



LG EASY GUIDE

# NOTEBOOK

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14Z90P Series

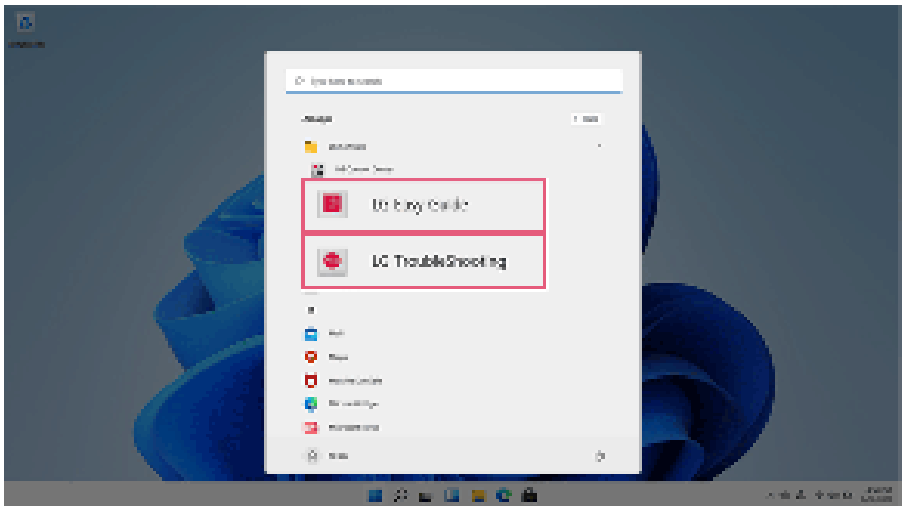


# Instruction / Safety Information

## Using LG Easy Guide, LG TroubleShooting

LG Electronics Inc. provides **LG Easy Guide** (User's Guide) and **LG TroubleShooting** (Troubleshooting Guide) to users for their easy and convenient use of the product.

- Select the Start button [  ] > [All apps] > [LG Software] and run [LG Easy Guide] or [LG TroubleShooting].



## Information/Precautions Before Using

Before reading **LG Easy Guide**, first check the following information.

- This **LG Easy Guide** has been written for the Windows 11 operating system.
- The screen and menu configurations may differ from this manual depending on the status of the Windows and software update.
- Representative images are used in **LG Easy Guide**. Product purchased may differ in appearance and color.
- **LG Easy Guide** includes instruction about optional products. There may be information about products you did not purchase.
- The contents of **LG Easy Guide** are subject to change without prior notice.
- Use, duplication, or reproduction of any part of **LG Easy Guide** without prior permission from LG Electronics Inc. is strictly prohibited.
- LG Electronics Inc. does not provide warranty for data loss. In order to minimize damage from data loss, please make backup copies of important data.
- The optical disk drive (DVD, CD-ROM, etc.) is optional and may not be provided upon purchasing the product.
- Manufacturers and installers cannot provide services related to human safety as this wireless device may cause radio interference.

### Safety Precaution Notations

The below symbols are to inform you of dangers and safety concerns that you must be aware of. Read the symbol-indicated instructions with caution to avoid any possible mishap.



#### WARNING

Appears in the case of noncompliance with the instruction that may cause serious physical damage or fatal injuries.



#### CAUTION

Appears in the case of noncompliance with the instruction that may cause minor damage to the body or the machine.

### Text Notations

The symbols below are used to display information required to use the product. Familiarize yourself with the instructions marked by the symbols to ensure proper operation of the product.

**TIP**

Indicates that the following information is added to help the user utilize the machine more conveniently.

**OPTION**

The Option symbol indicates that the concerned device is not included in the product package and thus has to be purchased separately, or the device may not be applied to the user's machine depending on model type.

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**LG Easy Guide** may contain undetectable errors despite our dedicated efforts to provide users with reliable information. We ask for your understanding.

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Country of Origin	China
Manufacturer	LG Electronics Inc.

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In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to [opensource@lge.com](mailto:opensource@lge.com).

This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

#### System Protection Feature

If the system becomes too hot, the system protection feature automatically stops recharging and switches the power mode to Hibernate or Off.

The PC system has to cool down before it can be reactivated.

## Information on Hard Drive / Memory Capacity

### Information on Hard Drive (HDD, SSD, eMMC) Capacity

The hard drive capacity shown by Windows is lower than that stated by the hard drive manufacturer due to a difference in calculation.

Manufacturer	Hard drive manufacturers use a decimal definition of 1 KB = 1,000 Bytes. <b>100 GB Storage Device (HDD, SSD, eMMC): 100,000 MB / 1,000 Bytes = 100 GB</b>
Windows	Windows use the binary definition of 1 KB = 1,024 Bytes. <b>100 GB Storage Device (HDD, SSD, eMMC): 100,000 MB / 1,024 Bytes = 97.6 GB</b>







### RAM Capacity

RAM capacity shown by Windows may be lower than the actual capacity because the PC uses shared memory for BIOS and the integrated graphics card.

Due to BIOS using shared memory, 1,024 MB RAM may be reported as 1,022 MB or slightly less.

If the PC has integrated graphics card, 1,024 MB RAM may be reported as 1,022 MB or less than 1,000 MB.

## Symbols

	Refers to alternating current (AC).
	Refers to direct current (DC).
	Refers to class II equipment.
	Refers to stand-by.
	Refers to "ON" (power).
	Refers to dangerous voltage.

## Adjusting Volume (headset and speakers)

Check the volume before listening to music.



### CAUTION



- Before using the headset, check if the volume is too high.
- Do not use the headset too long.

## Important Safety Precautions

Please use the machine in the proper environment to extend the machine's lifespan. Use the machine in a safe and stable place.

**The warranty does not cover any damage resulting from reckless use or use in undesirable environments.**

## Product Installation/Usage Precautions

**CAUTION****Place the machine in a safe place so it does not fall.**

- If dropped, the machine may be damaged or cause an injury.

**Use the product in a clean, dust-free environment.**

- Otherwise, the system may not function properly.

**Do not place any objects within 6 inches of the PC.**

- Lack of ventilation may overheat the PC from inside and put users at risk of burn injuries.

**Do not store or use the PC near a magnetic object (i.e. a bag with a magnetic object, a diary, a wallet, a memo board, high-powered speakers, a bracelet, or etc.).**

- Otherwise, the storage device (HDD, SSD, eMMC) and the system may be damaged, and the system may fail to operate properly.

**Do not use the PC on a bag with magnetic objects attached to it.**

- Otherwise, the storage device and the system may be damaged, and the system may fail to operate properly.

**Operate the product where there is no electromagnetic interference.**

- Keep a proper distance between the PC and electronic appliances such as radios or speakers that generate strong magnetic fields.
- Otherwise, data may be lost from the storage device (HDD, SSD, eMMC) or the LCD color may be damaged.

**Do not connect a key-phone line to a wired LAN port.**

- A fire may occur or the product may get damaged.

**If the LCD screen is damaged, do not touch LCD with your hands.**

- Contact the service center as it may cause an injury.

**Do not leave any objects such as a pen between the keypad and the LCD.**

- You might break the LCD by unwittingly closing it with a foreign object remaining on the pad.

**Do not press or scratch the LCD with a sharp object.**

- It may cause impairment.

**Ensure the power is off before shutting the LCD.**

" The product may catch fire, be broken or deformed due to temperature rise.

**Do not impose excessive force on the LCD screen or drop it.**

" You may break the LCD glass panel.

**Do not lean the LCD screen backward too much. Do not apply too much force to the LCD screen.**

" The LCD screen or the moving parts may be damaged.

**To clean the LCD screen, use designated agents and soft cloth and rub the screen in one direction.**

" Too much force may damage the LCD screen.

**When handling PC parts, follow the instructions in the manual.**

" Otherwise, the product may get damaged.

**Install a vaccine program on your PC and do not download illegal programs nor access any corruptive web site such as those pushing pornographic contents.**

" The system may be infected and impaired.

**Do not insert devices other than designated ones in the ports.**

" Otherwise, the product may get damaged.

**Do not press the eject button while the optical disk drive (CD/DVD/Blu-ray) is running.**

" An error may occur or the disc may be ejected, causing injury.

**Do not use a damaged optical disc (CD/DVD/Blu-ray).**

" Otherwise, the product may get damaged or cause physical injury.

**Avoid using a wireless LAN connection within the 16 foot radius of a microwave or plasma lamp. If you have to use wireless LAN and a plasma bulb within the range, do so between channels 11 and 13.**

" The transmission rate may drop even if the connection is made.



**Turn off the PC if you are not going to use it for an extended period of time.**

" It may overheat the battery.



**Make sure that the memory cover is securely closed before turning on the PC.**

" Do not use the machine when the memory cover is open. It may damage the machine.



**Please use parts certified by LG Electronics Inc.**

" Otherwise, a fire or product damage may occur.



**If there is a problem with peripheral devices, contact the device manufacturer.**

" The product may get damaged.



**Handle devices and parts of the machine with care.**

" The product may get damaged.



**Do not drop any part or device of the machine while disassembling it.**

" If dropped, it may be damaged and cause an injury.

**WARNING****Dispose of the desiccating agent and plastic wrap properly.**

- The desiccating agent and plastic wrap may cause suffocation.

**Do not use the machine in damp places like a laundry room or bathroom.**

- Moisture may cause a glitch or electric shock.
- Please use the machine within the appropriate temperature range (50 °F to 95 °F) and humidity range (20% RH to 80% RH).

**Clean the PC with a proper agent and dry it completely before using it again.**

- If the PC is wet while used, an electric shock or fire may occur.

**When lightning flashes in your area, disconnect the power, wired LAN and other connections.**

- An electric shock or fire may occur.

**Do not leave a cup or other containers filled with watery substance near the PC.**

- In the case that liquid goes inside the PC, a fire or electric shock may occur.

**If you have dropped or damaged the PC, disconnect the power and contact the local service center for a safety check.**

- If a damaged PC is used continuously, an electric shock or fire may occur.

