

## OPERATING INSTRUCTIONS Read Me First Personal Computer

Model No. **CF-FV** series

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Read Me First

Getting Started

Appendix

#### ■ Terms and illustrations in these instructions

In these instructions, the names and terms are referred as follows.

- “Windows 11 Pro” as “Windows” or “Windows 11”
- - [Settings] : Click ■ (Start) and then click [Settings].
- ➔ : Page in these Operating Instructions.
- 📄 : Reference to the on-screen manuals.

# Safety Precautions

To reduce the risk of injury, loss of life, electric shock, fire, malfunction, and damage to equipment or property, always observe the following safety precautions.

## Explanation of symbol word panels

The following symbol word panels are used to classify and describe the level of hazard, injury, and property damage caused when the denotation is disregarded and improper use is performed.

## DANGER

### Precautions on the Battery Pack

Electrolyte leakage, generation of heat, ignition or rupture of the Battery Pack may result.

- **Do Not Use the Battery Pack with Any Other Product**
  - The rechargeable battery pack should only be used for this product and not for other products.
- **Do Not Use This Product with a Battery Pack Other Than the One Specified**
  - ⇒ Use only the specified battery pack with your product.
- **Do Not Throw the Battery Pack into Fire or Heat Them Up**
- **Avoid Extreme Heat (near the Fire, Under the Blazing Sun, for Example)**
- **Do Not Charge, Use, or Leave the Battery in Extremely High Temperature or Extremely Low Air Pressure like High Altitude Where Ordinary Not Entered, as This May Result in Explosion or Leakage of Flammable Liquids**
- **Do Not Nail, Apply an Impact to, Disassemble, or Refurbish Batteries**
- **Do Not Bring the (+) and (-) Terminals into Contact Through Metal, etc.**
- **Do Not Carry or Store Batteries Along with Necklace, Hairpins, etc.**
- **Do Not Charge the Battery Using Methods Other Than Those Specified**
- **Do Not Apply Shocks to the Product by Dropping It, Applying Strong Pressure to It, etc.**
  - ⇒ If this product is subjected to a strong impact, remove the battery pack from the computer immediately. 84A-1-E
- **Do Not Deform, Disassemble, or Modify the Battery Pack**

### ■ **When the Battery Pack Has Deteriorated or If Abnormal Swelling Occur, Replace It With a New One**

⇒ Do not continue to use a damaged battery pack.

### ■ **If a Malfunction or Trouble Occurs, Immediately Stop Use**

⇒ If the battery pack appears to be damaged or deformed, or if it emits smoke, abnormal odor, excessive heat, or other abnormality, remove it from the computer immediately.

## WARNING

Fire or electric shock may result.

- **Do Not Do Anything That May Damage the AC Cord, the AC Plug, or the AC Adaptor**

**Do not damage or modify the cord, place it near hot tools, bend, twist, or pull it forcefully, place heavy objects on it, or bundle it tightly.**

⇒ Do not continue to use a damaged AC cord, AC plug and AC adaptor.

  - Contact your technical support office for repair.
- **Do Not Connect the AC Adaptor to a Power Source Other Than a Standard Household AC Outlet**

⇒ Connecting to a DC/AC converter (inverter) may damage the AC adaptor. On an airplane, only connect the AC adaptor/charger to an AC outlet specifically approved for such use.
- **Do Not Pull or Insert the AC Plug If Your Hands Are Wet**
- **Do Not Disassemble This Product**
  - No user serviceable parts inside this unit. Refer servicing to qualified technician.
- **Do Not Touch This Product in a Thunderstorm If Connected with the AC Cable or Any Other Cables**
- **Do Not Place Containers of Liquid or Metal Objects on Top of This Product**

⇒ If foreign matter has found its way inside, immediately turn the power off and unplug the AC plug (and remove the battery pack). Then contact your technical support office.

# WARNING

Fire or electric shock may result.

