

Microsoft® Windows® XP Installation

How to Install the Microsoft® Windows® XP Operating System and VAIO® Applications



The following instructions guide you through installing your own copy of the Microsoft® Windows® XP Home or Professional Edition operating system and then installing Sony VAIO® software programs onto the new operating system installation.

CAUTION: These instructions will alter or delete your existing installation of Windows XP and may delete your personal data files. Back up any important data before proceeding with this installation.

CAUTION: These instructions are provided only as guidelines and are not intended for novice users. Proceed at your own risk. Sony is not liable for any data loss or damage to your computer that may result from following these instructions.

Before Installing

Installing Windows XP requires that you own a licensed copy of the Windows XP Home Edition or Windows XP Professional Installation CD.

CAUTION: If a Windows XP Service Pack is installed as part of your computer's current operating system configuration, the new operating system you are installing must already contain at least the same or a higher version of Windows XP Service Pack.

Before installing Windows XP, complete the following tasks:

Create a Recovery Media Kit (a set of system restore CDs or DVDs) using the VAIO® Recovery Wizard provided on the computer's original factory-installed image.

If your computer does not have the ability to create the discs or if you are unable to locate the original restore discs that shipped with some VAIO computers, contact Sony at 1-800-488-SONY (7669) or visit the Sony Direct Accessories and Parts Center Web site (<http://servicesales.sel.sony.com/>) to purchase a set of system restore CDs or DVDs.

Download driver updates (for the original factory-installed software) for your computer model from the Sony eSupport Web site at <http://www.sony.com/pcsupport>.

Check the Updates section for any drivers that may be newer than the original factory-installed drivers. Burn these newer drivers to a CD-R or CD-RW disc. Write down the description of each driver package for future reference.

Note: *You may be able to store the driver packages on a hard disk drive partition instead, as long as, during the installation of Windows XP, you choose not to remove the hard disk partition on which you are storing the drivers. If, however, you choose to create new partitions while installing Windows XP, all data on the hard disk drive, including the stored driver packages, will be deleted.*

Download the Sony Shared Library, which is listed as one of the original shipping drivers on Sony's Online Support Web site. The Sony Shared Library is required to install VAIO applications. Store the Sony Shared Library with the other updated drivers, either on a CD-R or CD-RW disc or on a hard disk drive partition that will be retained through the installation of Windows XP. If you choose to create new partitions while installing Windows XP, all data on the hard disk drive, including any stored driver packages, will be deleted.

If your computer shipped with RAID configuration, please follow the RAID Setup and Configuration for Clean Install section below.

A. RAID Setup and Configuration for Clean Install

Only for computers that originally shipped with RAID Configuration.

1. Create a Recovery DVD for the system.
2. Insert the XP Pro CD into the drive and complete installation.
3. Pop-in the Recovery DVD and install all of the applications and drivers.
4. From the Start Menu click, All Programs > Intel Matrix Storage Manager.
5. Launch the program.
6. Select the RAID configuration that you want to setup.
7. Complete the Wizard.

B. Installing the Windows XP Operating System

1. Turn on your computer with the Windows XP Home Edition or Professional Installation CD in the optical drive.
2. If Windows XP Setup asks if you want to repair any previous installations of Windows XP, press the Escape key (Esc).
3. Follow the on-screen instructions to set up drive partitions. It is recommended that you keep the C: and D: partitions to maintain the best compatibility with VAIO applications.
4. After setting up the drive partitions, select the partition onto which you want to install Windows XP (usually the C: partition), and press the Enter key.
5. At the next screen, select the desired formatting option. The "Format the partition using the NTFS file system" option is recommended.
6. After formatting is complete, follow the on-screen instructions to proceed with the Windows XP installation.
7. After the installation is complete, the computer will restart and start up into the "Welcome to Microsoft Windows" screen. Follow the on-screen instructions to proceed with the initial setup of Windows XP.

When the computer reaches the Windows Desktop for the first time, installation of Windows XP is complete. If you created any new hard disk partitions while installing Windows XP, you must format those partitions in order to use them in Windows XP.

