



Start Guide

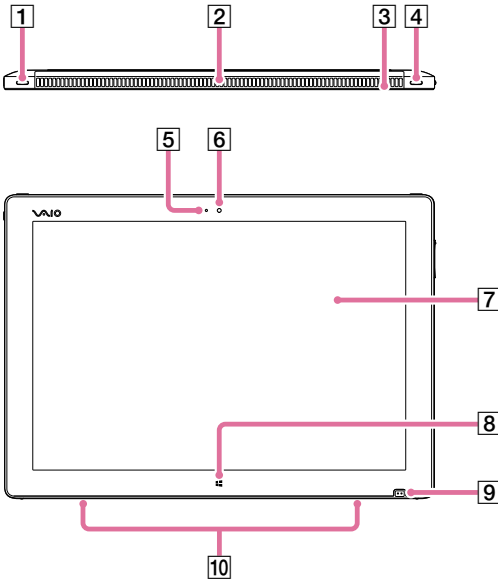
Personal Computer


VAIO® Z Canvas VJZ12A



Parts and Controls

Parts and Controls on the Front

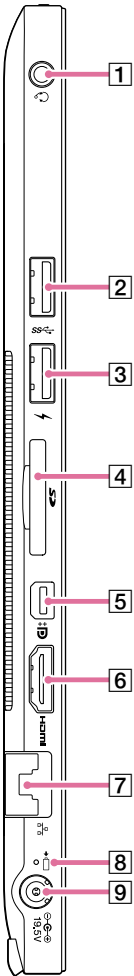


- | | |
|--|---|
| 1 L button | 6 Built-in front camera |
| 2 Air exhaust vent | 7 Touch screen |
| 3 Built-in monaural microphone | 8  (Windows) Touch button |
| 4 R button | 9 Charge port for Keyboard |
| 5 Built-in front camera indicator | 10 Built-in stereo speaker |

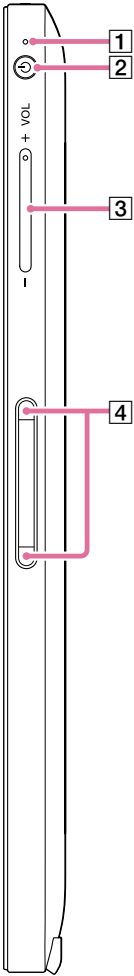
! Notes

- Be aware that the exhaust vent may be heated while your VAIO computer is in operation.
- To keep the touch screen clean and protect it from scratches, attach the wireless keyboard to your VAIO computer before carrying around the computer. For attaching the wireless keyboard, see [Charging the Wireless Keyboard](#).

Parts and Controls on the Sides

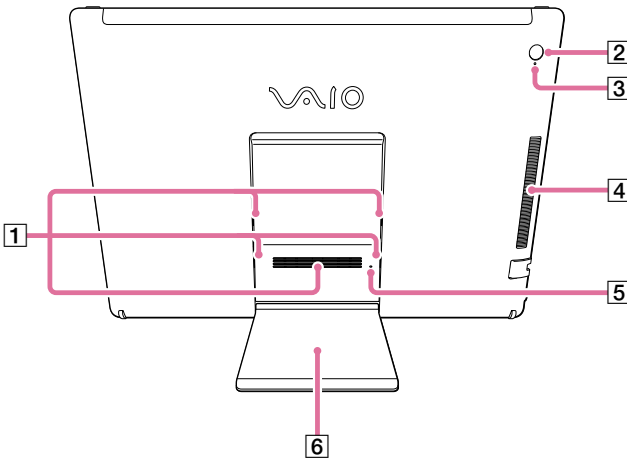


- 1 Headset compatible headphone jack
- 2 USB port
- 3 USB port
This port can be used for USB charging.
- 4 SD memory card slot
- 5 Mini DisplayPort output port
- 6 HDMI output port
- 7 LAN port
- 8 Charge indicator
- 9 DC IN port



- 1 Power indicator
- 2 Power button
- 3 **VOL** (Volume) buttons
- 4 Holes for attaching the pen holder