**Do not put a lit candle or live cigarette on the PC.**

- A fire may occur.

**If you detect or smell smoke from the PC, stop use immediately and disconnect the power source before contacting your local service center.**

- A fire may occur.

**As the AC adapter can be hot, do not touch it with bare skin while using it.**

- Extended period of exposure may cause burn.

**The bottom of the PC gets hot when the system is in operation. Do not touch or put it on your lap.**

- Extended period of exposure may cause burn.

**Do not play PC games excessively.**

- Playing a PC game for an extended period of time may cause a mental disorder. It may also inflict physical impairments on the elderly and children.



**Do not put your finger or an object into PC ports.**

" An injury or electric shock may occur.



**Ask one of our engineers to run a safety check after your computer has been repaired.**

" Otherwise, an electric shock or fire may occur.



**For minors, we recommend a program that blocks access to illegal or pornographic web sites.**

" Minors' exposure to adult-only contents may inflict psychological instability or even trauma. Take extra precaution for your children if the whole family is using this machine.



**Keep the machine away from heat-emitting devices such as a heater.**

" The product may get deformed or catch on fire.



**Prevent children from thrusting their finger into the optical disk drive (CD/DVD/Blu-ray) tray.**

" The finger may be stuck in the tray and injured.



**Do not block the ventilation hole with any object.**

" Otherwise, an electric shock may occur.



**When upgrading your PC, turn off the power and disconnect the power cable, battery, and LAN.**

" There is a risk of electric shock or fire and the product may be damaged.



**When you upgrade the PC, ensure that children will not swallow any parts including bolts.**

" If a child swallows a nut, he or she may suffocate.

" In that case, seek emergency help immediately.



**Do not disassemble or modify the machine arbitrarily.**

" There is a risk of electric shock and the product may be no longer covered by the warranty.



**If you disassemble the PC, connect the power after reassembly is done.**

- There is a risk of electric shock or product damage, if you touch the disassembled PC.



**Do not put in metal items such as coins, hair pin or other irons or inflammables such as paper or matches. Especially, ensure that children will not do so.**

- There is a risk of product damage, fire, or electric shock.
- If any foreign substance gets in the product, unplug the product and contact the local service center.

**Product Storage/Transportation Precautions**



**CAUTION**



**Before carrying the machine, turn off the power and disconnect all the cables.**

- Otherwise, you may trip over the wire, damaging the PC and sustaining an injury.



**Do not carry the machine with the LCD open.**

- Otherwise, the product may get damaged.



**Protect the machine from any shock while carrying it.**

- System damage or an injury may result.



**Carry the product in a bag designed for it.**

- Carrying it in another type of bag may result in product damage.



**Do not put any heavy object on the PC.**

- There is the risk of malfunction. If the object were to fall, it may cause an injury or damage the machine.



**WARNING**



**During air travel, follow the directions of flight attendants.**

- Using the PC during flight may cause an aircraft accident.



**When leaving the machine in a car, avoid exposure to direct sunlight.**

- The product may get deformed or catch on fire due to a temperature rise.



**Do not put any heavy object on the power cable and AC adapter, and avoid damage from impacts.**

- A malfunction or fire may occur.



**Do not leave the powered-on PC in a space without enough ventilation (i.e. bags) for an extended or repeated time.**

- The battery may overheat and cause a fire.

## Battery and AC Adapter Precautions

**WARNING**

50%



**When the PC is not used for an extended period of time, keep the battery level at about 50 %.**

- Do not leave the product with discharged battery for an extended period of time. It may damage the battery.



**Charge the battery only with the provided instrument.**

- Otherwise, the battery may be damaged presenting a risk of fire.



**Do not throw or disassemble the battery.**

- The resulting damage may cause an injury, explosion, or fire.



**Use batteries certified and acknowledged by LG Electronics Inc.**

- Otherwise, an explosion or fire may occur.



**Prevent the battery from being in contact with any metallic object like a car ignition key or a paper clip.**

- Otherwise, this may cause damage to the battery, a fire or burn due to overheat in the battery.



**Keep the battery away from heat.**

- Otherwise, an explosion or fire may occur.



**Do not short-circuit the battery.**

- Otherwise, it may explode.



**Do not dispose of a spent or backup (standby) battery arbitrarily.**

- It may explode or cause a fire.
- Disposal methods may differ by country and region. Dispose of spent batteries in accordance with the laws and safety rules of the country and region you reside in.



**If you find leakage or smell bad odor from the battery, remove the battery and contact the local service center.**

" It may explode or cause a fire.



**Do not store in places with temperatures above 140 °F and high humidity (in cars or saunas).**

" It may explode or cause a fire.



**Keep the battery out of the reach of children or pets.**

" If damaged, it may cause an injury.



**Keep the battery from being pierced by a sharp object or chewed by pets.**

" It may explode or cause a fire.



**Do not put the battery in water.**

" Otherwise, the battery may be damaged or explode.



**Do not use the PC on top of carpet, blanket or bed. Also, do not put the adapter under the blanket.**

" This may cause a malfunction, fire or burn due to overheat in the PC and adapter.



**Read the battery usage precautions carefully before use.**

" The battery should be stored indoors and used and stored in accordance with the usage method described in the user manual.

**Connect the power plug properly by pushing it to the end.**

" If a contact failure occurs, it may cause product damage or fire.

**Do not bend the power cable for AC adapter too much or get stamped by a sharp object.**

" The wires inside the cable may break and cause electric shock or fire.

**Do not use loose plugs or damaged power cords.**

" An electric shock or fire may occur.

**Do not touch the power cord with your hands wet.**

" Otherwise, an electric shock may occur.

**Pull the plug, not the cord, to disconnect the AC adapter and power jack.**

" Otherwise, a fire or product damage may occur.

**Operate the product at the proper voltage.**

" Excessive voltage may result in damage on the product, electric shock or fire.

**Use power outlets with an earth pin installed and proper supply of rated electricity.**

" An electric leakage may cause an electric shock or fire.

" The shape of the power cord and outlet may differ by country and region.

**In the case of strange noise from the cord or plug, disconnect the power cord from the outlet immediately and contact the service center.**

" A fire or electric shock may occur.

**Use the power supply/adapter provided with the product and never disassemble the product.**

" Using a different product or disassembling it may cause an electric shock or fire.



**Always keep the AC adapter and power outlet clean.**

" A fire may occur.



**Keep children and pets from damaging the power cord.**

" It may cause a fire or an electric shock.



**Disconnect the PC completely before cleaning it.**

" Otherwise, an electric shock or impairment may occur.



**If the power/AC adapter or the product is soaked, disconnect the battery, power/AC adapter, and all other lines before contacting the local service center.**

" An electric shock or fire may occur.



**Ensure that the battery pack is locked to the machine after installation.**

" Otherwise, the battery may be damaged.

## Other Safety Precautions



### CAUTION



**Handle the machine with care to prevent loss of data from the storage device (HDD, SSD, eMMC).**

- Since the storage device is fragile, you need to back up your important data frequently.
- The manufacturer is not responsible for any storage device data loss caused by a user's mistake.



**Damage to the storage device (HDD, SSD, eMMC) and data loss may occur when:**

- External shocks are inflicted on the machine while disassembling or installing it.
- The machine is reset (i.e. restarted) or turned on again after a power outage while the storage device is operating.
- The PC is infected with a virus, tainting the data irrecoverably.
- Abrupt turning-off of the PC can damage the PC.
- If the product is moved, shaken or exposed to external shock while the storage device is running, file damage or bad sectors may occur.



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**To minimize data loss resulting from storage device damage (HDD, SSD, eMMC), frequently back up important data.**

" The manufacturer is not responsible for any data loss.



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**We do not refund or replace a product that malfunctions due to the installation or use of an operating system other than the one provided by LG Electronics Inc.**

" Some software applications may not work properly in other operating systems. Such malfunctions are not covered by the warranty.

## ENERGY STAR®

### ENERGY STAR®



#### ENERGY STAR® Specifications

- LG Electronics Inc. participates in ENERGY STAR® and the energy efficiency of this product complies with the specifications of ENERGY STAR®.
- ENERGY STAR® is a set of regulations that encourages manufacturers of electronic devices to create more energy efficient products.
- The energy consumption of this product was decreased along with the cost. Also, it helps preserve natural resources.
- The PC is set to switch to an alternate low power mode after 10 minutes of inactivity.
- To leave sleep mode, click a mouse button or press any key on the keyboard.

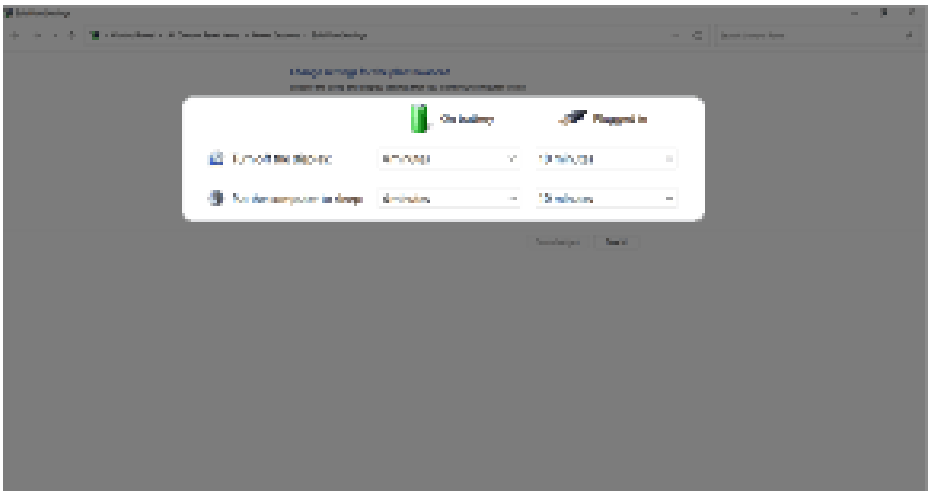
### Power Management Options

The power management options of this PC is configured as follows.



