212°F (100°C), or incinerate. Dispose of used battery promptly. Keep away from children.**

**La manutention incorrecte du module de batterie de cet appareil présente un risque d'incendie ou de brûlures chimiques. Ne pas démonter, incinérer ou exposer à une température de plus de 100°C. Évacuer promptement la batterie usée. Garder hors de portée des enfants.**

### Industry Canada Notice

This equipment meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number (REN) is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed 5.

### Avis de L'Industrie Canada

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

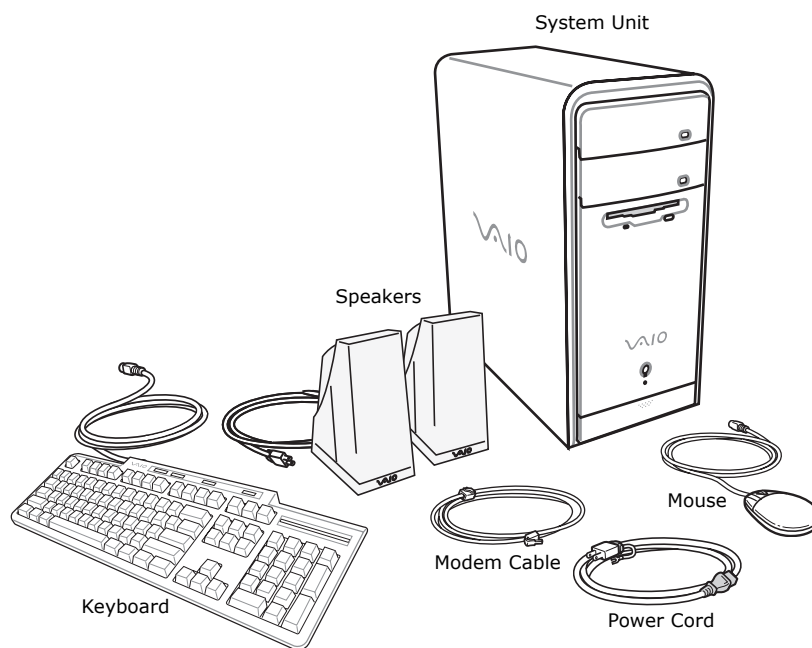


# GETTING STARTED

## Unpacking Your Computer

Your computer may not be supplied with all of the accessories shown, depending on the system configuration you purchased. For details on the accessories supplied with your computer, see the online *Specifications* sheet.

### Computer and supplied accessories



**Handle the system unit carefully while lifting, holding the unit from the bottom only. Do not attempt to carry the unit by using the floppy disk drive as a holding point.**

---

## VAIO Computer Quick Start

### Manuals

- ❑ **VAIO® Computer Quick Start** — Provides basic information on setting up and registering your computer. The Quick Start also provides resources for technical support, safety guidelines and owner's information.
- ❑ **Microsoft® Windows® XP Guide** — Explains how to use the basic features of the latest Windows operating system.

### Online Documentation

- ❑ **VAIO® Computer User Guide** — Contains information on the hardware and preinstalled software applications included with your system.

To access the online manual:

- 1 Click **Start** in the Windows taskbar, then click **Help and Support**.
- 2 From the VAIO Help and Support Center menu, click **VAIO User Guide**.

- ❑ **Creating DVDs** — (For models equipped with a DVD-RW drive) This online guide provides information designed to help you become familiar with your DVD-RW drive and the DVD recording software included with your computer.

To access this online information:

- 1 Click **Start** in the Windows taskbar, then click **Help and Support**.
- 2 From the VAIO Help and Support Center menu, click **Creating DVDs**.

- ❑ **Specifications** — This online specification sheet describes the hardware and software configuration of your VAIO computer.

To access this online information:

- 1 Click **Start** in the Windows taskbar, then click **Help and Support**.
- 2 From the VAIO Help and Support menu, click **VAIO User Guide**.
- 3 Click the **Welcome** link. Locate the link in the text, "View the VAIO® Computer Specifications..."

### Other

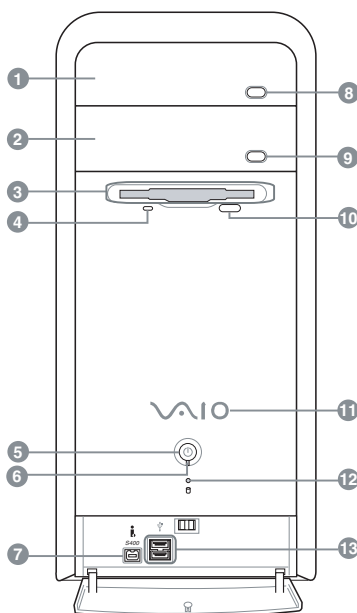
Software Library containing the Microsoft software license agreement and Sony end-user license agreement.

## Locating Controls and Ports

### About the Front Panel

The front panel of your VAIO® Computer enables access to the optical and floppy disk drives. It also includes access to the Universal Serial Bus (USB) and i.LINK® ports that enable you to connect compatible peripheral devices.