Parts and Controls on the Back



1 Air intake vent

2 Built-in rear camera

3 Built-in rear camera indicator

4 Air intake vent

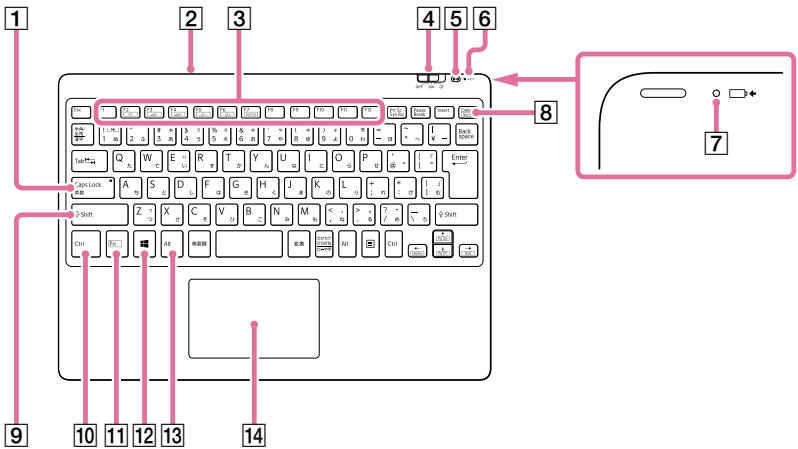
5 Battery off button




6 Stand

! Notes

- To lift your VAIO computer, be sure to hold both sides of the computer. Do not grab it by its stand.
- When folding the stand, keep the power cord and other cables out of the way.

Parts and Controls of the Wireless Keyboard



- 1** Caps Lock key / Caps lock indicator
- 2** micro USB port
- 3** Function keys
- 4** Power and touch pad on/off switch for Keyboard
- 5** Charge port for Keyboard (on Keyboard)
- 6**  Charge indicator for Keyboard
- 7**  Charge indicator for Keyboard (located on the back)
- 8** Delete key
- 9** Shift key
- 10** Ctrl key
- 11** Fn key
- 12**  (Windows) key
- 13** Alt key
- 14** Touch pad


! Notes

- The wireless keyboard has built-in magnets for attaching itself to your VAI0 computer. Keep magnet-sensitive objects (credit cards, etc.) away from the keyboard to avoid possible data corruption.
- Setting **Airplane mode** to **On** disables all the wireless features of your VAI0 computer and you cannot connect the wireless keyboard to the computer. To use the wireless keyboard, set **Airplane mode** to **On**.

🔗 Hints

- There is a raised dot on the **F** and **J** keys.
- For details on the keyboard shortcut keys, refer to **Windows Help and Support**.

Safety Information and Caution

- Turning off your computer with the  (power) button does not disconnect the computer completely from mains voltage. To disconnect it completely, unplug the AC adapter or the power cable from mains. The socket-outlet shall be installed near the equipment and shall be easily accessible.
- To prevent possible damage and risk of ignition to your computer during transportation, first attach any supplied connector covers and slot protectors in their appropriate locations, and secure the battery pack in the battery compartment if it is removable.
- The supplied wireless keyboard is intended for use only with UL Listed I.T.E. computer.
- To prevent fire or shock hazard, do not expose your computer to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- Do not put your computer directly on your lap and use it for an extended period of time. The temperature of the base of the unit will rise during normal operation and over time could result in discomfort or burns.
- Do not place the AC adapter in contact with your skin. Remove the AC adapter away from your body if it becomes warm and causes discomfort.
- Do not block the air exhaust or intake vents while the computer is in operation.
- Blocking the air vents leads to restriction on air circulation, which can cause internal overheating, resulting in deformation of the computer, a malfunction, or a fire hazard.
- Observe the following precautions to provide adequate air circulation and to ensure normal reliable operation:
 - Do not use the computer on any cloth covered surfaces such as rugs, cushion or blankets, near draperies, or on dusty surfaces that may block its air vents. Always use the computer on flat surfaces.
 - Do not use the computer and/or the AC adapter while covered or wrapped in cloth. Ensure the AC adapter operates in a clear environment.
 - Before putting your computer in a bag, turn off the computer or place it into Sleep mode. If the computer is equipped with the power indicator, make sure the power indicator light is off.
- When holding the computer, be sure to wait until it cools down. The surface around the air exhaust vent may be extremely hot.
- Always keep the battery pack installed while the computer is in use.
- Do not use or store your computer in a location subject to heat sources, such as radiators or air ducts; direct sunlight; excessive dust; moisture or rain; mechanical vibration or shock; strong magnets or speakers that are not magnetically shielded; excessively high and low temperatures; and high humidity.
- VAIO recommends using the genuine VAIO battery pack and AC adapter that are provided with this product. If either of these items needs to be replaced during the life of the product, be sure to use a compatible genuine VAIO battery pack or AC adapter.
- VAIO disclaims and shall assume no responsibility in case of any losses and damages arising from:
 - the use of non-genuine VAIO battery packs or AC adapters with your VAIO computer.
 - the disassembly, alteration of, or tampering with any VAIO battery pack.
- Do not use wireless functionality on hospital premises. Doing so may cause medical devices to malfunction.
- Check for and respect airline restrictions on use of wireless capabilities. If use of the wireless function is prohibited on the airline, disable all wireless connections before boarding.