■ **If a Malfunction or Trouble Occurs, Immediately Stop Use**

If the Following Malfunction Occurs, Immediately Unplug the AC Plug and the Battery Pack

- This product is damaged
- Foreign object inside this product
- Smoke emitted
- Unusual smell emitted
- Unusually hot

⇒ After the above procedure, contact your technical support office for repair.

■ **Clean Dust and Other Debris of the AC Plug Regularly**

- If dust or other debris accumulates on the plug, humidity, etc. may cause a defect in the insulation.

■ **Insert the AC Plug Completely**

⇒ Do not use a damaged plug or loose AC outlet.

■ **Turn the Power off Beforehand when Entering Locations, Such as a Gas Station Where Inflammable Gases Are Generated**

- Such gases may be ignited.

Burns or low-temperature burns may result.

■ **Do Not Use This Product in Close Contact With Your Body For a Long Period of Time**



- Close contact with heat-emitting parts of this product for a long period of time may cause low-temperature burns. 97-1-E

■ **Do Not Expose Yourself or Other Persons to the Hot Wind from the Ventilation Hole (Exhaust) For a Long Period of Time**

- Covering the ventilation hole (exhaust) with your hand or other object can cause heat to build up inside, possibly resulting in burns.

■ **Do Not Touch The Surface of The AC Adaptor Continuously While Using/ Charging**

- Burns may result.

■ **Do Not Place the Product in a Bag or Case While It is Turned On**

- Doing so may cause the product to overheat and result in burns.

Detrimental health effects on your body may result.

■ **Do Not Turn the Volume Up Too Loud When Using Headphones**

- Listening at high volumes that over-stimulate the ear for long periods of time may result in loss of hearing.

Radio waves transmitted from this product may affect the surrounding area.

■ **Do Not Use This Product near Automatic Control Devices, Such As Automatic Doors And Fire Alarms**

- Automatic control devices may malfunction, resulting in accidents.

■ **Turn the Power Off on an Airplane<sup>\*1</sup>**

⇒ For use on a plane, follow the airline's instructions.

- The safety of navigation may be compromised.

■ **Turn the Power Off in Hospitals or at Locations Where Medical Equipment is Present<sup>\*1</sup>**

⇒ Do not bring this product into operating rooms, intensive care units, CCU, etc.<sup>\*2</sup>

- Medical electrical equipment may be affected, and malfunction may occur, resulting in accidents.

■ **Turn the Power Off in Crowded Locations, Such As a Crowded Train, Where There May Be a Person with a Cardiac Pacemaker**

- The operation of a pacemaker may be affected.

■ **Keep This Product at Least 15 cm Away from the Position of an Implantable Pacemaker**

- The operation of a pacemaker may be affected.

<sup>\*1</sup> If there is no choice but to use this product in such an environment, turn the wireless capability off. However, bear in mind that use of a computer may be prohibited during takeoff and landing of an aircraft, etc. even if the wireless capability is turned off.

<sup>\*2</sup> CCU is an abbreviated term of Coronary Care Unit.

# Safety Precautions

## CAUTION

Fire or electric shock may result.

- **Do Not Move This Product While the AC Plug Is Connected**
  - ⇒ If the AC cord is damaged, unplug the AC plug immediately.
- **Do Not Connect a Telephone Line, or a Network Cable Other Than the One Specified, Into the LAN Port**
  - ⇒ Do not connect to a network such as the ones listed below.
    - Networks other than 1000BASE-T, 100BASE-TX or 10BASE-T
    - Phone lines (IP phone (Internet Protocol Telephone), Telephone lines, internal phone lines (on-premise switches), digital public phones, etc.)
- **Do Not Subject the AC Adaptor To Any Strong Impact**
  - ⇒ Do not continue to use the AC adaptor after a strong impact such as being dropped.
  - ⇒ Contact your technical support office for repair.
- **Do Not Leave This Product in High Temperature Environment for a Long Period of Time**
  - Leaving this product where it will be exposed to extremely high temperatures such as near fire or in direct sunlight may deform the cabinet and/or cause trouble in the internal parts.
- **Do Not Block the Ventilation Hole (Exhaust/Intake)**
  - ⇒ Do not use this product wrapped in cloth or on top of bedding or a blanket.
- **Do Not Keep This Product Wherever There is a Lot of Water, Moisture, Steam, Dust, Oily Vapors, etc.**
- **Hold the Plug When Unplugging the AC Plug**
- **Use Only the Specified AC Adaptor With This Product**
  - ⇒ Do not use an AC adaptor other than the one supplied (supplied with the unit or one sold separately as an accessory).