#### Front panel



- 
- 1 Optical drive 1**  
See the online specifications sheet for optical drive information.
- 
- 2 Optical drive 2**  
See the online specifications sheet for optical drive information.
- 
- 3 Floppy disk drive**  
Reads and writes data from and to a 3.5-inch floppy disk.
-

---

**VAIO Computer Quick Start**

---

- |           |   |
|-----------|---|
| <b>4</b>  | <b>Floppy disk drive access indicator</b><br>Light is green while reading and writing data from and to a floppy disk.                           |
| <b>5</b>  | <b>Power button</b><br>The power button turns the computer on/off.  |
| <b>6</b>  | <b>Stand by indicator</b><br>Light is amber when the computer is in Stand by mode.  |
| <b>7</b>  | <b>i.LINK 4-pin S400 port (IEEE 1394)</b><br>Connection for a compatible digital device.  |
| <b>8</b>  | <b>Optical drive 1 eject button</b><br>Ejects a disc from Optical drive 1.  |
| <b>9</b>  | <b>Optical drive 2 eject button</b><br>Ejects a disc from Optical drive 2.  |
| <b>10</b> | <b>Floppy disk eject button</b><br>Ejects a floppy disk.  |
| <b>11</b> | <b>Power indicator (VAIO)</b><br>Light is blue when the computer is on. The light turns off when the computer is in Standby mode or turned off. |
| <b>12</b> | <b>Hard disk drive and optical disc drive access indicator</b><br>Light is amber while reading or writing data.                                 |
| <b>13</b> | <b>Universal Serial Bus (USB 2.0) ports (2)</b><br>Connections for compatible high/full/low-speed USB devices.                                  |

**Additional information**

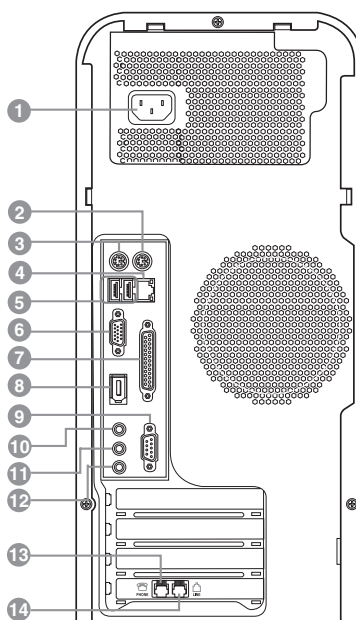
Your computer is equipped with two optical disc drives that have a drive eject button on the drive door.


- ☐ After pushing the eject button, wait for the drive to stop reading the disc. It may take a few moments for the drive tray to eject.
- ☐ To close the optical drive, gently push the drive tray in. Do not force the tray or door, or handle roughly.
- ☐ After closing the drive door, wait a few moments for the drive to begin reading the disc.

## About the Back Panel

The back panel of your computer contains the ports for supplied and optional accessories. The icons on the back panel locate and identify the ports and jacks on your computer. Your system's connections may vary, based on the system configuration purchased.

### Back panel




- |   |  |
|---|--|
| 1 | <b>AC Input port</b><br>Connection for the supplied power cord.  |
| 2 | <b>Mouse port</b><br>Connection for a PS/2® mouse.   |
| 3 | <b>Keyboard port</b><br>Connection for a PS/2® keyboard.   |
| 4 | <b>Ethernet port</b><br>Connection for a 10BASE-T/100BASE-TX Ethernet interface. (The port marked with  (Network) is for LAN connections only.) |

---

*VAIO Computer Quick Start*

---

- 
- |           |  |
|-----------|--|
| <b>5</b>  | <b>Universal Serial Bus (USB 2.0) ports (2)</b><br>Connections for compatible high/full/low-speed USB devices. |
| <hr/>     |  |
| <b>6</b>  | <b>Monitor port</b><br>Connection for a display.   |
| <hr/>     |  |
| <b>7</b>  | <b>Printer port</b><br>Connection for a parallel device, such as a printer or scanner.                         |
| <hr/>     |  |
| <b>8</b>  | <b>i.LINK 6-pin S400 port (IEEE 1394)</b><br>Connection for a compatible digital device.                       |
| <hr/>     |  |
| <b>9</b>  | <b>Serial port</b><br>Connection for a compatible serial device, such as a digital still camera.               |
| <hr/>     |  |
| <b>10</b> | <b>Headphones jack</b><br>Connection for the supplied speakers or optional headphones.                         |
| <hr/>     |  |
| <b>11</b> | <b>Line In jack</b><br>Connection for an audio device.   |
| <hr/>     |  |
| <b>12</b> | <b>Microphone jack</b><br>Connection for a microphone (optional).  |
| <hr/>     |  |
| <b>13</b> | <b>Telephone jack</b><br>Connection for a telephone cable (optional) to the computer.                          |
| <hr/>     |  |
| <b>14</b> | <b>Modem line jack</b><br>Connection for the modem cable to a telephone's wall jack.                           |
- 

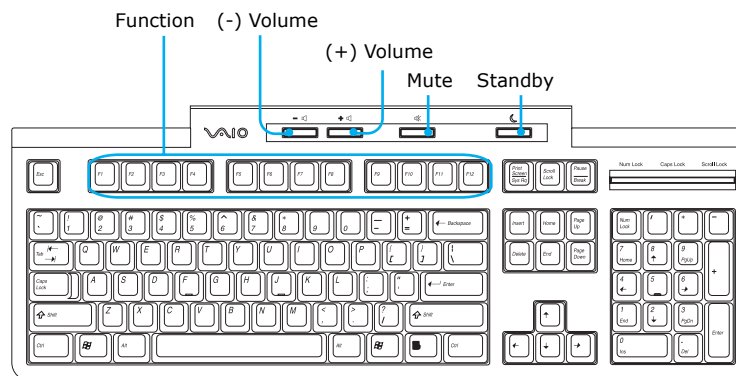
 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other.

Please refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK devices to your system, such as an optical or hard disk drive, confirm their operating system compatibility and required operating conditions.

