





User Guide

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Congratulations on your purchase of this VAIO(R) computer.

About your VAIO computer's configuration

To find out about the configuration of your VAIO computer, visit the Sony online support website. See for more information.

Some features, options, and supplied items may not be available on your VAIO computer.

Features

Available features vary depending on the model or options you selected. Not all features described in this manual are available depending on your model.

Illustrations

Illustrations, photos, or screenshots in this manual may look slightly different depending on the model or options you selected.

Apps

The preinstalled apps may vary depending on the model or options you selected. The apps described in this manual may not be preinstalled on your VAIO computer.

Supplied manuals

The following manuals are supplied with your VAIO computer.

On-screen documentation

- **User Guide - Introduction Version** ([Welcome](#))
A preinstalled manual with limited information of your VAIO computer, focused on support and Internet connection. The **User Guide - Introduction Version** is replaced with a complete version of the **User Guide** (this manual), after update.
- **User Guide (this manual)**
General information and operation instructions about your VAIO computer including support and troubleshooting information

Printed documentation

- **Quick Start Guide**
An overview of how to set up and get started with your VAIO computer
- **Recovery, Backup and Troubleshooting Guide**
Information on how to recover and back up your VAIO computer, as well as troubleshooting information

Other references

- **Windows Help and Support**
A comprehensive resource for practical advice, tutorials, and demonstrations to help you learn to use your VAIO computer.
To open **Windows Help and Support**, see [Link Error](#).
- **App help files**
App help files may be included with the preinstalled apps on your VAIO computer. You may be able to access the help files from the help menu.

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- Sony Corporation is not liable and will not compensate for any lost recordings made to your VAIO computer, external recording media, or recording devices or any relevant losses, including when recordings are not made due to reasons including the computer failure, or when the contents of a recording are lost or damaged as a result of the computer failure or repair undertaken to the computer. Sony Corporation will not restore, recover, or replicate the recorded contents made to the computer, external recording media, or recording devices under any circumstances.
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Welcome

Congratulations on the purchase of this VAIO computer.

This **User Guide - Introduction Version** provides you with limited information about your VAIO computer.

To update this file to the complete version of the **User Guide**, see **Updating the User Guide to the Latest Version** for more information.

Your VAIO computer may not support touch screen operations depending on the model you purchased. In such a case, use a mouse or a touch pad for computer operations.

Content in this guide is subject to change without notice.

Read This First

Updating the User Guide to the Latest Version

By updating this **User Guide - Introduction Version** through the Internet, you can get the complete version of the **User Guide** with detailed information on your VAIO computer.

Once the **User Guide** is updated to the complete version, you can access it anytime even if you are offline.

With the complete version of the **User Guide**, you can view information about:

- Parts description
- Feature and operating instructions
- Precautions
- Troubleshooting information
- Windows 8 basic operations

To update the User Guide to the complete version

To update this **User Guide - Introduction Version** to the complete version of the **User Guide**, open this file with your VAIO computer connected to the Internet. After a while, the file will be updated to the latest complete version of the **User Guide** automatically.

To view the updated **User Guide**, exit this file and open the file again.

Note

- Be sure to use **VAIO Update** before updating the **User Guide** to the complete version.

Hint

- It may take some time to complete the update.
- The **User Guide** is displayed on **VAIO Care**.

To view help files for Windows OS and app operations

When you have trouble operating your VAIO computer, try referring to **Windows Help and Support** or help files included with your apps.

To access **Windows Help and Support**, open the charms and enter "Help and Support" in the search box.

Connecting to the Internet

You will need to connect your VAIO computer to the Internet before updating to the complete version of the **User Guide**.

Before connecting to the Internet

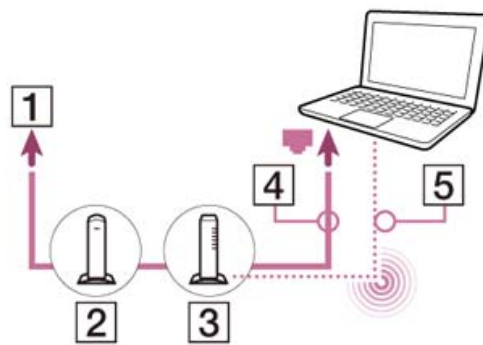
Before using the Internet, you will need to sign up with an Internet Service Provider (ISP) and set up devices required for connecting your VAIO computer to the Internet.