This product may fall over or drop, resulting in an injury.

- **Do Not Place This Product on Unstable Surfaces**
- **Avoid Stacking**

Detrimental health effects on your body may result.


- **Should the Battery Leak and the Fluid Get into Your Eyes, Do Not Rub Your Eyes**
  - ⇒ Immediately flush your eyes with clear water and see a doctor for medical treatment as soon as possible. 84B-1-E
- **Take a Break Of 10-15 Minutes Every Hour**
  - Using this product for long periods of time may have detrimental health effects on the eyes or hands.

## NOTICE

- Do not place the computer near a television or radio receiver.
- Keep the computer away from magnets. Data stored on the hard disk may be lost.
- This computer is not intended for the display of images for use in medical diagnosis.
- This computer is not intended for a use with connection of medical equipment for the purpose of medical diagnosis.
- Panasonic shall not be liable for loss of data or other incidental or consequential damages resulting from the use of this product.
- Do not touch the terminals on the battery pack. The battery pack may no longer function properly if the contacts are dirty or damaged.
- If the battery pack will not be used for a long period of time (a month or more), charge or discharge (use) the battery pack until the remaining battery level becomes 30% to 40% and store it in a cool, dry place.
- This computer prevents overcharging of the battery by recharging only when the remaining power is less than approx. 95% of capacity.
- Do not expose the battery pack to water, or allow it to become wet.
- The battery pack is not charged when the computer is first purchased. Be sure to charge it before using it for the first time. When the AC adaptor is connected to the computer, charging begins automatically.

84C-1-E

## NOTE

- The battery pack may become warm during recharging or normal use. This is completely normal.
- Recharging will not commence if internal temperature of the battery pack is outside of the allowable temperature range (0 °C to 50 °C {32 °F to 122 °F}). (→  *Operating Instructions - Reference Manual* “Basic Operation” “Battery Power”) Once the allowable range requirement is satisfied, charging begins automatically. Note that the recharging time varies based on the usage conditions. (Recharging takes longer than usual when the temperature is 10 °C {50 °F} or below.)
- If the temperature is low, the operating time is shortened. Only use the computer within the allowable temperature range.
- The battery pack is a consumable item. If the amount of time the computer can be run by using a particular battery pack becomes dramatically shorter and repeated recharging does not restore its performance, the battery pack should be replaced with a new one.
- When transporting a spare battery inside a package, briefcase, etc., it is recommended that it be placed in a plastic bag so that its contacts are protected.
- Always power off the computer when it is not in use. Leaving the computer on when the AC adaptor is not connected will exhaust the remaining battery capacity.

# Safety Precautions

While we anticipate use of our products in certain environments such as nuclear equipment/systems, air traffic control equipment/systems, aircraft equipment/systems (as defined in<sup>\*3</sup>), medical devices or accessories (as defined in<sup>\*4</sup>), medical treatment diagnosis image display, life-support system, or other equipment/devices/systems that are involved with ensuring human life or safety, we do not allow users to integrate our product such that it becomes an integral part of the systems found in these environments. Panasonic will not be responsible for any liability resulting, and in any way for any damages or loss resulting from the use of this product arising out of the foregoing uses.