## About the Keyboard

Your VAIO® keyboard uses a standard key arrangement with additional keys that perform specific functions.

### VAIO Keyboard

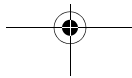
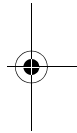
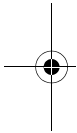


KEY	DESCRIPTION
<b>Function</b>	The 12 function keys along the top of the keyboard are used to perform certain tasks. The task associated with each function key may vary from one application to the next.
<b>Volume Control</b> = 🔊 + 🔊	Press a button to increase (+) or decrease (-) the volume of the speakers.
<b>Mute</b> 🔊	Press the button to turn off the speaker sound. Press the Mute button again to restore sound.
<b>Standby</b> 🌙	Press the button to place the computer in Standby mode. Press the computer's power button or any key briefly, to resume normal operation.



---

*VAIO Computer Quick Start*






# Setting Up Your Computer

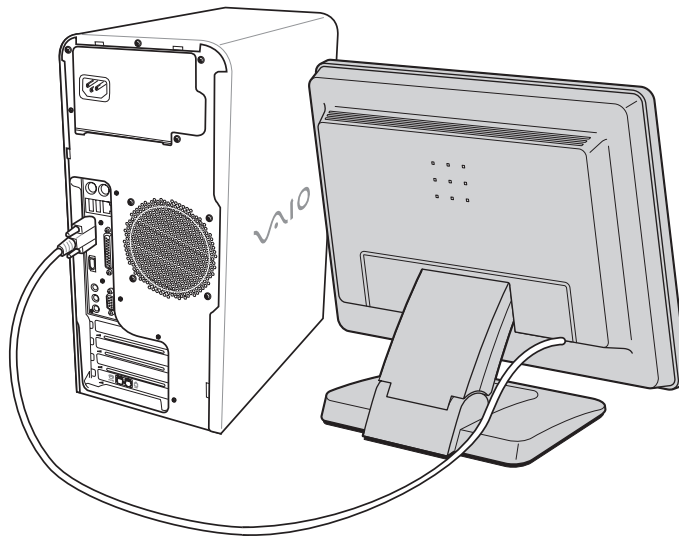
*Your computer may not be equipped with all of these hardware features and the location of the controls, ports, and jacks may vary from the illustrations shown in this section. See the online specifications sheet for your system's configuration.*


## Connecting a Display (Monitor)

Plug the display's cable into the Monitor port.

 If necessary, plug the display's cable into the back of the display.

*To connect a display*



 Install your equipment so that you can easily reach the power outlet in the event of an emergency.

---

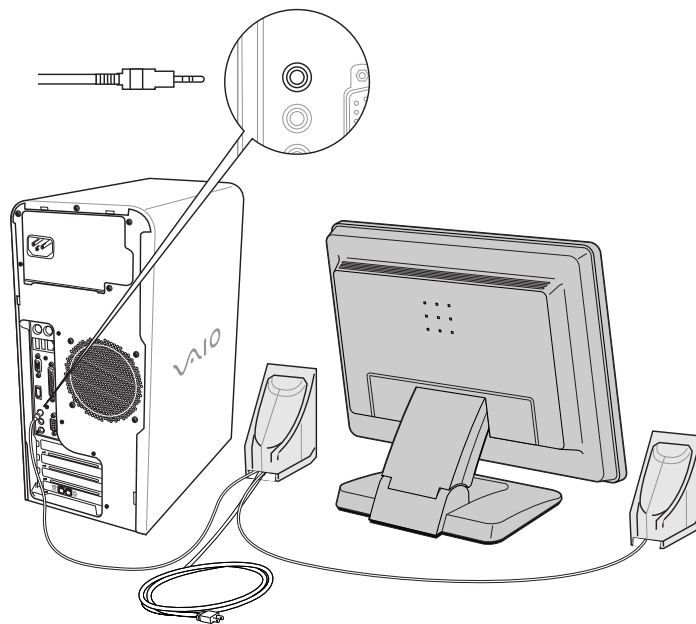
*VAIO Computer Quick Start*

## ***Connecting the Speakers***

The right and left speakers are attached. The right speaker has a speaker wire that ends in a jack connector and an AC cord that supplies power to both speakers.

- 1 From the right speaker, plug the jack connector into the Headphones jack located on the back panel of your computer.
- 2 From the right speaker, insert the AC adapter plug into a grounded AC wall outlet or surge suppressor.