To format a partition:

1. Click "Start" on the Windows taskbar, and select "My Computer."
2. Right-click on the drive you wish to format, and select "Format" from the shortcut menu.
3. If you wish, you can change the formatting options, but the default options are appropriate for most situations.
4. Click "Start," and click "OK" to proceed with formatting the partition.

C. Installing Sony Drivers and Windows Updates

Before installing VAIO® applications, you must update certain drivers on your computer, because Windows XP does not include many of Sony's VAIO® drivers. Follow the steps below to update the necessary drivers.

1. Browse to the folder where you stored the driver updates that you downloaded from the Sony Support Web site (refer to the "Before Installing" section, above). If you burned the drivers to a CD, insert the CD, and browse to the drivers on the CD.
2. Install the driver packages.

CAUTION: You must install the driver packages in the following order for your computer to operate normally:

- a. BIOS update (if available)
- b. Intel® Chipset (if applicable)
- c. Sony Notebook Control (if applicable)
- d. Sony Programmable I/O (if applicable)
- e. Sony Shared Library
- f. Video
- g. Audio

- h. Modem
- i. Network
- j. Wireless
- k. MPEG
- l. Memory Stick®
- m. Memory Stick Registry
- n. UPEK TouchChip Fingerprint Coprocessor
- o. Infineon® Trusted Platform Module
- p. Wireless Keyboard and Mouse utility
- q. SmartWi™ Utility
- r. Cingular Connection Utility
- s. WWAN driver
- t. Any other Sony Utilities

To install each driver package, double-click the driver update executable file. Follow the on-screen instructions. Most drivers require that you to restart your computer at the end of the installation.

3. After completing all the driver installations, restart your computer manually.

For Windows XP Home Edition, click "Start" on the Windows taskbar, click "Shut Down," and click "Restart."

For Windows XP Professional, click "Start" on the Windows taskbar, click "Shut Down," select "Restart" from the list in the "Shut Down Windows" window, and click "OK."

The installation of the Sony Drivers is complete.

It is strongly recommended that you download and install any available updates to the Windows XP operating system. At a minimum, download and install any Windows updates listed as "high priority" or "critical." Certain updates may be required for the proper operation of some VAIO applications, as discussed below in section D, "VAIO Application Dependencies."

To download and install Windows updates:

1. Set up an Internet connection on your computer.
2. Navigate to the Microsoft Windows Update Web site at:
<http://www.windowsupdate.com>
3. Follow the on-screen instructions to update your Windows XP system.

The installation of Windows XP is complete. No further installation is necessary if you do not want to install VAIO applications. To install VAIO applications, continue to section D, "Installing VAIO® Applications."

D. Installing VAIO® Applications

To install VAIO applications, you must have a Recovery Media Kit (a set of system restore CDs or DVDs), which can be created with the VAIO Recovery Wizard (see the "Before Installing" section, above). Also, you must have installed all of the original factory-installed driver updates (see section C, "Installing Sony Drivers and Windows Updates," above). Most importantly, the Sony Shared Library update must be installed after you install the Windows XP operating system in order for you to use the Recovery Media Kit.

Certain VAIO application programs require that more than one software component be installed from the Recovery Media in order to operate properly. Refer to the table in section E, "VAIO Application Dependencies," to determine what additional components are required for each VAIO application.

To install the applications:

1. Start up your computer into Windows XP.
2. Insert Disc 1 of your Recovery Media set. The "VAIO Application Recovery Wizard" window appears.
3. Select the checkboxes next to the application programs that you wish to install, and click "Next."
4. Follow the on-screen instructions to complete installation of the selected application program.

Some application installations may require you to restart your computer at the end of the installation. Allow the computer to restart before proceeding with the installation of the next application program.

5. When the "Application Recovery Complete" window appears, click "Finish."

If any error messages appear during installation or use of the application programs, check the table in section E, "VAIO Application Dependencies," to see if the application program requires that you install additional software components for the application to operate properly. If the supporting software components in the table are numbered, be sure to install the components in the numerical order indicated.

After you have installed the desired VAIO applications, your installation of Windows XP and the VAIO applications is complete.

E. VAIO Application Dependencies

All VAIO applications require that the Sony Shared Library software be installed on your computer. Install all of the original factory-installed drivers before installing any VAIO applications. (Refer to section C, "Installing Sony Drivers and Windows Updates," above.)