<sup>\*3</sup> Aircraft equipment/systems include Electric Flight Bag (EFB) systems are defined by FAA AC120-76D or EASA Commission Regulation (EU) No 965/2012.

<sup>\*4</sup> As defined by the Regulation (EU) 2017/745 Medical Device Regulation.

Panasonic cannot guarantee any specifications, technologies, reliability, safety (e.g. flammability/smoke/toxicity/radio frequency emission, etc.) requirement related to aviation standards that exceed the specifications of our COTS products.

As with any portable computer device precautions should be taken to avoid any damage. The following usage and handling procedures are recommended.

Before putting the computer away, be sure to wipe off any moisture.

# Regulatory Information

## Information to the User

<Only for model with wireless LAN/Bluetooth>

### This product and your Health

This product, like other radio devices, emits radio frequency electromagnetic energy.

Because this product operates within the guidelines found in radio frequency safety standards and recommendations, Panasonic believes this product is safe for use by users. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situations or environments, the use of this product may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include:

- Using this product on board of airplanes, or
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use this product prior to turning on the product.

### Information to the user

Panasonic is not responsible for any radio or television interference caused by unauthorized modification of this product. The correction of interference caused by such unauthorized modification will be the responsibility of the user. Panasonic and its authorized resellers or distributors are not liable for damage or violation of government regulations that may arise from failing to comply with these guidelines.

### Local Restriction of wireless LAN Usage

Caution: Due to the fact that the frequencies used by wireless LAN device may not yet be harmonized in all countries, wireless LAN is designed for use only in specific countries, and is not allowed to be operated in countries other than those of designated use. As a user of this product, you are responsible for ensuring that the product is used only in the countries for which they were intended and for verifying that this is configured with the correct selection of frequency and channel for the country of use. Any deviation from the permissible power and frequency settings for the country of use is an infringement of national law and may be punished as such.

26-1-E

## USB Type-C Adaptors and Cables

<Only for model with USB Type-C>

For USA:

- Use only UL Listed USB Type-C AC adaptors.
- Use only UL Listed USB Type-C cables (ICT Power Cables).

76-1-M

## AC Adaptor

- The AC adaptor used for the specified computers and Port Replicator option is Class I Equipment<sup>\*1</sup>. When using the computer and Port Replicator option, the AC adaptor must be earthed. The power plug must be connected to a properly wired earth ground socket outlet. Hazardous voltage could occur on user accessible metal parts by improperly wiring socket outlet.

<sup>\*1</sup> Equipment with basic insulation used as a basic safeguard, and with protective bonding and protective earthing used as a supplementary safeguard for electrically-caused injury.

96-1-E


# Regulatory Information

## ENERGY STAR®



### <Only for model with the above logo on the computer>

ENERGY STAR® 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.

As an ENERGY STAR® Partner, Panasonic has determined that this product meets ENERGY STAR® guidelines for energy efficiency. The default power management settings have been selected for compliance with ENERGY STAR®, and are recommended by the ENERGY STAR® program for optimal energy savings. By enabling available power management settings, Panasonic computers automatically enter sleep. For more information about entering sleep and resuming from sleep, refer to  *Operating Instructions - Reference Manual* "Basic Operation" "Sleep/Hibernation Functions".

For more information about ENERGY STAR®, refer to the following web site: <https://www.energystar.gov>

### <Only for model without the above logo on the computer>

This model is not certified to the ENERGY STAR®.


22-1-E

## Battery Pack

Use the specified battery pack.

- CF-VZSU2BU series

### CAUTION:

- Dispose of used batteries according to the instructions<sup>2</sup> and local ordinances and/or regulations.
  - <sup>2</sup> • Precautions on the battery pack in this manual
  - Dispose of computer in  *Operating Instructions - Reference Manual*

84D-1-E

## Internal Battery Notice

### **⚠ WARNING**

- **INGESTION HAZARD:** This product contains a button cell or coin batt
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- This product contains a non-replaceable battery.
- Battery type: CR2032
- Nominal voltage: 3 V

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- This product contains non-replaceable battery.  
Battery type: CR2032  
Nominal battery voltage: 3 V

92-1-M

# Regulatory Information

## For U.S.A.

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.