TIP

The settings of the power management options may be changed upon Windows update.



- **Turn off the display:** Turns off the screen when you don't use the PC for a set period of time.
- **Put the computer to sleep:** Switches to the Sleep mode when you don't use the PC for a set period of time.

## Regulatory Notices

## UK Notice



## ENGLISH


Hereby LG Electronics declares that the radio equipment type PC is in compliance with the relevant statutory requirements. The full text of the UK declaration of conformity is available at the following internet address:

<http://www.lg.com/global/support/cedoc/codoc>

The use of the 5150 – 5350 MHz band is restricted to indoor use only. This restriction exists in the United Kingdom (UK).

## European Union Notice



	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK(M)

## ENGLISH

Hereby LG Electronics declares that the radio equipment type PC is in compliance with Directive 2011/65/EU (RoHS).

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.lg.com/global/support/cedoc/codoc>

The use of the 5150 – 5350 MHz band is restricted to indoor use only.

This restriction exists in Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), Northern Ireland (UK(N)), Switzerland (CH), Iceland (IS), Liechtenstein (LI) and Norway (NO).

## ESPAÑOL

Por la presente, LG Electronics declara que el tipo de equipo de radio ordenador cumple con la Directiva 2011/65/UE.

El texto completo de la declaración de conformidad con la legislación de la Unión Europea es disponible en el siguiente sitio web:

<http://www.lg.com/global/support/cedoc/codoc>

El uso de la banda de 5150 a 5350 MHz está restringido a uso en interiores.

Esta restricción existe en Bélgica (BE), Bulgaria (BG), República Checa (CZ), Dinamarca (DK), Alemania (DE), Estonia (EE), Irlanda (IE), Grecia (EL), España (ES), Francia (FR), Croacia (HR), Italia (IT), Chipre (CY), Letonia (LV), Lituania (LT), Luxemburgo (LU), Hungría (HU), Malta (MT), Países Bajos (NL), Austria (AT), Polonia (PL), Portugal (PT), Rumanía (RO), Eslovenia (SI), Eslovaquia (SK), Finlandia (FI), Suecia (SE), Irlanda del Norte (UK(N)), Suiza (CH), Islandia (IS), Liechtenstein (LI) y Noruega (NO).

**PORTUGUÊS**

Pela presente, a LG Electronics declara que o computador tipo equipamento de rádio está em conformidade com a Diretiva 2014/53/UE.

O texto integral da declaração de conformidade da UE está disponível no seguinte endereço da Internet:

<http://www.lge.com/global/support/faq/electr/electr>

A utilização do modelo S1501 – S1501 M011 está limitada a seguintes idiomas:

Estabelecida também em: Bélgica (BE), Bulgária (BG), República Checa (CZ), Dinamarca (DK), Alemanha (DE), Estónia (EE), França (FR), Grécia (GR), Irlanda (IE), Itália (IT), Espanha (ES), França (FR), Finlândia (FI), Suécia (SE), Chipre (CY), Letónia (LV), Lituânia (LT), Luxemburgo (LU), Hungria (HU), Malta (MT), Holanda (NL), Áustria (AT), Polónia (PL), Portugal (PT), Roménia (RO), Eslovénia (SI), Eslováquia (SK), Finlândia (FI), Suécia (SE), Irlanda do Norte (UK(N)), Suíça (CH), Islândia (IS), Liechtenstein (LI) e Noruega (NO).

**POLSKI**

Niniejszym firma LG Electronics oświadcza, że komputer wykorzystujący sprzęt radiowy jest zgodny z dyrektywą 2014/53/UE.

Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem Internetowym:

<http://www.lge.com/global/support/faq/electr/electr>

Korzystanie z modelu S1501 – S1501 M011 jest ograniczone wyłącznie do następujących państw:

Dokumentacja jest wydajna w: Belgii (BE), Belgii (BG), Republice Czeskiej (CZ), Danii (DK), Niemczech (DE), i Estonii (EE), Francji (FR), Grecji (GR), Irlandii (IE), Hiszpanii (ES), Francji (FR), Finlandii (FI), Szwecji (SE), Cyprze (CY), Litwie (LV), Łotwie (LT), w Luksemburgu (LU), na Węgrzech (HU), na Malcie (MT), w Holandii (NL), Austrii (AT), Polsce (PL), Portugalii (PT), Rumunii (RO), Słowacji (SI), Słowacji (SK), Finlandii (FI), Szwecji (SE), Irlandii Północnej (UK(N)), Szwajcarii (CH), na Islandii (IS), w Liechtensteinie (LI) i Norwegii (NO).

**ITALIANO**

Con la presente, LG Electronics dichiara che l'apparecchiatura radio tipo PC è conforme con la Direttiva 2014/53/UE. Il testo completo della Dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:

<http://www.lge.com/global/support/faq/electr/electr>

Il uso della base S1501 – S1501 M011 è limitato a fuso orario e in ambienti interni.

La presente dichiarazione è valida in: Belgia (BE), Bulgaria (BG), Repubblica Ceca (CZ), Danimarca (DK), Germania (DE), Estonia (EE), Irlanda (IE), Grecia (EL), Spagna (ES), Francia (FR), Croazia (HR), Italia (IT), Cipro (CY), Lettonia (LV), Lituania (LT), Lussemburgo (LU), Ungheria (HU), Malta (MT), Paesi Bassi (NL), Austria (AT), Polonia (PL), Portogallo (PT), Romania (RO), Slovenia (SI), Slovacchia (SK), Finlandia (FI), Svezia (SE), Irlanda del Nord (UK(N)), Svizzera (CH), Islanda (IS), Liechtenstein (LI) e Norvegia (NO).

**DEUTSCH**

Hiermit erklärt LG Electronics, dass das Funkgerät vom Typ PC der EU Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung steht zur Verfügung unter folgender Internetadresse:

<http://www.lge.com/global/support/faq/electr/electr>

Das Frequenzband S1501 – S1501 M011 ist beschränkt auf die Benutzung in Innenräumen.

Diese Einschränkung beschränkt in: Belgien (BE), Bulgarien (BG), Tschechien (CZ), Dänemark (DK), Deutschland (DE), Estland (EE), Irland (IE), Griechenland (GR), Spanien (ES), Frankreich (FR), Finnland (FI), Schweden (SE), Zypern (CY), Letland (LV), Litauen (LT), Luxemburg (LU), Ungarn (HU), Malta (MT), Niederlande (NL), Österreich (AT), Polen (PL), Portugal (PT), Rumänien (RO), Slowakei (SK), Slowenien (SI), Schweden (SE), Finnland (FI), Schweiz (CH), Nordirland (UK(N)), Schweiz (CH), Island (IS), Liechtenstein (LI) und Norwegen (NO).

**ENGLISH**

CGI Electronics avertise faptul că PC tipul de radiotelefon este în conformitate cu Directiva 2014/53/UE privind.

Az 11.0-meglejtésről nyilatkozik, teljes körűen ellenőrizte a készülék műszaki adatait.

<http://www.lg.com/global/support/cdo/codoca>

Az 5150 - 5350 MHz-es sáv használatát csak beltérben megengedték.

En la conformidad Belarúsban (BE), Bulgáriában (BG), a Cseh Köztársaságban (CZ), Dániában (DK), Németországban (DE), Észtországban (EE), Finnországban (FI), Görögországban (EL), Spanyolországban (ES), Franciaországban (FR), Horvátországban (HR), Olaszországban (IT), Cipruson (CY), Lettországban (LV), Litvánia (LT), Luxemburgban (LU), Magyarországban (HU), Málta (MT), Hollandiában (NL), Ausztriában (AT), Portugáliában (PT), Romániában (RO), Szlovéniában (SI), Szlovákia (SK), Finnországban (FI), Svédországban (SE), Liechtenstein (LI) és Norvégia (NO) Ázsiában.

**NEUTRAL/ENDE**

Uredni se izjavlja, da je ovaj telefon, koji je tipa radiotelefon, u skladu sa zahtevima iz Direktive 2014/53/EU.

De volledige tekst van de EU-conformiteitsverklaring kan worden gevonden op het volgende internetadres:

<http://www.lg.com/global/support/cdo/codoca>

De 5150 - 5350 MHz band kan alleen binnenshuis worden gebruikt.

Deze beperking geldt voor België (BE), Bulgarije (BG), Tsjechië (CZ), Denemarken (DK), Duitsland (DE), Estland (EE), Finland (FI), Griekenland (EL), Spanje (ES), Frankrijk (FR), Kroatië (HR), Italië (IT), Cyprus (CY), Letland (LV), Litouwen (LT), Luxemburg (LU), Hongarije (HU), Malta (MT), Nederland (NL), Oostenrijk (AT), Polen (PL), Portugal (PT), Roemenië (RO), Slovenië (SI), Slowakei (SK), Finland (FI), Zweden (SE), Noord-Ierland (UK(NI)), Zwitserland (CH), Liechten (LI), Denemark (DK) en Noorwegen (NO).

**ROMÂNĂ**

Prin prezenta, CGI Electronics declară că tipul de echipament radio de computer este personal (PT) este în conformitate cu Directiva 2014/53/UE.

Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:

<http://www.lg.com/global/support/cdo/codoca>

Utilizarea benzii de 5.150 - 5.350 MHz este restricționată doar la interior.

Acastă restricție există în: Belgia (BE), Bulgaria (BG), Republica Cehă (CZ), Danemarca (DK), Germania (DE), Estonia (EE), Irlanda (IE), Grecia (EL), Spania (ES), Franța (FR), Croația (HR), Italia (IT), Cipru (CY), Letonia (LV), Lituania (LT), Luxemburg (LU), Ungaria (HU), Malta (MT), Olanda (NL), Austria (AT), Polonia (PL), Portugalia (PT), România (RO), Slovenia (SI), Slovacia (SK), Finlanda (FI), Suedia (SE), Islanda de Nord (UK(NI)), Elveția (CH), Liechten (LI) și Norvegia (NO).