### ***To connect the speakers***



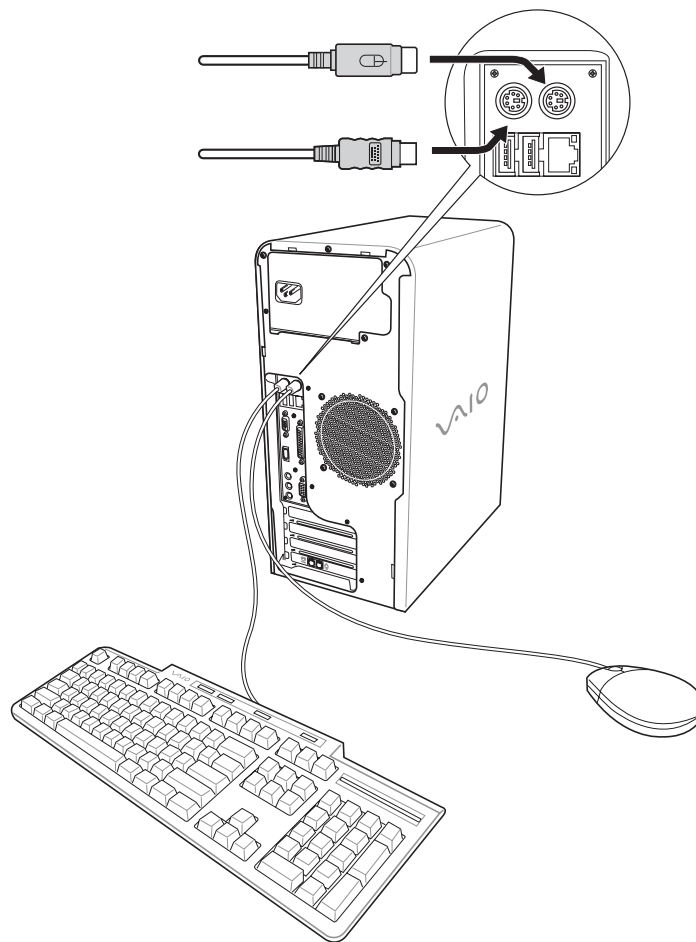
---

*Connecting the Keyboard and Mouse*

## ***Connecting the Keyboard and Mouse***

- 1 Plug the keyboard cable into the keyboard port on the back of the computer.
- 2 Plug the mouse cable into the mouse port on the back of the computer.

*To connect the keyboard and mouse*



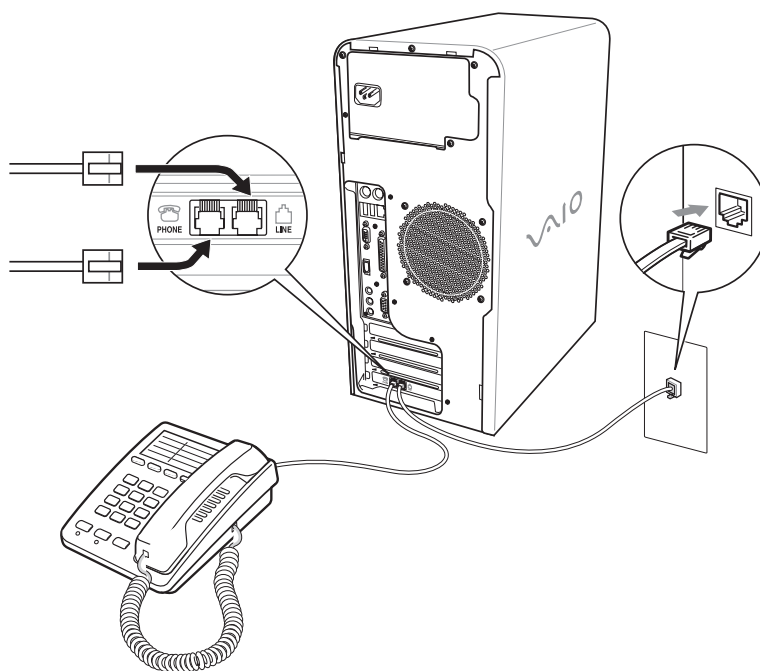
---


*VAIO Computer Quick Start*

## ***Connecting the Telephone and Modem Cables***

- 1 Unplug your telephone from the wall jack and plug its cable into the telephone jack located on the back panel of your computer.
- 2 Plug the modem cable (supplied) into the modem line jack located on the back panel of your computer.
- 3 Plug the other end of the modem cable into the wall jack.

*To connect the telephone and modem cables*

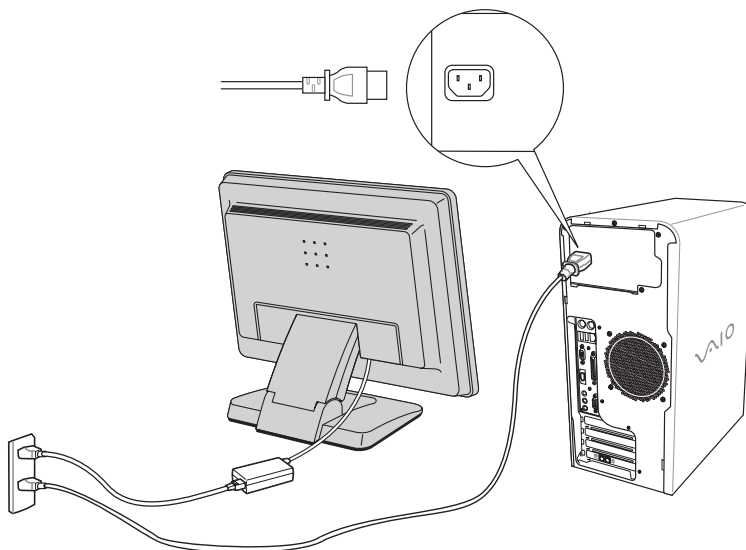


**Your computer has a protective sticker  covering the Ethernet port located on the rear panel. Connect only 10BASE-T and 100BASE-TX cables to the Ethernet port. Using other cables or a telephone cable may result in an electric current overload that can cause a malfunction, excessive heat, or fire in the Ethernet port. For help on connecting to a network, see your network administrator.**

## ***Connecting the Power Cords***

- 1 Plug the power cord connector into the AC Input port, located on the back panel of the computer.
- 2 Plug both the display and computer power cords into a grounded AC wall outlet or a power strip.