### FCC CAUTION

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

Note: 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 Panasonic Service Center or an experienced radio/TV technician for help.

6-1-M

### FCC RF Exposure Warning:

<Only for model with wireless LAN/wireless WAN/Bluetooth>

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- This equipment has been approved for portable operation and does not require any minimum spacing be provided between antennas and all person's body.
- This equipment may not be co-located or operated with any other antenna or transmitter.

25A-1-M

Responsible Party: Panasonic Corporation of North America

Two Riverfront Plaza

Newark, NJ 07102

Support Contact: <https://na.panasonic.com/us/support>

6-1-M

To dispose of your product, please recycle in accordance with local environmental regulations. For further recycling please visit <https://shop.panasonic.com/recycle>

65-1-M



A lithium ion battery that is recyclable powers the product you have purchased.

Please call 1-800-8-BATTERY for information on how to recycle this battery.

48A-1-M

<For USA-California Only>

**This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material - special handling may apply.**

See <https://dtsc.ca.gov/perchlorate/>

38-1-M

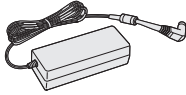
# First-time Operation

## ■ Preparation

① Check and identify the supplied accessories.

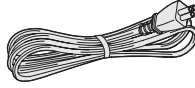
If you do not find the described accessories, contact your support office.

• AC Adaptor . . . . . 1

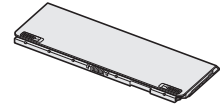


Model No: CF-AA5713A

• AC Cord . . . . . 1



• Battery Pack . . . . . 1



Model No: CF-VZSU2BU

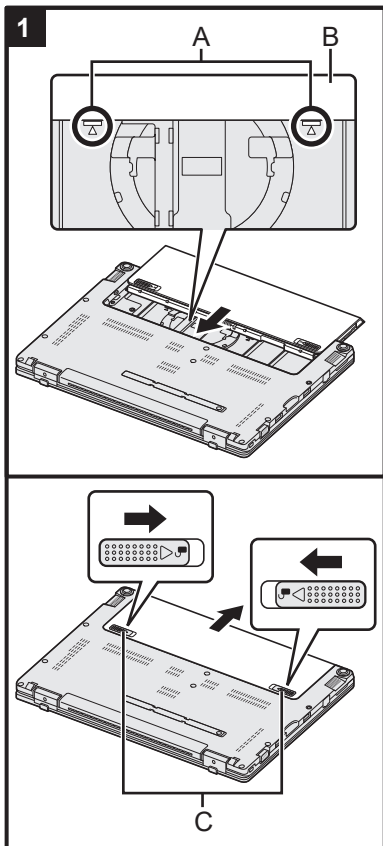
• OPERATING INSTRUCTIONS - Read Me First (This book) . . . . . 1

## ■ Latest Information on Windows

When Windows is updated, the screen display or operation procedures may be changed.

For the latest information on Windows, see the following web page.


<https://dl-pc-support.connect.panasonic.com/itn/win11/>



## 1 Insert the battery pack.

- ① Turn the computer over.
- ② Align the battery pack with the  $\Delta$  marks (A) on the computer, and slide the battery pack (B) in the direction of the arrow to attach the battery pack.


## ■ To remove the battery pack

While sliding the left and right latches (C) to the unlocked position , push out the battery pack in parallel with the computer.