**FRANÇOIS**

Par la présente, LG Electronics déclare que l'équipement radio de type PC est en conformité avec la Directive 2014/53/UE.

Le texte complet de la déclaration UE de conformité est disponible à l'adresse Internet suivante:

<http://www.lg.com/global/support/cdo/codoca>

Utilisation de la bande 5 150 - 5 350 MHz est limitée à l'usage en intérieur.

Cette restriction s'applique en Belgique (BE), Bulgarie (BG), République tchèque (CZ), Danemark (DK), Allemagne (DE), Estonie (EE), Irlande (IE), Grèce (EL), Espagne (ES), France (FR), Croatie (HR), Italie (IT), Chypre (CY), Lettonie (LV), Lituanie (LT), Luxembourg (LU), Hongrie (HU), Malte (MT), Pays Bas (NL), Autriche (AT), Pologne (PL), Portugal (PT), Roumanie (RO), Slovénie (SI), Slovaquie (SK), Finlande (FI), Suède (SE), France du Nord (UK(NI)), Suisse (CH), Islande (IS), Liechtenstein (LI) et Norvège (NO).

**CE RF Radiation Exposure Statement:**

Caution This equipment complies with European RF radiation exposure limits for SAR (Specific Absorption Rate). This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## External Power Supply Information

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Manufacturer's name or trade mark, commercial registration number and address	Model identifier	Input voltage V	Input AC frequency Hz	Output voltage V	Output current A	Output power W	Average active efficiency %	Efficiency at low load (10%) %	No load power consumption W
Manufacturer: LG Electronics Inc.  Commercial registration number: 107 00 14075 Address: LG Twin Towers, 128 Yeouido Street, Yongsong-gu, Seoul, 07100, Korea	ADI- 05091 001 2	100-240	50-60	5.0	3.0	15.0	87.59	87.41	0.00
				9.0	3.0	27.0	87.51	84.15	0.08
				15.0	3.0	45.0	86.00	81.29	0.00
				20.0	3.25	65.0	80.68	81.20	0.08

	English	German	Italian	Polish	Portuguese
(1)	Manufacturer's name or trade mark, commercial registration number and address	Nome della ditta/identificativo della ditta/numero di registrazione commerciale e indirizzo	Nome e marchio del fabbricante, numero di registrazione e indirizzo della impresa e indirizzo del fabbricante	Nazwa i adres towary producenta, numer rejestracji handlowego i adres	Marca comercial do fabricante e endereço da empresa e endereço do fabricante
(2)	Model identifier	Modellkennung	Identificativo del modello	Identyfikator modelu	Identificador do modelo
(3)	Input voltage V	Eingangsspannung	Tensione di ingresso	Napięcie wejściowe	Tensão de entrada
(4)	Input AC frequency Hz	Eingangswahlstromfrequenz	Frequenza di ingresso CA	Współczesność napięcia przelazowego	Frequência de alimentação de CA
(5)	Output voltage V	Ausgangsspannung	Tensione di uscita	Napięcie wyjściowe	Tensão de saída
(6)	Output current A	Ausgangsstrom	Corrente di uscita	Prąd wyjściowy	Corrente de saída
(7)	Output power W	Ausgangsleistung	Potenza di uscita	Moc wyjściowa	Potência de saída
(8)	Average active efficiency %	Durchschnittliche Effizienz im Betrieb	Rendimento medio in modo attivo	Średnia sprawność podczas pracy	Eficiência média no modo ativo
(9)	Efficiency at low load (10%) %	Effizienz bei geringer Last (10%)	Rendimento a basso carico (10%)	Sprawność przy małym obciążeniu (10%)	Eficiência a carga baixa (10%)
(10)	No load power consumption W	Leistungsaufnahme bei Nulllast	Potenza assorbita nella condizione a vuoto	Zużycie energii w stanie bez obciążenia	Consumo energético em vazio

	English	French	Spanish	Portuguese	Hungarian	Romanian
(7)	Manufacturer's name or trade mark, commercial registration number and address	Răsun social de marcă al producătorului sau al distribuitorului comercial al produsului	Numele o marci, numărul del registro comercial y dirección de fabricación	Marca comercial do nome, número do registro comercial e endereço de fabricação	A gyártó neve vagy cégneve, cégjegyzékszámja és címe	Denumirea produsului sau marca comercială, numărul de înregistrare la Registrul Comerțului și adresa
(8)	Model identifier	Referința de model	Identificador del modelo	Identificador do modelo	Modelnuméro	Identificatorul de model
(9)	Input voltage V	Tensiunea de intrare	Tensión de entrada	Tensão de entrada	Bemértő feszültség	Tensiunea de intrare
(10)	Input AC frequency Hz	Frecvența de CA nominală	Frecuencia de la CA de entrada	Frequência da alimentação de CA	Bemértő hálózati frekvencia	Frecvența de alimentare
(11)	Output voltage V	Ieșirea de tensiune	Ieșirea de tensiune	Ieșirea de tensiune	Kimenő feszültség	Ieșirea de tensiune
(12)	Output current A	Current de ieșire	Intensidad de salida	Corrente de saída	Kimenő áramerősség	Current de ieșire
(13)	Output power W	Potențiență de ieșire	Potencia de salida	Potência de saída	Kimenő teljesítmény	Potența de ieșire
(14)	Average utility efficiency %	Rendement moyen en mode util	Eficiencia media en activo	Eficiência média no modo ativo	Átlag használatos üzemi állapot hatásfok	Rendement mediu în mod util
(15)	Efficiency at low load (10 %) %	Rendement à faible charge (10 %)	Eficiencia a baja carga (10 %)	Eficiência a carga baixa (10%)	Hatásfok alacsony (10 %-os) terhelésnél	Rendement la sarcină redusă (10 %)
(16)	No-load power consumption W	Consumation Alimentie în idle	Consumo eléctrico en vacío	Consumo energético em vazio	Ünnyeltes fogyasztás az energiatakarékos üzemi állapotban	Potența absorbită în regim fără sarcină

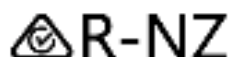
## Australia/New Zealand Notice

### Exposure to radio frequency energy

#### Radio wave exposure and Specific Absorption Rate (SAR) Information

This product has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

- The equipment complies with the RF Exposure Requirement: 1999/519/EC, Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields from 0 Hz to 300 GHz.
- The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2 W/kg averaged over 10g of tissue.
- The highest SAR value for this model can be body is less than 0W/kg (10g)



### RF Radiation Exposure Statement

The use of the 5,150 – 5,350 MHz band is restricted to indoor use only. This restriction exists in the countries Australia (AU) and New Zealand (NZ). (For Wi-Fi/Bluetooth built-in model or Wi-Fi built-in model)

## Brazil Notice

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Para maiores informações, consulte o site da ANATEL  
– [www.anatel.gov.br](http://www.anatel.gov.br)

## SAFETY REGULATION NOTICE

### Battery

#### ITALIANO

- Risk of fire or explosion if the battery is replaced by an incorrect type.
- Replacement of a battery with an incorrect type (flat or sealed) is prohibited (for example, in the case of some lithium battery types).  
Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery that can result in an explosion. Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low or pressure that may result in an explosion or the leakage of flammable liquid or gas. Do not store or transport at pressure lower than 11.6 kPa (1.68 ps) and at above 15 000 m (49212.3 feet) altitude.

#### ESPAÑOL

Existe riesgo de explosión si se cambia la batería por una de un tipo incorrecto.

Sustitución de la batería por un tipo de batería incorrecto que puede anular los mecanismos de seguridad (por ejemplo, en el caso de algunos tipos de batería de litio).

- Colocación de una batería en el fuego o en un horno caliente, o explésionamiento o corte mecánico de una batería, que pueden provocar una explosión.
- Colocación de una batería en un entorno con una temperatura extremadamente alta que puede provocar una explosión o la fuga de líquido o gas inflamable.  
Una batería sometida a una presión del aire extremadamente baja que puede provocar una explosión o la fuga de líquido o gas inflamable.
- No almacenar ni transportar a una presión inferior a 11,6 kPa o a una altitud superior a 15 000 m.

**ENGLISH****RISCHIO**

- Rischio di incendio o esplosione se la batteria for substituita per una di tipo incommo.
- A substituação de bateria por uma do tipo incorreto pode desativar um sistema de segurança (por exemplo, no caso de algumas baterias de lítio).
- A substituição de uma bateria no fogão ou num forno quente ou o esvaziamento ou o corte mecânico de uma bateria pode resultar numa explosão.
- Deixar uma bateria num ambiente de temperatura extremamente alta pode resultar numa explosão ou na fuga de líquidos ou gases inflamáveis.
- Uma bateria sujeita a pressão elevada extremamente baixa poderá resultar numa explosão ou na fuga de líquidos ou gases inflamáveis.
- Não conservar nem transportar a pressão inferior a 11,5 kPa e acima de 15.000 m de altitude.

**RISIKO**

- Ryzyko pożaru lub wybuchu w przypadku wymiany baterii na niezgodny typ.
- Wymiana baterii na niewłaściwy typ może spowodować unieruchomienie zabezpieczeń (np. w przypadku niektórych typów baterii litowych).
- Wstawienie baterii do ognia lub ciepłego piekarnika lub mechaniczne uszkodzenie albo przedocie baterii może spowodować wybuch.
- Przechowywanie baterii w środowisku o bardzo wysokiej temperaturze może spowodować wybuch lub wysięk niebezpiecznej cieczy lub gazu.
- Niezgodne baterie mechanicznie uszkodzone mogą spowodować wybuch lub wysięk niebezpiecznej cieczy lub gazu.
- Nie przechowywać ani transportować przy ciśnieniu niższym niż 11,5 kPa (lub na wysokości powyżej 15.000 m).