### ***To connect the power cords***



---

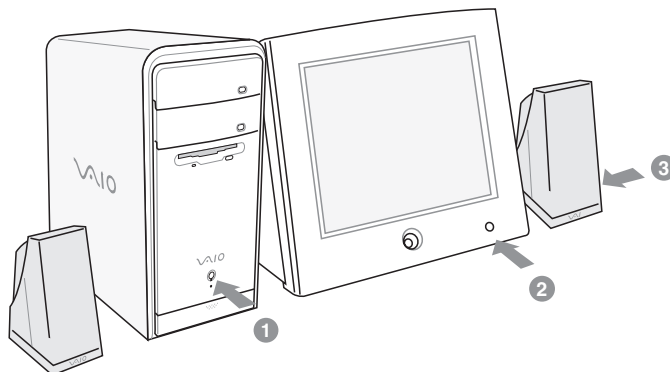
## VAIO Computer Quick Start

### Turning On Your Computer

When you start your system for the first time, your computer may detect new equipment and display a dialog box that prompts you to restart your computer. Respond to this prompt immediately.

- 1 Press the power button on the computer to turn on the power.
- 2 Press the power button on the display to turn on the power.
- 3 Press the power button, located on the side of the right speaker, to turn on the power.


*To turn on your computer*



### Registering your Computer

Take advantage of Sony's commitment to quality customer support and receive these benefits by registering your computer:

- ☐ **Sony Customer Support** — Communicate with a Support Representative to troubleshoot problems you may be having with your computer.
- ☐ **Limited warranty** — Protect your investment. See the Warranty Card for more details.

 You are prompted to register your computer the first time you turn on the unit. Follow the on-screen instructions to complete the registration process. If you are not able to register your computer during the first session, you are provided with additional registration opportunities later.

# Troubleshooting

## ***My computer does not start.***

- ☐ Verify that the computer is plugged into a power source and that it is turned on. Check that the power indicator is lit on the front panel of the computer.
- ☐ Confirm that a disk is not in the floppy disk drive (unless you are using a bootable floppy disk).
- ☐ Confirm that a CD is not in an optical drive (unless you are using a bootable CD).
- ☐ Confirm that the power cord and all cables are connected firmly.
- ☐ If you plugged the computer into a power strip or Uninterruptible Power Supply (UPS), make sure the power strip or UPS is turned on and working.
- ☐ Verify that the monitor is plugged into a power source and turned on.  
If your system has a built-in monitor, confirm that it is plugged into an appropriate power source and that the system is turned on.
- ☐ Verify that the brightness or contrast control dials are adjusted correctly. (See the manual that came with your display for details.)
- ☐ Confirm that the computer is not in stand by mode.

## ***Why did my computer or software stop responding?***

You can try to locate and close the software application that has stopped responding.

- 1 Press the **Ctrl+Alt+Delete** keys. The Windows Task Manager window appears.
- 2 From the Applications tab, locate the application that has the status message, **"Not responding."**
- 3 Select the application that has a Not Responding status and click **End Task**. Windows attempts to close the application.

If your computer does not respond or the application does not close, try the following steps:

- 1 Save any open files, if possible.
- 2 Press the **Alt+F4** keys. The Turn Off Computer window appears.

---

### *VAIO Computer Quick Start*

#### **3 Click Restart.**

If your computer still does not respond and you cannot restart, shut down your computer by pressing and holding the power button for more than six seconds.

If the software application continues to be nonresponsive or causes your computer to stop responding, contact the software publisher or designated technical support provider.



**Pressing and holding the power button for more than six seconds, may result in the loss of data from files that are currently open.**

#### ***How do I use the System Restore feature in Windows XP?***

System Restore is a feature of the Microsoft® Windows® XP operating system that enables you to restore your computer to a previous state, if a problem occurs. System Restore provides the following support:

- ☐ Restores your system to a previous state.
- ☐ Restores without erasing your personal data files.
- ☐ Creates restore points daily and when software applications or utilities are installed.
- ☐ Maintains storage of one to three weeks of past restore points.
- ☐ Enables you to create your own custom restore points.
- ☐ Locates the dates associated with the restore points.
- ☐ Performs restorations that are reversible.
- ☐ Enables different types of restore points.

#### ***To Use the System Restore Wizard***


- 1** Click **Start** in the Windows® taskbar and click **Help and Support**. The VAIO Help and Support window appears.
- 2** Under **Pick a Help topic**, click **Performance and maintenance**.
- 3** Under **Performance and maintenance**, click **Using System Restore** to undo changes. A submenu appears on the right.
- 4** Under **Pick a task**, click **Run the System Restore Wizard**. The System Restore wizard dialog box appears.
- 5** Follow the on-screen instructions to restore your system or create a custom restore point.




# Recovering your Software

## Creating a Recovery Startup CD

A recovery startup CD can be used to start your computer in the event your system is unable to start normally. Sony recommends creating a recovery startup CD when you begin using your machine.

 If you have previously created a recovery startup CD, the VAIO Recovery Startup CD Wizard icon is not visible in the Windows® Taskbar Notification area. Go to “Using the VAIO Recovery Wizard” on page 29, for information on accessing the VAIO Recovery Startup CD Wizard.

### To create a recovery startup CD

- 1 Double click , located in the Windows® Taskbar Notification area. The VAIO Recovery Startup CD Wizard appears.