### IMPORTANT

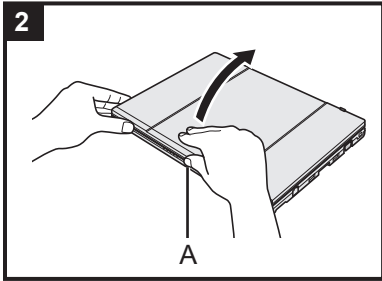
- Make sure the battery pack is securely locked. If not, the battery pack may fall when you carry the computer.
- Do not touch the terminals of the battery pack and the computer. Doing so can make the terminals dirty or damaged, and may cause malfunction of the battery pack and the computer.

### NOTE

- Note that the computer consumes electricity even when the computer power is off. For the period of time the fully charged battery will fully discharge, refer to  *Operating Instructions - Reference Manual* “Basic Operation” “Battery Power” “Battery duration”.
- When the DC plug is not connected to the computer, disconnect the AC cord from your AC wall outlet. Power is consumed simply by having the AC adaptor plugged into an electrical outlet.

# First-time Operation

2



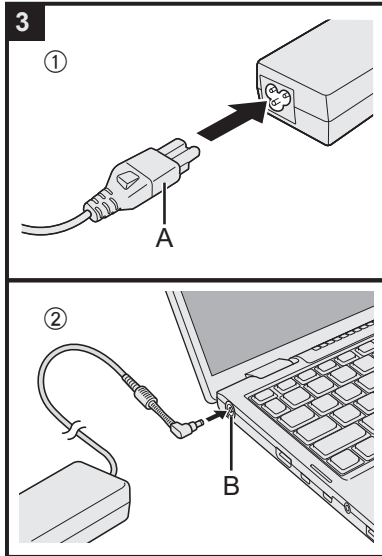
## 2 Open the display.

Hold the side of the computer with either of your hands and then hold and lift the (A) part to open the display.

### IMPORTANT

- Do not open the display wider than necessary (160° or more), and do not apply excessive pressure to the LCD. Do not open or close the display holding the edge of the LCD segment.

3



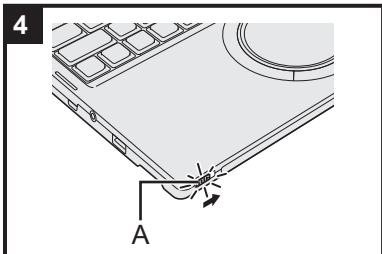
## 3 Connect the AC adaptor.

- ① Connect the power cord and AC adaptor.  
Hold the plug (A) of the power cord, and securely insert it straight to the end.
- ② Connect the AC adaptor to the DC-IN jack (B) of the computer.
- ③ Connect your computer to a power outlet.  
The shape of AC Plug and AC Outlet depend on the country.  
The battery charging starts automatically.

### IMPORTANT

- Do not disconnect the AC adaptor until the first-time operation procedure is completed.
- Do not connect any peripheral device (including wired LAN cable) except the battery pack and AC adaptor until the “6 Restart the computer.” procedure is completed.
- **Handling the AC adaptor**  
Problems such as sudden voltage drops may arise during periods of thunder and lightning. Since this could adversely affect your computer, an uninterruptible power source (UPS) is highly recommended unless running from the battery pack alone.
- When the DC plug is not connected to the computer, disconnect the AC cord from your AC wall outlet.
- Do not apply hot air released from the ventilation hole (exhaust) to the cable.

4



## 4 Turn on the computer.

Slide and hold the power switch  (A) until the power indicator lights.


### IMPORTANT

- Do not turn the power switch on/off repeatedly.
- Do not slide and hold the power switch for 4 seconds or longer or repeatedly slide the switch.
- Once you turn off the computer, wait for 10 seconds or more before you turn on the computer again.



## 5 Setup Windows.

Select language and click [Yes].

Follow the on-screen instructions.

- The computer restarts several times. Do not touch the keyboard, touchpad, external keyboard or external mouse, and wait until the drive indicator  has turned off.
- After the computer is turned on, the screen remains black or unchanged for a while, but this is not a malfunction. Wait for a moment until the Windows setup screen appears.
- The active network connection and your Microsoft account are required to complete the Windows setup.
- When the “How would you like to set up this device” screen appears, choose your setup method.
- For further information (e.g. network connection, Microsoft account, Wi-Fi point, etc.), contact your technical support office.