**ITALIANO**

- Rischio di incendio o esplosione se la batteria viene sostituita con una di tipo non corretto.
- La sostituzione della batteria con una di tipo non corretto può compromettere le sicurezze (ad esempio nel caso di alcune batterie al litio).
- Lo smaltimento delle batterie nel fuoco o in un forno caldo, o lo svuotamento meccanico o il taglio delle batterie può provocare un'esplosione.
- Esposizione delle batterie ad ambienti circostanti con temperature estremamente alte può causare un'esplosione o la fuoriuscita di liquidi e gas infiammabili.
- Esposizione delle batterie a pressioni estremamente basse può causare un'esplosione o la fuoriuscita di liquidi o gas infiammabili.
- Non conservare né trasportare a pressioni inferiori a 11,5 kPa e ad altitudini superiori a 15.000 m.

**DEUTSCH**

- Wird die Batterie durch einen anderen, falschen Typ ersetzt, besteht Explosions- und Brandgefahr.
- Wird die Batterie durch eine anderen, falschen Typ ersetzt, kann möglicherweise die Sicherung deaktiviert werden (das ist zum Beispiel bei einigen Lithium-Batterien der Fall).
- Wird eine Batterie erhitzt, indem Sie in einen Ofen geworfen wird oder mechanisch zerstört oder verschliffen wird, besteht Explosionsgefahr.
- Wird die Batterie in einer Umgebung unter hohem heißen Temperatur belassen, besteht Explosionsgefahr oder es kann entflammbare Flüssigkeit oder entflammbares Gas austreten.
- Wird die Batterie extrem niedrigem Luftdruck ausgesetzt, besteht Explosionsgefahr oder es kann entflammbare Flüssigkeit oder entflammbares Gas austreten.
- Nicht bei einem Druck höher als 11,5 kPa oder in über 15.000 m Höhe über dem Meeresspiegel lagern oder transportieren.

**MAGYAR**

Tűz vagy robbanásveszély, ha az akkumulátor nem megfelelő típusúra cserélik.

- Az akkumulátor csereje nem megfelelő típusúra, amely védtelen jelöléssel (például néhány lítium-oxid típusú) történik.
- Az elemek túlzott vagy túlsúlyos töltésben való meggyújtása, vagy az elemek mechanikus beavatkozása vagy szivárgás okozhat robbanást.

Ha akkumulátor rendkívül magas hőmérsékletű környezetben használja, az robbanást vagy gyúlékony folyadék vagy gáz szivárgást okozhat.

- Ha az akkumulátor rendkívül alacsony légnyomással van töltve, az robbanást vagy gyúlékony folyadék vagy gáz szivárgást okozhat.
- Ne tárolja és ne szállítsa 11,6 kPa-nál alacsonyabb nyomáson és 15 000 m magasság felett.

**NEDERLANDS**

Brand- of explosiegevaar als de batterij wordt vervangen door een onjuist type.

Het vervangen van de batterij door een batterij van het foute type, kan een veiligheidsmechanisme (bijvoorbeeld bij enkele types van lithiumbatterijen).

- Een batterij in een vuur of een hete oven werpen of een batterij wepelen of smelten, kan leiden tot een explosie.
- Een batterij achterlaten in een omgeving met een redelijk hoge temperatuur, kan leiden tot een explosie of het lekken van brandbare vloeistof of gas.

Een batterij blootstellen aan een extreem laag luchtdruk, kan leiden tot een explosie of het lekken van brandbare vloeistof of gas. (Niet bewaren of vervoeren bij een druk lager dan 11,6 kPa en een hoogte van meer dan 15.000 m.

**ROMÂNĂ**

- Dacă se expune decât bateria este instalată cu un tip incorect.
- Înlocuirea unei baterii cu un tip incorect poate provoca prăbușirea (de exemplu, în cazul unui tip de baterii litium). Eliminarea unei baterii în foc sau cuptor fierd, prin zdrobirea mecanică sau tăierea poate conduce la o explozie.

Lăsarea unei baterii într-un mediu înconjurător cu o temperatură extrem de ridicată poate conduce la o explozie sau la scurgerea de lichid sau gaz inflamabil.

- O baterie supusă unei presiuni aerului extrem de scăzută poate rezulta în scurgerea de lichid sau gaz inflamabil.
- Nu stocați sau transportați la presiuni mai mici de 11,6 kPa și la înălțimi mai mari de 15000 m.

**FRANÇAIS**

- Risque d'incendie ou d'explosion si la batterie est remplacée par une batterie d'un type incorrect.
- Le remplacement par une batterie d'un type incorrect peut annuler un dispositif de sécurité (par exemple, dans le cas de certaines batteries au lithium).

Éliminer une batterie dans le feu ou un four chaud, brasser mécaniquement ou la couper peut provoquer une explosion.

- Laisser une batterie dans un environnement à très haute température peut provoquer une explosion ou une fuite de liquide ou de gaz inflammable.

- Laisser une batterie dans une pression extrêmement basse peut provoquer une explosion ou une fuite de liquide ou de gaz inflammable.

Ne pas stocker ni transporter à des pressions inférieures à 11,6 kPa et à une altitude supérieure à 15 000 m.

**FRANÇAIS (CANADA)**

- Risque d'incendie ou d'explosion si la batterie est remplacée par un type incorrect.
- Remplacement d'une batterie par un type incorrect qui peut faire échouer un dispositif de protection (par exemple, dans le cas de certaines types de batteries au lithium).

- L'incendie d'une batterie dans un feu ou un four chaud, ou brassement ou découpe mécanique d'une batterie qui peuvent entraîner une explosion.

- Laisser une batterie dans un environnement extrêmement chaud qui peut entraîner une explosion ou une fuite de liquide ou de gaz inflammable.

Une batterie soumise à une pression d'air extrêmement basse qui peut entraîner une explosion ou une fuite de liquide ou de gaz inflammable.

Ne pas stocker ni transporter à des pressions inférieures à 11,6 kPa et à plus de 15 000 m d'altitude.

## العربية

خطر حدوث حريق أو حدوث انفجار إذا تم استبدال البطارية بنوع غير صحيح.  
 لا يؤدي استبدال البطارية بنوع غير صحيح إلى إبطان المصباح (على سبيل المثال، في حالة العثور على نوع بطاريات الليثيوم).  
 لا يؤدي التخلص من البطارية في النار أو في فراغ سام، أو تشويشها أو طعنها ميكانيكياً إلى حدوث انفجار.  
 لا يؤدي ترك البطارية في بيئة ممتلئة بالرطوبة عالية للغاية إلى حدوث انفجار أو تشويش سائل أو غير قابل للتصالح.  
 - وزني أكثر من 100 جرام (3.5 أونصة) أو أكثر من 100 مم (4.0 بوصة) في العرض أو أكثر من 15000 مل (0.4 غالون) في الحجم أو أكثر من 100 مم (4.0 بوصة) في العرض أو أكثر من 100 مم (4.0 بوصة) في العرض أو أكثر من 15000 مل (0.4 غالون) في الحجم.

## Australia Notice

- The appliance is not intended for use by young children or infirm persons without supervision.
- Young Children should be supervised to ensure that do not play with appliance.
- If the appliance is supplied from a cord extension set on an electrical portable outlet device.

The cord extension set on electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture.

## USA

### FCC Notice (For USA)

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 to 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.

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. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's warranty for operation of the equipment.

### FCC Radio Frequency Interference Requirements (for UNII devices)

High power radars are allocated as primary users of the 5.25 to 5.85 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. This device cannot be co-located with any other transmitter.

### FCC/IC Radio Frequency Exposure

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 (RFE) in the microwave range while being used. Whereas high levels of RFE can produce heat (hot beds) (by heating tissue), exposure to low level RFE that does not produce heating effects causes no known adverse health effects. Many studies of low level RFE 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 device has been tested and found to comply with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) exposure Guidelines in Supplement C to OET-65 and RSS-102 of the IC radio frequency (RF) Exposure rules (0.10W/kg).

#### Supplier's Declaration of Conformity

Trade Name	LG
Responsible Party	LG Electronics USA, Inc.
Address	111 Sylvan Avenue, North Building Englewood Cliffs, New Jersey 07632
Email	lg.environmental@lge.com

## CANADA

### Industry Canada Statement (For Canada)

[For having wireless function (WLAN, Bluetooth, ...)]

This device contains licence exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause unintended operation of the device.

### FCC/IC Radio Frequency Exposure

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 to 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 device has been tested and found to comply with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the IC radio frequency (RF) exposure Guidelines in Supplement C to IC ENB and ENB-102 of the IC radio frequency (RF) exposure rules (c.1.5000/02).

### WARNING

[For product having the wireless function using 5 GHz frequency bands]

The device for operation in the band 5150 - 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems:

- a. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the equipment;
- b. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725 - 5850 MHz shall be such that the equipment still complies with the e.i.c.p. limits as appropriate; and
- c. [for devices operating in the band 5250-5350 MHz having an e.i.c.p. greater than 200 mW] antenna type(s), antenna model(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.c.p. elevation mask requirement set forth in section 6.2.2.1 of ENB-24.7 shall be clearly indicated.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250 - 5350 MHz and 5600 - 5850 MHz and that these radars could cause interference and/or damage to IEEE 802.11n devices.

### Avis d'Industrie Canada

[Pour la fonction sans fil (WLAN, Bluetooth, etc.)]

Cet appareil/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Exposition aux radiofréquences FCC/IC

Selon les preuves scientifiques disponibles, aucun problème de santé n'est associé à l'utilisation d'appareils sans fil de faible puissance. Bien que nous ne pouvons pas garantir que nos appareils sont absolument sans danger, lorsqu'ils sont utilisés, les appareils sans fil de faible puissance émettent de faibles niveaux d'énergie radiofréquence (RF) dans la gamme des hyperfréquences. Bien que les niveaux élevés de radiofréquence puissent avoir un effet sur la santé (réchauffement des tissus), l'exposition à de faibles niveaux n'ayant pas d'effet thermique n'a aucun impact négatif connu sur la santé.