#### VAIO Recovery Startup CD Wizard (main window)



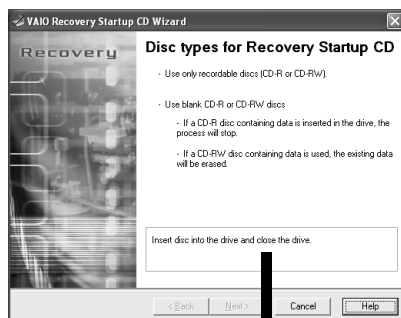
---

### *VAIO Computer Quick Start*

- 2 Click **Next**. Follow the on-screen instructions that advise you to
  - ☐ close all open software programs.
  - ☐ disconnect from the Internet.
  - ☐ disable the screensaver. (See “To disable the screen saver” on page 28)
  - ☐ avoid connecting or disconnecting peripheral equipment, such as a USB or i.LINK® device.
- 3 Click **Next**. You are prompted to insert a blank CD-R or CD-RW disc into the upper optical drive. Close the drive.

 Sony recommends using a blank CD-R disc. If you use a CD-RW disc containing data, the data is deleted. The media may not eject automatically at the end of the recovery startup CD creation. If this occurs, use the drive eject button to remove the recovery startup CD.

### *Disc types for Recovery Startup CD*



Blank CD-R disc detected. Click Next to continue.

- 4 When the blank CD-R or CD-RW disc is detected and approved, click **Next**. The recovery startup CD process begins.

A window with a progress bar appears.

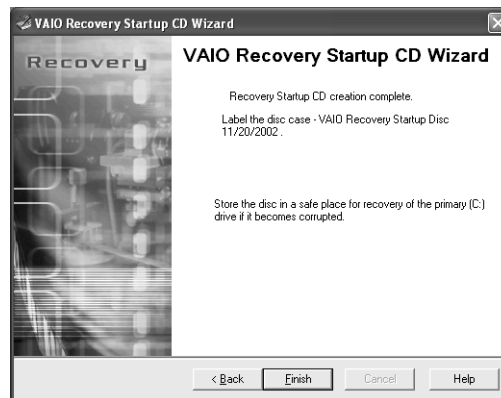


**Do not attempt to open another software application or use your system in any way during the Recovery Startup CD creation process.**

---

*Creating a Recovery Startup CD****VAIO Recovery Startup CD Wizard (Status)***

- 5 When the message, “**The VAIO Recovery Startup CD is complete**”, is displayed, click **Next**.
- 6 Follow the on-screen instructions to properly label your Recovery Startup CD and store it in a safe place. Click **Finish**.

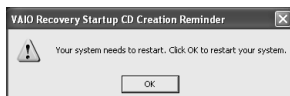
***VAIO Recovery Startup CD Wizard (Label CD)***

---

## *VAIO Computer Quick Start*

- 7 You are prompted to restart your system. Click **OK**.


### *VAIO Recovery Startup CD Wizard (Restart system)*



### *To use the recovery startup CD*

If your system becomes unstable and you cannot access the Windows® operating system, you can use the recovery startup CD to start the computer.

- 1 With your computer turned on, place the recovery startup CD in an optical drive.
- 2 Close the optical drive and turn off your computer.
- 3 Wait approximately 30 seconds, then turn the computer on. The VAIO System Recovery Utility begins.
- 4 After the system recovers, remove the recovery startup CD from the drive. Click **Finish**.

 Some recovery options are not available if you use the recovery startup CD to start your computer.

### *To disable the screen saver*

- 1 Right click on the Windows® desktop. From the shortcut menu, select **Properties**.
- 2 From the Display Properties window, select the **Screen Saver** tab.
- 3 In the Screen saver area, open the drop-down list box and select **(None)**. Click **Apply**.
- 4 Click **OK**.

## Using the VAIO Recovery Wizard

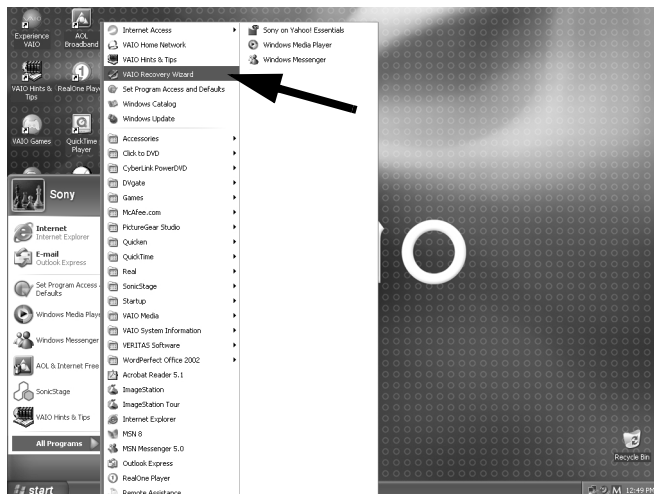
A system or application recovery may become necessary if your computer becomes unstable or the operating system and original software stops working properly. Using the VAIO® Recovery Wizard utility may require you to restart your system, even if you cancel and exit the wizard.



**Your system's data is not retained during the system recovery process. Perform a full backup of your system's data to external media before continuing with the system recovery process.**

- 1 Click **Start** in the Windows® taskbar, point to **All Programs**, and click **VAIO Recovery Wizard**. The VAIO Recovery Wizard appears.

### Locating the VAIO Recovery Wizard

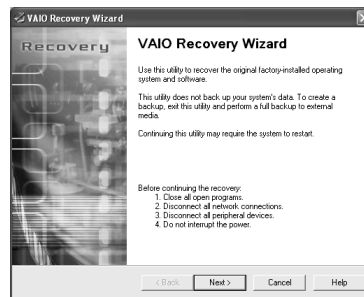


## VAIO Computer Quick Start

### 2 Follow the on-screen instructions that advise you to:

- ☐ Close all open software programs.
- ☐ Disconnect from the Internet.
- ☐ Disable the screen saver. (See “To disable the screen saver” on page 28)
- ☐ Avoid connecting or disconnecting peripheral equipment, such as a USB or i.LINK® device.
- ☐ Maintain power to the system during the recovery process.