Certain VAIO application programs require that more than one software component be installed from the Recovery Media in order to operate properly. The table below identifies the software component requirements required for each VAIO application.

If the list of required components is numbered, you must install the components in the specified numerical order.

Application Name	Required Components
Adobe® Premiere	None
Adobe® Photoshop® Elements	None
Acrobat® Reader®	None
Age of Empires®	None
America Online®	None
AOL	None
AT&T Worldnet®	None
Cingular Connect Utility	1. Sony Notebook Control 2. Sony Programmer I/O Control 3. Sony Shared Library 4. SmartWi™ utility 5. WWAN driver
Click to DVD®	MPEG Decoder PxEngine Microsoft DirectX 9 or later (Available from Windows Update) Click to DVD Templates (Optional)
Cyberlink PowerDVD®	MPEG Decoder
Drag N Drop CD + DVD	None
DVgate Plus™	None
EarthLink® TotalAccess®	None
Get Sony Yahoo Software	None

Giga Pocket®	MPEG Decoder UI Library Encoder Board Driver Microsoft DirectX 9 or later (Available from Windows Update) Requires D: Partition
HotKey Utility	This list is dependent upon the computer model. If the model came with the driver listed below, install it: 1. Sony Shared Library 2. Sony Notebook Control 3. Sony Programmable I/O Control Device 4. Sony Utilities Library 5. Sony UI Library 6. Sony Extended BIOS Dynamic Link Library 7. VAIO® Event Service
Ice Maker	None
Image Converter	None
ImageStation® Library	None
Infineon® Trusted Platform Module (TPM)	Enable TPM in BIOS
Instant Messenger	None
Keyboard Closure Setup	None
Memory Stick® Formatter	Memory Stick Driver
Microsoft® Works Bundle	None
MoodLogic	None
MPEG Decoder	None
MSN®	None
Music Visualizer Library	None
Netscape®	None
Network Smart Capture	Smart Capture Library
Norton Antivirus™ Trial	None
Norton Internet Security™ Trial	None
OpenMG™ Setup	None
PictureGear Studio™	None
PowerPanel®	Sony Utilities Library
Protector Suite QL	None
PxEngine	None
Quicken®	None
RecordNow!®	PXEngine
QuickTime®	None
RealOne™ Player	None
ScreenBlast™ Acid® SF	None
Smart Capture Library	None

SmartWi™ Utility	<ol style="list-style-type: none"> 1. Sony Notebook Control 2. Sony Programmable I/O Controller 3. Sony Shared Library 4. Cingular Connection Utility 5. WWAN driver
SonicStage®	<ol style="list-style-type: none"> 1. Music Visualizer Library 2. PxEngine 3. OpenMG Setup 4. SonicStage Shared Library 5. SonicStage 6. SonicStage Add-on Installer 7. SonicStage Sample Music Installer (Optional)
SonicStage Add-on Installer	None
SonicStage Mastering Studio	<ol style="list-style-type: none"> 1. PxEngine 2. OpenMG Setup
SonicStage Sample Music Installer	None
SonicStage Shared Library	None
Sony® Notebook Setup ¹	Sony Utilities Library
Sony Shared Library	None
Sony Utilities Library	None
Sony Video Shared Library	None
SpySubtract®	None
UI Library	None
VAIO® Action Setup	None
VAIO® Edit Component	Adobe® Premiere
VAIO® Entertainment Platform	None
VAIO® Event Service	None
VAIO® Driver Recovery Wizard	None
VAIO Media™	None
VAIO Media™ Integrated Server	VAIO Media
VAIO Media™ Redistribution	VAIO Media
VAIO® Support Agent	None
VAIO® System Information	None
VAIO® TV Tuner Library	None
VAIO® Update	None
VAIO® Zone	<ol style="list-style-type: none"> 1. PXEngine 2. VAIO® Entertainment Platform 3. OpenMG Setup 4. SonicStage Shared Library 5. SonicStage® 6. MPEG Decoder 7. WinDVD 8. Click 2 DVD 9. VAIO Media
Video Editing	None
Welcome to VAIO life	None

WinDVD® for VAIO PC	MPEG Decoder
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¹This software program is available only for VAIO® Notebook computers.

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