Open the charms by pointing to the top right corner of the screen, then move the pointer down and select the **Settings** charm. Select the network icon and then turn on **Airplane mode**.

If you urgently need to disable the wireless function, turn off the computer.
Turn off the wireless keyboard as well.
- If using wireless functionality near a pacemaker, make sure it is at least 8 inches / 20 cm away from the pacemaker.
- VAIO is not responsible for any interference that you may experience or that may be caused when operating this device.

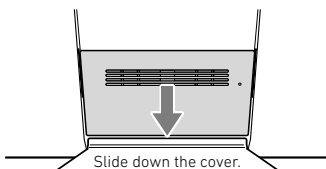
- The supplied wireless keyboard is intended for use with this product only.
- Do not clean your computer with aerosol products (air dusters, aerosol sprays, etc.) that contain flammable gas. Doing so may fill the inside of the computer with gas and if the motors, the switch contacts, or other internal parts of the computer spark, the gas may ignite and it could cause an explosion or fire.
- Keep magnetically sensitive items, such as a magnetic card and ticket, away from magnetic components of your computer and wireless keyboard. Magnetic components may cause data corruption of magnetically sensitive items.
- Keep your computer and wireless keyboard away from an implanted pacemaker. The computer and wireless keyboard contain magnetic components. Magnetic components may cause a pacemaker to malfunction.

FCC Information and Caution

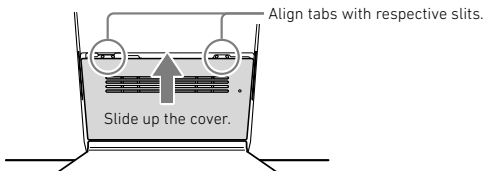
- FCC ID label can be found in the location remove the cover of the unit bottom.
Disassembly method and attachment method of the cover:

Removing/attaching the cover on the back

Removing



Attaching



- 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 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.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications

to this equipment. Such modifications could void the user's authority to operate the 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.
- The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. This equipment has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.
- For supplied wireless keyboard
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption rate (SAR).
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter except Grant condition.
- Only use Wireless LAN indoors when using it with IEEE 802.11a/n(5GHz)/ac.
- High power radars are allocated as primary users (meaning they have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to this device.

Declaration of Conformity

Trade Name: VAIO

Model No.: VJZ12AD11L

Responsible Party: TRANS COSMOS AMERICA, INC.

Address: 879 West 190th Street, Suite 1050, Gardena, CA 90248

Telephone No.: 855-981-8246

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.

Battery Information and Caution

- Risk of explosion if battery is replaced by an incorrect type. Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the instructions.
- The battery pack used in this device may present a fire or chemical burn hazard if mistreated.
- Do not crush, disassemble, heat above 140°F / 60°C or incinerate.
- Dispose of used batteries promptly and properly.
- Keep away from children.
- Do not short-circuit the metal terminals of the battery pack or wet them with any liquid, for example, water, coffee, or juice.
- Do not handle damaged or leaking lithium ion batteries.
- Do not charge the battery pack in any way other than as described in the user guide or as designated by VAIO in writing.
- Charging information for battery pack (VJ8BPS47).
 - Maximum Charge Current: 3.1 A
 - Maximum Charge Voltage: 17.48 V