The following types of Internet connection services may be available from your ISP:

- Fiber to the Home (FTTH)
- Digital Subscriber Line (DSL)
- Cable modem
- Satellite
- Dial-up



For more information on devices required for Internet access and how to connect your VAIO computer to the Internet, ask your ISP.

The following is one of the Internet connection methods as an example.



- 1 Internet
- 2 Modem
- 3 Router/access point
- 4 LAN cable (not supplied)
- 5 Wi-Fi(R) (Wireless LAN)

To use the Wi-Fi network

1. Open the charms and select the  **Settings** charm.
2. Select  (the network icon).
3. Select your desired network (SSID) from the list and **Connect**.

Note

- For detailed information on network settings and devices, refer to the information from your Internet Service Provider (ISP) or the manuals that came with your network devices.

To use the network (LAN) (LAN port equipped models)

You can connect your VAIO computer to networks with a LAN cable. Connect one end of a LAN cable to the LAN port on the computer and the other end to your network. For detailed settings and devices required for LAN access, ask your network administrator.

Note

- The connection, setting method, or required devices may vary depending on your network environment.

Updating Your VAIO Computer


Be sure to update your VAIO computer to enhance the computer's efficiency, security, and functionality.

Note

- Your VAIO computer must be connected to the Internet to download the updates.


To use Windows Update

Windows Update enables you to make your VAIO computer more stable.

1. Open the charms and select the  **Search** charm.
2. Select **Settings**.
3. Enter "Windows Update" in the search box.
4. Select **Windows Update** from the list.
5. Follow the on-screen instructions to complete the updates.


To use VAIO Update

VAIO Update automatically notifies you of new updates available on the Internet then downloads and installs them on your VAIO computer.

1. Open the charms and select the  **Search** charm.
2. Select **Apps**.
3. Enter "VAIO Update" in the search box.
4. Select **VAIO Update** from the list.
5. Follow the on-screen instructions to complete the updates.

To update the antivirus app

The antivirus app helps protect your VAIO computer against security threats by keeping the app current with the latest updates. You can download and install the updates from the website of the manufacturer.

1. Open the charms and select the  **Search** charm.
2. Select **Apps**.
3. Enter the antivirus app name in the search box.
4. Select the antivirus app from the list.
5. Follow the on-screen instructions to complete the updates.

Solving Problems on Your VAIO Computer Using VAIO Care

With **VAIO Care**, you can regularly conduct performance checks and system tune-ups on your VAIO computer to keep it running at optimum level. Start **VAIO Care** whenever a problem arises. **VAIO Care** will provide appropriate measures and support information to solve the problem.


To start VAIO Care

Press the **ASSIST** button while your VAIO computer is on. Below is an example of a screenshot in English.



* Design and content of the screen are subject to change.

Hint

- Alternatively, search for **VAIO Care (Desktop)** on the  **Search** charm to start **VAIO Care**.
- Refer to the help file included with **VAIO Care** for more information.
- Pressing the **ASSIST** button while your VAIO computer is off displays the **VAIO Care (Rescue Mode)** screen. In this screen, you can start the recovery process of the computer in case of emergency, for example, when Windows does not start.

Finding Support Information

The Sony online support website provides instant access to information on commonly encountered problems. You can find support information such as the support website URL in **Contact & Support** on **VAIO Care** or the supplied **Quick Start Guide**.

Windows 8 : How to Start

About the Start Screen and Menu

You can place the shortcuts to apps, the desktop, and websites that you use the most.

Overview



1 Tiles

Touch operation

Tap a tile to start an app and personalize the **Start** screen by adding and rearranging tiles.

Mouse/Touch pad operation

Click a tile to start an app and personalize the **Start** screen by adding and rearranging tiles.

2 Charms


Search for apps and files, share content, play content on other devices or print, and set up your VAIO computer.

To open the Start screen


Touch operation

Open the charms, then tap the  **Start** charm.

Mouse/Touch pad operation

Open the charms, then click the  **Start** charm.

Keyboard operation

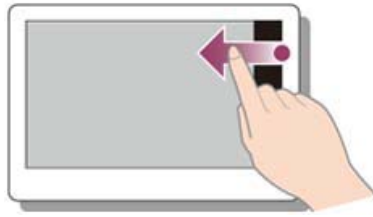
Press the  (Windows) key.