De nombreuses études sur l'exposition aux radiofréquences de faible puissance n'ont révélé aucun effet biologique. Certaines d'entre elles ont suggéré même qu'il pourrait y avoir de tels effets, mais leurs résultats n'ont pas été confirmés par des recherches supplémentaires. Les données scientifiques ont été testées et se sont avérées conformes aux limites d'exposition aux rayonnements définies par la FCC et IC pour finalement non contrôlé. Ils répondent aux règles sur l'exposition aux rayonnements (R) (radiofréquence) de la FCC et à celles de la norme ICES-1125 (R).

## AVERTISSEMENTS

[Pour les produits ayant la fonction sans fil utilisant des bandes de fréquences de 5 GHz]

- I. Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- II. Pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de la pièce;
- III. Pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la pièce spécifiée, selon le cas;
- IV. [Pour les dispositifs fonctionnant dans la bande de 5 250 à 5 350 MHz ayant une puissance de plus de 1000 mW], les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les prescriptions d'installation nécessaires pour rester conforme à l'exigence de la pièce, qu'il s'agisse en moyenne d'installation, énumérée à la CBM-2017 section 6.2.2.1, doivent être clairement indiqués.

Les utilisateurs doivent également savoir que les radars de grande puissance sont attribués en tant qu'utilisateurs principaux (c'est-à-dire les utilisateurs prioritaires) des bandes de 5250 à 5350 MHz et de 5650 à 5850 MHz et que ces radars peuvent causer des interférences avec les appareils LE LAN et/ou les endommager.

電波法により5.2GHz帯(W52)高出力データ通信システムの基地局又は陸上移動局と通信する場合を除き、5.2GHz帯及び5.3GHz帯(W57/W53)の屋外使用は禁止されています。



- 1 Wi-Fi この表示のある無線機器は、2.4 GHz帯を使用しています。変調方式としてDS-SS方式およびFHSS方式を採用し、与干渉距離は40 mです。
- 2 For Motion remote (Bluetooth) この表示のある無線機器は、2.4 GHz帯を使用しています。変調方式としてFH-SS方式を採用し、与干渉距離は10 mです。

#### <本製品の使用上の注意事項>

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

- 3 この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認して下さい。
- 4 万一、この機器から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にて連絡頂き、混信回避のための処置等(例えば、パーティションの設置など)についてご相談下さい。
- 5 その他、この機器から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときは、次の連絡先へお問い合わせ下さい。

#### 連絡先:

<b>LG Electronics Japan (株)カスタマーセンター</b>	
固定電話から	携帯電話・PHSから
 <b>0120-813-023</b>	 <b>0570-200-980</b>
FAX番号はご遠慮下さい。ダイヤル、ナビダイヤルがご利用いただけます。	
TEL: 03-5757-2111   FAX: 03-5757-2115	
受付時間 09:00~18:00 (年末年始および平日お昼を除く)	

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

RF モジュール: Intel® AX201D2W



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D180132003



R

003-180233



- 最善な資源を再利用し、環境破壊を減らすために、不要になった電池は廃棄せず、充電式電池リサイクル店へお持ち下さい。
- 最新のリサイクル店案内の詳細は、一般社団法人 JIRC のホームページをご覧ください。  
ホームページ: <http://www.jirc.com>

**警告**

如果更換不正確之電池型式會有爆炸的風險  
請依製造商說明書處理用過之電池

**警語**

使用過度恐傷害視力。

**⚠ 注意事項**

- 使用30分鐘請休息10分鐘。
- 未滿2歲幼兒不看螢幕，2歲以上每天看螢幕不要超過1小時。

**[關於具有無線功能 (無線區域網路、藍牙、...)]**

根據低功率射頻器材技術規範 規定

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

販賣商：台灣樂金電器股份有限公司

地址：台北市內湖區基湖路3巷47號6樓

(02) 2627-2788



廢電池 請回收

CMIIT ID 用产品铭牌方式标识

## Information for Environmental Preservation

### ENGLISH

#### Information for Environmental Preservation

LGE announced the LGE Declaration for a Cleaner Environment in 1994, and this ideal has served as a guiding managerial principle ever since. The Declaration is a foundation that has allowed us to undertake environmentally friendly activities in careful consideration of economic, environmental, and social aspects.

We promote activities for environmental preservation, and we specifically develop our products to embrace the concept of environment-friendly. We minimize the hazardous materials contained in our products. For example, there is no cadmium to be found in our product.

#### Information for recycling

This product may contain parts which could be hazardous to the environment. It is important that this product be recycled after use.

LGE handles all waste product through an environmentally acceptable recycling method. There are several take-back and recycling systems currently in operation worldwide. Many parts will be reused and recycled, while harmful substances and heavy metals are treated by an environmentally friendly method.

If you want to find out more information about our recycling program, please contact your local ITI service or a corporate representative of LGE.

We set our vision and policies on a cleaner world by selecting the issue of the global environment as a task for corporate improvement. Please visit our website for more information about our "green" policies.

<http://www.lge.com/global/sustainability/environment/take-back-recycling.jsp>

### DEUTSCH

#### Informationen zur Erhaltung der Umwelt

Im Jahr 1994 verkündete LGE die LGE Declaration for a Cleaner Environment (LGE Erklärung für eine saubere Umwelt). Seitdem dient dieses Ideal als leitendes Prinzip des Unternehmens. Diese Erklärung war die Basis für die Durchführung von umweltfreundlichen Aktivitäten, wobei wirtschaftliche, umweltbezogene und soziale Aspekte in die Überlegungen mit einbezogen wurden.

Wir fördern Aktivitäten zum Schutz der Umwelt, und die Entwicklung unserer Produkte ist darauf ausgelegt, unserem Konzept bezüglich Umweltschonlichkeit gerecht zu werden.

Wir sind darauf bedacht, den Anteil der in unseren Produkten enthaltenen schädlichen Materialien zu minimieren. So ist in unserem Produkt beispielsweise kein Cadmium zu finden.

#### Informationen zum Thema Recycling

Dieser Produkt enthält Teile, die umweltschädlich sein können. Es ist unbedingt erforderlich, dass der Produkt recycelt wird, nachdem er außer Dienst gestellt wurde.

Die LGE werden alle Ausgangspunkte weltweit in einem unter umweltbezogeneren Aspekten geeigneten Verfahren recycelt. Überallmählich sind weltweit mehrere Rücknahme- und Recyclingssysteme im Einsatz. Viele Teile werden wieder verwendet und recycelt. Schädliche Substanzen und Schwermetalle werden durch umweltverträgliche Verfahren behandelt. Falls Sie mehr über unser Recyclingprogramm erfahren möchten, wenden Sie sich bitte an Ihren lokalen LGE-Händler oder einen Unternehmensvertreter von LGE.

Wir setzen unsere Unternehmenspolitik auf eine saubere Umwelt. Im Zuge, indem wir umwelt-spezifische Aspekte als wichtigen Punkt in die Wertevermittlung unseres Unternehmens einfließen lassen. Zusätzlich Informationen über unsere "grüne" Unternehmenspolitik erhalten Sie auf unserer Website.

<http://www.lge.com/global/sustainability/environment/take-back-recycling.jsp>

## FRANÇAIS

## Information sur la protection de l'environnement

LGE a publié sa 'Déclaration en faveur d'un environnement plus propre' en 1994 et celle-ci est restée, depuis lors, un principe directeur de notre entreprise. Cette déclaration a servi de base à notre réflexion et nous a permis de prendre en compte à la fois les aspects environnementaux et sociaux de nos activités, tout en respectant l'environnement.

Nous encourageons les activités en faveur de la préservation de l'environnement et nous, dans cet esprit, que nous développons nos produits : nous réduisons au minimum les matières dangereuses qui entrent dans leur composition et l'on ne trouve pas de cadmium, par exemple, dans nos produits.

## Information sur le recyclage

Ce produit peut contenir des composants qui présentent un risque pour l'environnement. Il est donc important que celui-ci soit recyclé après usage.

LGE traite les produits en fin de cycle conformément à une méthode de recyclage respectueuse de l'environnement. Nous reprenez nos produits et les recyclons dans plusieurs sites répartis dans le monde entier. De nombreux composants sont réutilisés et recyclés, et les matières dangereuses, ainsi que les métaux lourds, sont traités selon un procédé écologique. Si vous souhaitez plus de renseignements sur notre programme de recyclage, veuillez contacter votre revendeur LGE ou un l'un de nos représentants.

Nous voulons agir pour un monde plus propre et croyons au rôle de notre entreprise dans l'amélioration de l'environnement. Pour plus de renseignements sur notre politique "verte", rendez-vous à notre site <http://www.lg.com/global/5-us-environment/ideas-to-eco-recycling.jsp>

## ITALIANO

## Informazioni per la tutela dell'ambiente

La LGE ha annunciato nel 1994 la cosiddetta "US Declaration for a Cleaner Environment" (Dichiarazione di LG a favore di un ambiente più pulito), un ideale che diventa l'orgoglio principale e principio della gestione aziendale. La dichiarazione rappresenta il fondamento e la base di un'operazione attenta a favore dell'ambiente e basata sui più degli aspetti economici, ambientali e sociali.

Nel corso della LG, promuoviamo attività a favore della tutela dell'ambiente sviluppando appositamente i nostri prodotti per cogliere il concetto del rispetto dell'ambiente riducendo i materiali dannosi presenti nei nostri prodotti. Ad esempio nei nostri prodotti non è presente il cadmio.

## Informazioni per il riciclaggio

Il prodotto può presentare componenti che potrebbero risultare eventualmente dannosi per l'ambiente. È importante che il prodotto sia riciclato al termine del suo utilizzo.

La LGE gestisce tutti i prodotti di rifiuto con un metodo di riciclaggio soddisfacente dal punto di vista ambientale. In tutto il mondo sono attualmente in funzione numerosi sistemi di riciclaggio e recupero.

I diversi componenti sono riciclati e riciclati, mentre le sostanze dannose e i metalli pesanti vengono trattati con un metodo rispettoso dell'ambiente.

Se si desiderano maggiori informazioni in merito al programma di riciclaggio, è consigliabile rivolgersi al proprio rivenditore LGE o ad un rappresentante aziendale della LG.