### VAIO Recovery Wizard (main window)



### 3 Click **Next**. You are prompted to create a Recovery Startup CD.

### Create Recovery Startup CD window

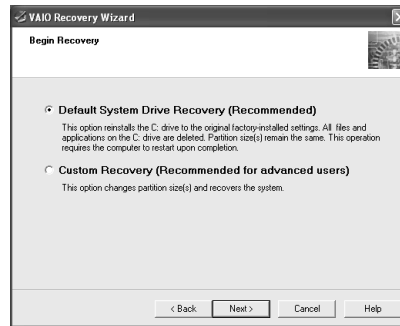


 If you have not created your Recovery Startup CD, select the option, **Create Recovery Startup CD** and click **Next**. For more information, see “Creating a Recovery Startup CD” on page 25

---

*Using the VAIO Recovery Wizard*

- 4 If you have already created a Recovery Startup CD, select the option, “**I have already created the Recovery Startup CD**” and click **Next**. The Begin Recovery window appears.

***Begin Recovery window***


- 5 Select the appropriate recovery option.

***Default System Drive Recovery (Recommended)***

Your computer's drive C is restored to the original factory-installed settings. All data on drive C is deleted. Data on other drive partitions or other hard disk drives are not changed.



**The system recovery process cannot be interrupted once it has been started. Do not attempt to use your computer in any way during the recovery process.**

- 1 Select the option, “**Default System Drive Recovery (Recommended)**” and click **Next**.
- 2 Read the on-screen information and click **Next**.
- 3 To begin the Default System Drive Recovery process, click **Finish**. Your system restarts and begins the system recovery.



Using the Recovery Wizard utility may require you to restart your system, even if you cancel and exit the wizard.


Several screens appear before the first VAIO System Recovery Utility window starts. The initial system recovery utility window displays a progress bar showing elapsed recovery time.

## VAIO Computer Quick Start

The recovery process takes approximately 6 minutes.

4 After the progress bar shows all tasks as **Completed**, click **Next**.

5 Click **Finish** to restart your computer.

 After recovering, your system may take a few moments to restart and resume normal operation.

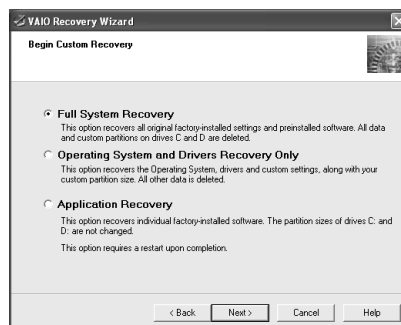
### **Custom Recovery (Recommended for advanced users)**

You can customize the recovery of your system. This advanced recovery process enables you to select partition size settings or recover specific software. The VAIO Recovery Wizard recovers the factory-installed operating system and software only.

1 Select the option, “**Custom Recovery (Recommended for advanced users)**” and click **Next**.


The Begin Custom Recovery window appears.

#### **Begin Custom Recovery window**



2 Select one of three options:

- ☐ **Full System Recovery:** Recovers all original factory-installed settings and software. Data on drives C and D are deleted.
- ☐ **Operating System and Drivers Recovery Only:** Recovers the operating system and drivers. Data on drives C and D are deleted.

 Certain software, such as DVgate™ software, automatically saves data to the drive D partition. If you choose not to have a drive D partition, change the software settings to enable file saving to a location on drive C.



## Using the VAIO Recovery Wizard

- ❑ **Application Recovery:** Recovers factory-installed software without changing the drive C and drive D partition sizes. If you select this option, you cannot return to the system recovery portion of the VAIO Recovery Wizard without restarting your computer.

### Full System Recovery

- 1 Select the option, **Full System Recovery** and click **Next**.

In the section, **Current Partition Information**, the current partition size settings for your system are displayed.


In the section, **New Partition Information**, the pie chart shows the division of the hard disk according to your partition size selections.

### Begin Custom Recovery window (Custom partition options)



- 2 Select a size for the drive C partition, using the dropdown list. Click **Next**.

Drive D partition size is the remaining hard disk space that is not allocated to Drive C. The Recovery Drive size remains at 5 Gigabytes (GB).

 The size of the partition identified as the Recovery Drive (5 GB) cannot be changed and is not available for use. This dedicated portion of your hard disk drive enables the recovery of your system.

- 3 Read the on-screen information and click **Next**.
- 4 Click **Finish** to start the system recovery process. Your system restarts.



**The system recovery process cannot be interrupted once it has been started. Do not attempt to use your computer in any way during the recovery process.**


---

### *VAIO Computer Quick Start*

Several screens appear before the first VAIO System Recovery Utility window starts. The initial system recovery utility window displays a progress bar showing elapsed recovery time.

The recovery process takes approximately 6 minutes.

- 5 After the progress bar shows all tasks as **Completed**, click **Next**.
- 6 Click **Finish** to restart your computer.

 After recovering, your system may take a few moments to restart and resume normal operation.

### ***Operating System and Drivers Recovery Only***


- 1 Select the option, **Operating System and Drivers Recovery Only** and click **Next**.

In the section, **Current Partition Information**, you can see the current partition size settings for your system.

In the section, **New Partition Information**, the pie chart shows the division of the hard disk according to your partition size selections.

- 2 Select a size for the drive C partition, using the dropdown list. Click **Next**.