Opening the Charms

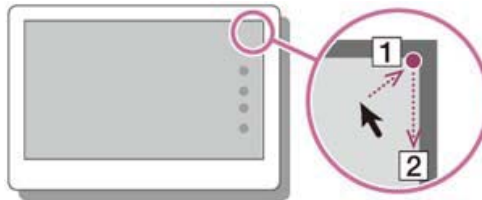
Touch operation

Swipe in from the right edge.




Mouse operation

Point to the upper-right corner (**1**), then move downward (**2**).




Keyboard operation

Press the  (Windows) key and the **C** key at the same time.



Searching/Starting Apps, Settings, or Files

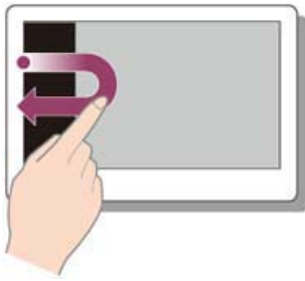
1. Open the charms and select the  **Search** charm.
2. Select **Apps**, **Settings**, or **Files** (**1**).
3. Enter a keyword (e.g. **Control Panel**) in the search box (**2**).
4. Select your desired app, setting, or file (**3**).



Viewing Running Apps

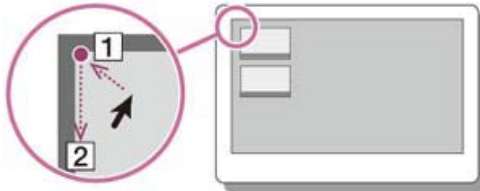
Touch operation

Swipe in from the left edge until a small app icon appears. Then, drag the icon back towards the left edge.




Mouse/Touch pad operation

Point to the upper-left corner (**1**), then move downward (**2**).



Keyboard operation

Press the  (Windows) key and the **Tab** key at the same time.



Switching Apps

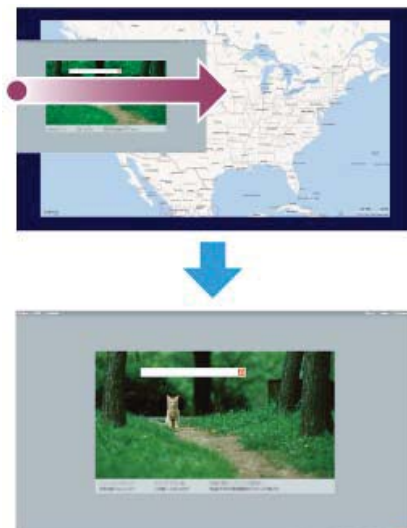
You can switch between apps that are currently running.

Touch operation

Display currently running apps, touch your desired app icon, and swipe in from the left edge.

Mouse/Touch pad operation

Display currently running apps and drag your desired app icon from the left edge to the center.



Opening the Apps Menu

Many apps have app menus that you can use to control your app. Follow the instructions below to open the app menu.

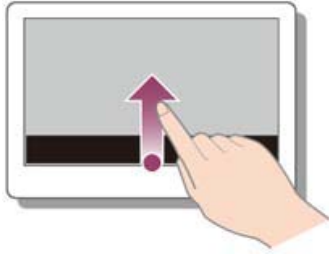
Hint

- Open the app menu when an app is displayed on the computer screen.
- App commands vary depending on the app that is currently displayed on the

computer screen.

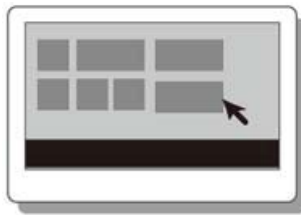
Touch operation

Swipe up from the bottom edge.




Mouse/Touch pad operation

Right-click within an app.



Keyboard operation

Press the  (Windows) key and the **Z** key at the same time.



Closing Apps

You can close currently running apps by following the instruction below.

Hint

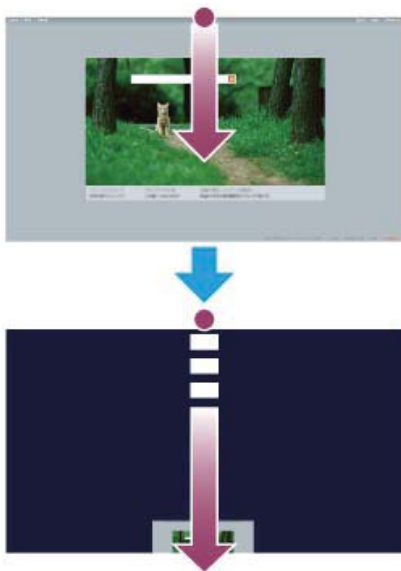
- The app window becomes smaller in the bottom of the screen. Drag the window to the bottom-center edge.