Non della LG risponde sempre la nostra visione e le nostre politiche a favore di un mondo più pulito ponendo la questione dell'ambiente e del punto di vista globale come una questione media di miglioramento della nostra società. Vi invitiamo a visitare il nostro sito internet per ulteriori informazioni sulla nostra politica "verde".

<http://www.lg.com/global/5-us-environment/ideas-to-eco-recycling.jsp>

## ESPAÑOL

## Información para la conservación medioambiental

LGI presentó la Declaración para un futuro más limpio de LGI en 1996 y estableció los servicios para garantizar que nuestros principales proveedores desde entonces. La Declaración es la base que nos ha permitido llevar a cabo líneas que respetan el medio ambiente siempre teniendo en cuenta aspectos sociales, económicos y medioambientales.

Promovemos actividades orientadas a la conservación del medio ambiente y desarrollamos nuestros productos específicamente para que se ajusten a la filosofía que protege el entorno. Reducimos al máximo el uso de materiales de riesgo en nuestros productos. Un ejemplo de ello es la ausencia total de cadmio en nuestros productos.

## Información para el reciclaje

Este producto puede contener piezas que en sí mismas representan riesgos medioambientales. Es importante tener en cuenta este producto después de su utilización.

LGIE trata todos los productos usados siguiendo un método de reciclaje que no daña al entorno. Contamos con diversos sistemas de recuperación y reciclaje que funcionan a nivel mundial en la actualidad. Es posible reciclar y reutilizar muchos de las piezas, mientras que las sustancias dañinas y los metales pesados se tratan siguiendo un método que no perjudica al medio ambiente. Si desea obtener más información acerca del programa de reciclaje, póngase en contacto con su proveedor local de LGI o con un representante empresarial de nuestra marca.

Definimos nuestra visión y nuestras políticas en un mundo más limpio y para ello, optamos por un enfoque global como base para que el medio ambiente sea una empresa. Visite nuestra página Web para obtener más información sobre nuestras políticas ecológicas.

<http://www.lgi.com/global/sustainability/environment/take-back-recycling.jsp>

## PORTUGUÊS

## Informações relacionadas à preservação ambiental

A LGI assinou a LGI Declaration for a Cleaner Environment (Declaração da LGI para um ambiente mais limpo) em 1996 e estabeleceu um serviço desde então com um principal compromisso de sustentação. A Declaração é a base que nos tem permitido realizar atividades benéficas ao ambiente com consideração sobre aspectos econômicos, ambientais e sociais.

Promovemos atividades de preservação ambiental e desenvolvemos nossos produtos para enfatizar especificamente o conceito de favorável ao ambiente. Reduzimos os materiais perigosos contidos em nossos produtos. Por exemplo, não há cádmio em nossos produtos.

## Informações relacionadas à reciclagem

Este produto pode conter peças que podem representar riscos ao ambiente. É importante que ele seja descartado adequadamente.

A LGIE cuida de todos os produtos descartados através de um método de reciclagem adequado ao ambiente. Há vários sistemas de devolução e reciclagem atualmente em operação no mundo. Muitas peças serão reutilizadas e recicladas e as substâncias nocivas e os metais pesados passarão por tratamento através de um método favorável ao ambiente.

Para obter mais informações sobre nosso programa de reciclagem, entre em contato com seu fornecedor LGI local ou com um representante corporativo de LGI.

Definimos nossa visão e nossas políticas relacionadas a um mundo mais limpo selecionando a questão do ambiente global como uma tarefa de aprimoramento corporativo. Visite nosso site para obter mais informações sobre nossas políticas de meio ambiente.

<http://www.lgi.com/global/sustainability/government/take-back-recycling.jsp>

## NEDERLANDS

### Informatie met betrekking tot het behoud van het milieu

LGE participeert in 1994 de "111 Doelstellingen voor de Eerste Milieumoment" (de EG-verklaring met betrekking tot een schone milieu). Deze verklaring en het ideeel van een schone milieu fungeren sindsdien als een bestuurlijke leidraad voor onze onderneming. Op basis van deze verklaring ontwerpen wij milieuvriendelijke producten, waarbij er zoveel mogelijk rekening wordt gehouden met milieubesparende aspecten, als met milieubesparende zorgvuldig rekening wordt gehouden.

Wij ondersteunen activiteiten die zijn gericht op het behoud van het milieu en wij houden bij het ontwikkelen onze producten specifiek rekening met de milieuvriendelijkheid van onze producten. Wij minimaliseren het gebruik van schadelijke stoffen in onze producten. Er wordt bijvoorbeeld geen cadmium toegevoegd aan onze producten.

### Informatie met betrekking tot recycling

Deze product bevat medalen die schadelijke stoffen kunnen zijn voor het milieu. Het is belangrijk dat deze producten en het waste van zijn tevens duurzaam wordt gerecycled.

LGE verwerkt alle afval product via een milieuvriendelijke recyclingmethode. Hiervoor worden er momenteel wereldwijd verschillende innams- en recyclingssystemen gehanteerd. Een groot aantal onderdelen wordt opnieuw gebruikt en gerecycled, waarbij schadelijke stoffen en zware metalen volgens een milieuvriendelijke methode worden verwijderd.

Voor meer informatie over ons recyclingprogramma kunt u contact opnemen met uw plaatselijke LGE-afdeling of met LGE vestiging.

Onze visie en ons beleid met betrekking tot een schone wereld stellen voort uit het feit dat wij het milieu hebben ingezet als een onderdeel van ons ondernemingsdoel. Samen onze onderneming. Het is onze visie om u met meer informatie over ons "green" beleid.

<http://www.lge.com/global/sustainability/environment/doing-back-recycling.jsp>

## РУССКИЙ

### Информация по охране окружающей среды

В 1994 году корпорация LGE опубликовала «Декларацию LG по охране окружающей среды», которая с тех пор служит основой принципов управления. На основе этой декларации мы смогли предпринять действия, обеспечивающие безопасность окружающей среды, уделяя при этом должное внимание экономическим, социальным и организационным аспектам.

Мы стимулируем деятельность по охране окружающей среды, уделяя особое внимание разработке нашей продукции в соответствии с экологической безопасностью. Мы сводим к минимуму содержание опасных веществ в нашей продукции. Например, в наших продуктах вы не найдете кадмия.

### Информация по утилизации отходов.

Этот продукт может содержать компоненты, которые могут нанести ущерб окружающей среде. Необходимо утилизировать продукт после использования.

Корпорация LGE перерабатывает свои британские продукты с помощью экологически приемлемого метода утилизации отходов. По новому методу отходы отнимут утилизацию отходов и переработку экологически чистой продукции. Многие материалы будут повторно использованы и утилизированы, и те материалы, которые содержат опасные вещества и тяжелые металлы, будут обработаны с помощью экологически приемлемого метода.

За более подробной информацией по нашей программе утилизации отходов обращайтесь к местному представителю или представителю корпорации LGE.

Мы стремимся к созданию экологически безопасной, чистой среды прикладывая максимум усилий по охране окружающей среды. Дополнительную информацию о нашей политике по охране окружающей среды вы можете найти на нашем сайте: <http://www.lge.com/global/sustainability/environment/doing-back-recycling.jsp>

## CIS countries only

### Дополнительная информация / Additional information

#### РУССКИЙ

#### Назначение

Устройство предназначено для обработки данных и отображения текстовой/графической информации.

#### Правила транспортировки и хранения

1. Устройство должно транспортироваться и храниться строго в соответствии с маркировкой на упаковке.
2. При транспортировке и хранении категорически не допускается падение и любые механические воздействия на упакованное устройство.
3. Перевозить устройство необходимо таким образом, чтобы левая или правая стороны были ориентированы по направлению движения (применимо для упаковок, рассчитанных на вертикальную транспортировку).
4. При транспортировке и хранении необходимо соблюдать предел по количеству ярусов в штабеле, в соответствии с маркировкой на упаковке.
5. При транспортировке и хранении необходимо класть упакованное устройство на жесткий материал.
6. Устройство необходимо переносить и перевозить только переносными приспособлениями, созданными производителем/поставщиком, а также указанными в руководстве пользователя.
7. Устройство хранят в упакованном виде в темном, сухом, чистом, хорошо вентилируемом помещении, исключая воздействие на него хранения жидкостей и газов.

#### Рекомендации

- Продавец производителю устройства должен в обязательном порядке предоставить действующим лицензионным правам, на территории которых они реализуются.

#### Утилизация использованного оборудования

1. Использование неэлектрических отходов не рекомендуется, поскольку правильное утилизация использованного оборудования позволяет предотвратить экологические проблемы на территории окружающей среды и здоровья человека.
2. На месте сжигания с органическими веществами выделяемыми для получения подробных сведений обращайтесь к местным органам власти или к электрическим компаниям/компаниям с оборудованием (MHI).

#### Дата изготовления

- Информация о месяце и годе изготовления можно найти на этикетке, приклеенной на задней панели устройства, в следующем формате: MM/YYYY, где MM – месяц, YYYY – год изготовления.

#### Сертификация

- Информацию о сертификации наших приборов, данные о номере сертификата и сроке его действия, Вы можете получить по телефону Службы поддержки клиентов КС по бесплатному телефону.

**ENGLISH****Purpose**

The device is intended for data processing and visual display of technological information.

**Rules of transportation and storage**

1. The product should be transported and stored strictly in accordance with the marking on the package.
2. During transportation and storage is strictly not allowed and any drop in mechanical exposure of the packaged device.
3. Carry products are required so that the left or right side was oriented in the direction of movement (applicable to packages designed for the vertical transportation).
4. During transportation and storage must comply with the limit on the number of tiers in the stack, in accordance with the marking on the package.
5. During transportation and storage is necessary to protect the packaged device from moisture.
6. Products need to move in a horizontal or vertical position, according to the labeling and/or location of the handles on the packaging.
7. Products remain Packed in a dark, dry, clean, well ventilated area, isolated from the storage of acids and alkalis.