## 6 Restart the computer.

- ① Click  (Start).
  - ② Click  (Power) - [Restart].
- A portion of the Panasonic PC Settings Utility functions will be enabled after the computer restarts.

### NOTE


- When the “Emergency notification setting” screen appears, read the on-screen messages carefully. Follow the on-screen instructions. You can set the “Emergency notification setting” after the setup of Windows is complete.

## 7 Update the on-screen manual.



- ① Connect to the internet. Sign in to Windows as an administrator.  
For further information, refer to →  *Connect to a network*.
- ② Update the on-screen manual.  
Click  (Start) - [All apps] - [Panasonic PC Manual Selector].  
Follow the on-screen instructions.

# First-time Operation


## NOTE

- To display the password input screen every time the computer is resumed from the modern standby or hibernation, perform the following setting.
  - ① Click  (Start) - [Settings] - [Accounts] - [Sign-in options].
  - ② Select [Every Time] in “If you’ve been away, when should Windows require you to sign in again?”.
- Set the key entry mode to English (“ENG”) and enter characters.

The keyboard layout can be added or changed in the following steps.

  - ① Click  (Start) - [Settings] - [Time & language] - [Language & region].
  - ② Click  - [Language options] in the language.
  - ③ Click [Add a keyboard] in “Installed keyboards” and choose a keyboard from the list.
- Remember your password. If you forget the password, you cannot use Windows. Creating a password reset disk beforehand is recommended.
- **PC Information Viewer**

This computer periodically records the management information of the flash memory, etc. The maximum data volume for each record is 1024 bytes. This information is only used for estimating the cause in the case when the flash memory goes down by any possibility. They are never sent to outside via network nor used for any other purpose except for the purpose described the above. To disable the function, add the check mark for [Disable the automatic save function for management information history] in [Hard Disk Status] of PC Information Viewer, and click [OK]. Then follow the on-screen instructions.

(→  *Operating Instructions - Reference Manual* “Troubleshooting” “Troubleshooting” “Checking the Computer’s Usage Status”)

## ■ How to create a recovery disc

Connect to the Internet before creating a recovery disc.

Note that the Windows version of the recovery disc to be created may be newer than the version at the time of factory shipment.


For detailed information and creation method, see the following web page.

[https://dl-pc-support.connect.panasonic.com/itn/support/recv/win\\_recv-dls.html](https://dl-pc-support.connect.panasonic.com/itn/support/recv/win_recv-dls.html)  
“Recovery Image Download Service”

# Software License

This product incorporates the following software:

- (1) the software developed independently by or for Panasonic Connect Co., Ltd.,
- (2) the software owned by third party and licensed to Panasonic Connect Co., Ltd.,
- (3) the software licensed under the GNU General Public License Version 2.0 (GPL V2.0),
- (4) the software licensed under the GNU LESSER General Public License, Version 2.1 (LGPL V2.1), and/or
- (5) open source software other than the software licensed under the V2.0 and/or LGPL V2.1.

The software categorized as (3) - (5) are distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. Please refer to the detailed terms and conditions thereof shown in the  *Operating Instructions - Reference Manual* "Appendix" "Software License".

At least three (3) years from delivery of this product, Panasonic will give to any third party who contacts us at the contact information provided below, for a charge no more than our cost of physically performing source code distribution, a complete machine-readable copy of the corresponding source code covered under GPL V2.0, LGPL V2.1 or the other licenses with the obligation to do so, as well as the respective copyright notice thereof.

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Web Site : <https://docs.connect.panasonic.com/pc/>

**Panasonic Connect North America**

Two Riverfront Plaza

Newark, NJ 07102

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