Touch operation

1. When an app is open, point to the top-center of the screen.
2. Drag the app to the bottom of the screen until the app disappears from the screen.

Mouse/Touch pad operation

1. When an app is open, move the cursor to the top-center of the screen until the hand icon appears.
2. Drag the app to the bottom of the screen until the app disappears from the screen.



Keyboard operation

Press the **Alt** key and the **F4** key at the same time.



Installing Apps from Windows Store

You can add apps from **Windows Store**.

Internet connection is necessary to access **Windows Store**. You also need to sign in with a Microsoft account.

On how to create and what you can do with the Microsoft account, refer to **Windows Help and Support**.


1. Open the **Start** screen, select the **Store** tile, and then find an app to install.



2. Select your desired app.
3. Follow the on-screen instructions to download and install the app.



Opening Windows Help and Support

You can open **Windows Help and Support** by following these steps.

1. Open the charms and select the  **Search** charm.
2. Select **Apps** (**1**).
3. Enter "Help and Support" in the search box (**2**).
4. Select **Help and Support** (**3**).



Entering Sleep or Shutting Down

1. Open the charms and select the  **Settings** charm.
2. Select  (**Power**), then select **Sleep**, **Shut down**, or **Restart**.





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PlayMemories Home

PlayMemories Home is a Sony application for managing, viewing, and editing photos and movies.

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VAIO Transfer Support

VAIO Transfer Support is a Sony application that uses **Windows Easy Transfer** included in the Windows operating system and helps you set up your new VAIO computer.

VAIO Transfer Support lets you easily transfer videos, photos, music, and other data and settings stored on your old computer to your new computer.

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Trend Micro(TM) Titanium(TM) Maximum Security 60days

Trend Micro Incorporated

Titanium Has What You Want.

Strong, fast and easy-to-use protection. Light on system resources so your PC runs faster.

Real-time updates safeguard you from the latest online threats. Browse, shop, transact, and bank online securely with data theft prevention.

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Adobe(R) Photoshop(R) Elements 11

Adobe Systems Incorporated

Use new **Adobe(R) Photoshop(R) Elements 11** software to enhance specific photo areas with dozens of new effects and patterns; easily create the Orton Effect as well as depth of field and picture collage effects; add flowing text to your photo creations; and more.

For answers to your software questions, refer to the software's help file or visit the website at:

<http://www.adobe.com/ap/support/>


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Trend Micro(TM) Titanium(TM) Maximum Security

Trend Micro(TM) Titanium(TM) Maximum Security 60days

Trend Micro(TM) Titanium(TM) Maximum Security 1year

Trend Micro(TM) Titanium(TM) Maximum Security 2year

Trend Micro Incorporated

Titanium Has What You Want.

Strong, fast and easy-to-use protection. Light on system resources so your PC runs faster.

Real-time updates safeguard you from the latest online threats. Browse, shop, transact, and bank online securely with data theft prevention.

Note

- Preinstalled on your computer is a 60-day free trial version of the software or a legitimate version with the period of service that you purchased for your computer. An individual serial number is required for each computer. Complete the user registration first. A legitimate version of this software will be unavailable if you recover your computer, format your hard disk drive, or reinstall the software before completing the user registration.

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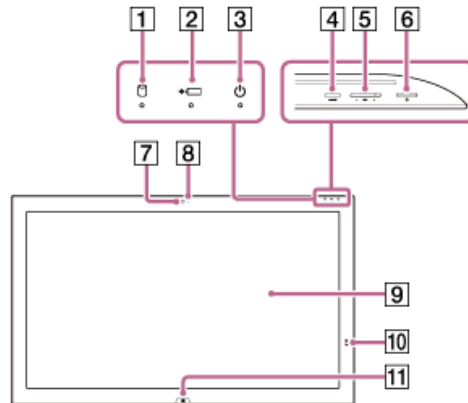
Setup








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Parts and Controls on the Front

Describes the features on the front of the VAIO computer, such as buttons and indicator lights.