Drive D partition size is the remaining hard disk space that is not allocated to Drive C. The Recovery Drive size remains at 5 Gigabytes (GB).

 The size of the partition identified as the Recovery Drive (5 GB) cannot be changed and is not available for use. This dedicated portion of your hard disk drive enables the recovery of your system.

- 3 Read the on-screen information and click **Next**.
- 4 Click **Finish** to start the system recovery process. Your system restarts and begins the system recovery.



**The system recovery process cannot be interrupted once it has been started. Do not attempt use your computer in any way during the recovery process.**


Several screens appear before the first VAIO System Recovery Utility window starts. The initial system recovery utility window displays a progress bar showing elapsed recovery time.

## Using the VAIO Recovery Wizard

The recovery process takes approximately 6 minutes.

5 After the progress bar shows all tasks as **Completed**, click **Next**.

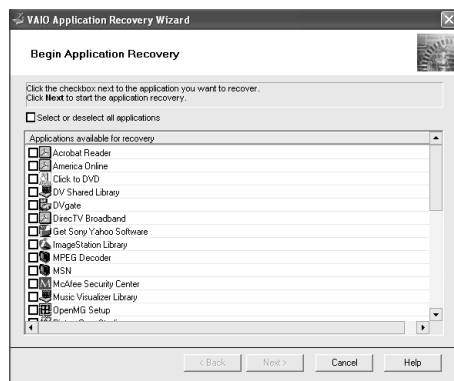
6 Click **Finish** to restart your computer.


 After recovering, your system may take a few moments to restart and resume normal operation.

### Application Recovery

1 Select the option, **Application Recovery** and click **Next**. The VAIO Application Recovery Wizard appears (Begin Application Recovery window).

#### Begin Application Recovery (main window)



 If you select the Application Recovery option, you cannot return to the system recovery portion of the VAIO Recovery Wizard without restarting your computer.

2 Click the checkbox for each software application you want to recover. You may need to use the scrollbar to view all available software. Click **Next**.

 You can select the checkbox, **Select or deselect all applications**, if you wish to recover all available software. The Application Recovery utility recovers the original, factory-installed software only.

---

### *VAIO Computer Quick Start*

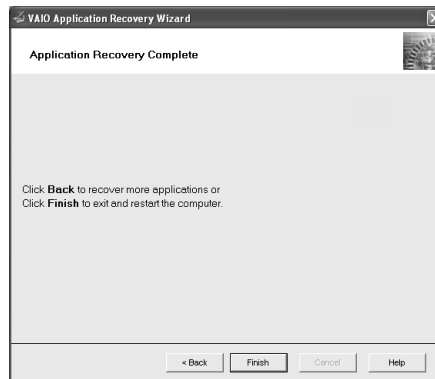
- 3 As your system prepares to install each application, a status indicator appears. You may see installation wizards, messages, and prompts. Follow the instructions provided in each wizard, and respond to each prompt or message.

#### *Application Recovery in progress window*




- 4 When the selected software applications have been recovered, the Application Recovery Complete window appears.

#### *Application Recovery Complete window*



- 5 Click **Back**, if you wish to recover more applications. The VAIO Application Recovery Wizard main window is displayed again, with a listing of the available software applications.
- 6 Click **Finish**. The Application Recovery process is completed and your system restarts.

 If your recovered software does not function properly, or you see an installation error message, try recovering the software again.


***To order the Partition Recovery CD Assembly***

The VAIO Recovery Wizard is a quick and easy way to repair your computer's operating system or original software, if they become unstable or stop working properly.

If your hard drive loses its partitions and you are not able to restore your system using the instructions provided here, you can order a Partition Recovery CD Assembly (PRCD ASSY) to restore your system.

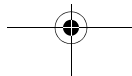
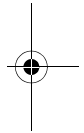
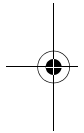
To order the Partition Recovery CD Assembly:

- 1 Go to the Sony Direct Accessories and Parts Center Web site at <http://servicesales.sel.sony.com>.
- 2 In the Search by type section, enter the part number, **A8113809A**. Click **Retrieve Part Info**. The Item Information window appears.
- 3 Verify the part number, item description, and availability. Click **Continue to Check Out**, to purchase the PRCD Assembly.

 If you are not able to access the Sony Direct Accessories and Parts Center Web site, contact a customer service representative at 1-800-488-7669.

***Additional Information***

- ☐ Certain software, such as DVgate™ software, automatically saves data to the drive D partition. If you choose not to have a drive D partition, change the software settings to enable file saving to a location on drive C.
- ☐ If you perform an individual recovery of Click to DVD™ software, you must also recover the CyberLink® software.



# *Support Options*

## ***Contacting Sony for Help and Support***

If the information provided with your VAIO® computer does not provide an immediate solution, or you would like to get direct support, contact Sony online.

### ***Sony Computing Support Web site***

Online help and support are available 24 hours a day, seven days a week, when you visit the Sony Computing Support Web site. You can access the Web site at **<http://www.sony.com/pcsupport>**.

The Sony Computing Support Web site provides

- ☐ Information about your specific model computer.
- ☐ An automated tutorial library that contains interactive, easy-to-understand lessons on using your computer's hardware and software features.
- ☐ Links that enable you to
  - 1 quickly find the nearest Sony service center locations.
  - 2 arrange for repairs or check repair status.
  - 3 review warranty information.
  - 4 e-mail your question or comments to the Sony Customer Information Services Center.
  - 5 check pricing and availability for products, accessories and parts, as well as purchase online.
  - 6 access the Sony Solutions Knowledge Base, a database that contains answers to many frequently asked questions.