- 1**  Disc drive indicator
- 2**  Charge indicator
- 3**  Power indicator
- 4** **ASSIST** button
- 5** **VOL** (Volume) buttons
- 6**  Power button
- 7** Built-in camera
- 8** Built-in camera indicator
- 9** Touch screen
- 10**   Touch mark
- 11**  Windows button

Notes on the LCD screen

The LCD screen is manufactured using high-precision technology. You may, however, see tiny black points and/or bright points (red, blue, or green) that continuously appear on the LCD screen. The ratio of defective pixels to all available pixels of the LCD screen is less than 0.0006 %. Also, depending on the viewing angle, uneven stripes of changes in color and luminance may appear. These are normal results of the LCD screen construction and do not indicate a malfunction. Take note that returns and replacements are not accepted.

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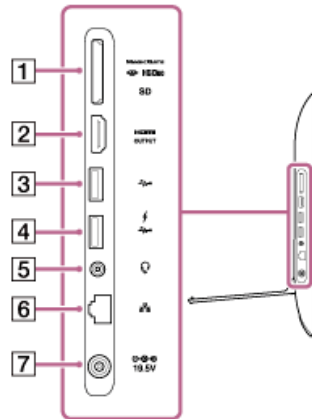
Setup







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Parts and Controls on the Sides

Describes the features on the sides of the VAIO computer, such as connection ports.



- 1 "Memory Stick Duo" / SD memory card combined slot
"Memory Stick Duo" and an SD memory card cannot be inserted into the slot simultaneously.
- 2 **HDMI** output port
- 3  USB port
- 4  USB port
- 5  Headset compatible headphone jack
- 6  LAN port
Do not connect the AC adaptor to the  LAN port. It may cause a malfunction.
- 7  DC IN port

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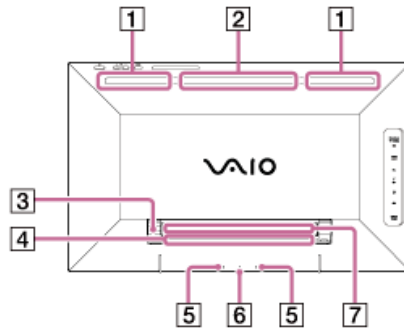
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Parts and Controls on the Back

Describes the features on the back of the VAIO computer, such as connection ports.



- 1** Internal speaker
- 2** Air exhaust vent
- 3** Stand
- 4** Rating plate
There is a rating plate on the stand.
- 5** Internal microphones
- 6** Battery off button
- 7** Air intake vent

Note

- The air exhaust vent may get hot during use. Take care when touching it.
- Do not install your VAIO computer where the air intake vents or air exhaust vent may be blocked.
- Do not carry your VAIO computer by its stand; hold the sides.

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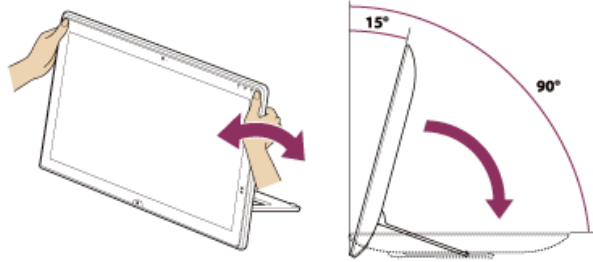
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Adjusting the Angle of the Screen

Choose which angle to position your computer screen.

Adjust the angle by holding the top of the screen.



The angle of your VAIO computer can be adjusted from approximately 15 to 90 degrees.

Note

- Do not exert excessive pressure on your VAIO computer while adjusting the angle of the screen, as this may result in damage to your computer.
- Ensure that there are no cables, or any other items between the back of the computer and the stand when it is closed.

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Setting the Stand

Position the stand before using your computer.

1. Place your VAIO computer face up on a flat surface.
2. Peel off the tape that secures the stand during shipment. The stand will swing out automatically.

Note

- Do not use your VAIO computer in an unstable position, such as standing on end.
- Do not allow the stand to hit anything as it swings out automatically.

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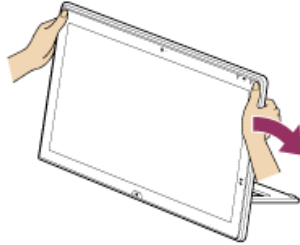
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Closing the Stand

When you use your VAIO computer laid flat, close the stand.

1. Hold the screen as shown in the illustration, then push down to close the stand.

**Note**

- Ensure that there are no cables, or any other items between the back of the computer and the stand when it is closed.

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