**Realization**

- The sale of products is performed in accordance with the rules established by the current legislation of the country in which it is realized.

**Disposal of your old appliance**

1. Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
2. You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point.
  - Information about the month and year of manufacture can be found on a label located on the back of the Product, in the following format: MM/YYYY, where MM - month, YYYY - year of manufacture.
  - Information on the certification of our devices, the data on the number of the certificate and its validity period, you can contact customer support LG free phone.

## НАИМЕНОВАНИЕ И АДРЕС ПРОИЗВОДИТЕЛЯ

English	
Name	I/O Electronics Nanjing New Technology Co., Ltd
Address	346, Yazou Road Fuzhou & Technical Development Zone, Nanjing, 210038 People's Republic of China
Россия	
Наименование	ПГ Электроник Цзяннань Цю Технолоджи Ко., ЛТД
Адрес	ИП/ИП, улица Нанкин район жэньчжэньской зоны и техничского развития, дом 346, Наньцзин, 210038

## НАИМЕНОВАНИЕ И АДРЕС ИМПОРТЕРА

Россия	
Наименование	ООО «ИП Электроник РУС»
Адрес	143180, Российская Федерация, Московская область, Рузский городской округ, территория Минское шоссе, километр 85-й, дом 8

## UKRAINE only

### Обмеження України на наявність небезпечних речовин

Устаткування відповідає вимогам технічного регламенту щодо обмеженого використання небезпечних речовин в електричному та електронному обладданні.

### Ukraine Restriction of Hazardous Substances

The equipment complies with requirements of the technical Regulation in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.

## PACKING INFORMATION (CUSTOMS UNION)

### РУССКИЙ



Символ «клетка Мобуса» указывает на возможность утилизации упаковки. Символ может быть дополнен обозначением материала упаковки в виде иероглифа или в буквенном обозначении.

### КАЗАХША



Символ «қаптамаша жою мүмкіндігі» көрсетеді. Символ сәйкес код және/немесе әріп белгілері түрлі түрлі қаптамаша материалдарының белгісімен толықтырылуы мүмкін.

## GREEN MARK (for Japan)



本製品は、日本工業規格 (JIS C0950:2006) における「電気・電子機械の特定の化学物質の含有表示方法」(通称J-Moss) の規定する特定化学物質の含有率が

基準値以下に検出された製品であるため、J-Moss グリーンマークを表示しています。

特定の化学物質 (鉛、水銀、カドミウム、六価クロム、PBB、PBDE) の含有についての情報は下記 Web サイトをご覧ください。

Webサイト:

<http://www.lg.com/jp/eco/j-moss>

## WEEE



## ENGLISH

Disposal of your old appliance

(UK, Ireland)

- This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.
- Disposing of electrical products incorrectly can be seriously harmful to the environment and human health. Your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve natural resources.
- You can take your appliance either to the shop where you purchased the product, or contact your local government waste office for details of your nearest authorised WEEE collection point. For the most up-to-date information for your country please see [www.lg.gov.uk/global/recycling](http://www.lg.gov.uk/global/recycling)

## БЪЛГАРСКИ

(Bulgaria)

Изхвърляне на стария уред

- Символът със зачерквания колесни кош е знак за отделно събиране на електроуреди и електроелектронни съоръжания (WEEE) и трябва да се изхвърлят отделно от битовите отпадъци.
- Събирането на електрически продукти неправилно може да навреди на околната среда и здравето на хората. Вашият стар уред може да съдържа полезни материали, които могат да бъдат рециклирани и използвани за производство на нови продукти, както и други ценни материали, които могат да бъдат рециклирани с цел запазване на околната среда.
- Можете да вземете Вашия уред или материалите, от които е направен, или стария уред до специално за целта създадени депозитни точки за отпадъците, за да получите информация за най-близкия разположен ГЛЛУ пункт за събиране на отпадъци. За най-актуална информация за България, държави, в които се събират уреди, [посетете уеб-сайта www.lg.gov.uk/global/recycling](http://www.lg.gov.uk/global/recycling)

## HRVATSKI

(Croatia)

Uklanjanje starog uređaja

- Simbol s prekrivenim kotačem označava da se električni i elektronički proizvodi (WEEE) moraju zbrinjavati odvojeno od komunalnog otpada.
- Netočno odloženi električni proizvodi mogu sadržavati opasne tvari koje doprinose zbrinjavanju važnih dobrih stvari uređaja pomoću ugrađenih rezervnih dijelova i drugih materijala koji se mogu koristiti za popravak drugih proizvoda te druge vrijedne materijale koji se mogu reciklirati i tako sačuvati prirodne resurse.
- Otkano o razini smetnje / štete i dobi stvari, stari proizvodi mogu se popraviti za više radnog života koji će sprječiti izlazak od pada i povećati sigurnost pri korištenju. Stari uređaji mogu sadržavati korisne materijale koji se mogu reciklirati i koristiti za proizvodnju dodatnih potrebitih novih stvari.
- Uređaj možete odnijeti u trgovinu u kojoj ste kupili proizvod ili možete kontaktirati ured za zbrinjavanje otpada kod važnih depozitnih točaka (GLLU) kako biste dobili detaljnije informacije o najbližem razložnom GLLU. Najnovije informacije iz svoje države potražite na internetskoj stranici [www.lg.gov.uk/global/recycling](http://www.lg.gov.uk/global/recycling)

## ČESKY

(Czech)

Ukládání starého přístroje

- Tento symbol přeškrtnutého koše označuje, že odpad z elektrických a elektronických výrobků (WEEE) je nutné likvidovat odděleně od linky komunálního odpadu.
- Staré elektrické výrobky mohou obsahovat nebezpečné látky, takže správné ukládání starých přístrojů pomůže zabránit potenciálním negativním důsledkům pro životní prostředí a lidské zdraví. Staré přístroje mohou obsahovat znovu použitelné díly, které lze použít k opravě dalších výrobků a další cenné materiály, které lze recyklovat a šetřit tak omezené zdroje.
- Spotřebitelé můžou zavést buď do obchodu, kde jste ho zakoupili nebo se obrátit na místní úřadu komunálního odpadu, kde získáte podrobnější informace o nejbližší depozitní místě WEEE. Pro poslední aktualizované informace z vaší země si můžete prohlédnout web [www.lg.gov.uk/global/recycling](http://www.lg.gov.uk/global/recycling)

## DANNE

(Danmark)

## Bortskaffelse af dit gamle apparat

- 1 Dette symbol med en affaldspos med kryds over angiver at elektrisk og elektronisk affald (WEEE) skal bortskaffes og genbruges korrekt, såvel som kommunens indsamlingssystem.
- 2 Gamle elektriske produkter kan indeholde farlige stoffer, så når du bortskaffer dit gamle apparat på korrekt vis, hjælper du med at forhindre miljøforurening og beskytte for miljø og mennesker. Dit gamle apparat kan indeholde dele som kan genbruges, fx til at reparere andre produkter, eller værdifulde materialer som kan genbruges og derved begrænse spild af værdifulde ressourcer.
- 3 Du kan enten bære apparatet til den lokale træskudningsstøtte, eller kontakte dit lokale affaldscenter for yderligere oplysninger om det nærmeste autoriserede WEEE-samlingspunkt. Find de sidste nye oplysninger for dit land på [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## SUOMI

(i Finland)

## Vanha laite on hävettävä

- 1 Tämä symbol kertoo pilteen merkittävästä osasta, eli sähköisistä ja elektronisista laitteista (WEEE) tulee pilteen erillään kerättäväksi ja se ei saa joutua tavalliseen jätteenkäsittelyyn.
- 2 Vanhat sähköiset laitteet voivat sisältää vaarallisia aineita, joten laitteita käsiteltäessä on tärkeää käyttää asianmukaista suojaa ympäristölle ja terveydelle. Vanhoja laitteita sisältäviä osia voidaan uudelleen käyttää, esim. laito voidaan käyttää korjauksiin muissa laitteissa, sekä erillisiä osia voidaan käyttää korjauksissa uusissa laitteissa.
- 3 Voit viedä laitteen jätteenkäsittelykeskukseen, josta voit tilittää laitteita myyjäis- tai korjauskeskukseen, jossa laitteita voidaan valmistaa WEEE-korjauksiksi. Kaikkien virheellisesti tiedot koskien maastasi, ks. osoitteen [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## FRANÇAIS

(France)

## Recyclage de votre ancien appareil

- 1 Ce symbole de poubelle barrée d'une croix indique que votre équipement électrique et électronique (EEE) ne doit pas être jeté avec les autres déchets. Il doit être récupéré afin d'être réutilisé ou recyclé correctement.
- 2 Les équipements électriques que vous jetez peuvent contenir des substances dangereuses. Il est donc important de les jeter de façon appropriée afin d'éviter des impacts négatifs sur l'environnement et la santé humaine. L'équipement que vous jetez peut également contenir des pièces réutilisables pour la réparation d'autres produits ainsi que des matériaux précieux pouvant être recyclés pour préserver les ressources de la planète.
- 3 Vous pouvez apporter votre appareil au commerçant qui vous l'a vendu ou au lieu de votre collectivité locale pour connaître les points de collecte de votre EEE. Vous trouverez également des informations à jour concernant votre pays en visitant [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## NEDERLANDS

(Netherlands)

## Verwijdering van uw oude apparaat

- 1 Dit symbool van de afgedrukte vuilnisbak geeft aan dat afgedane elektrische en elektronische producten (WEEE) afzonderlijk van het huishoudelijke afval moeten worden verwijderd.
- 2 Oude elektrische producten kunnen gevaarlijke stoffen bevatten, dus een juiste verwijdering van uw oude apparaat helpt bij het voorkomen van mogelijke negatieve gevolgen voor het milieu en de volksgezondheid. Uw oude apparaat kan herbruikbare onderdelen bevatten die kunnen worden gebruikt voor het repareren van andere producten, en andere waardevolle materialen die kunnen worden gerecycled voor het behoud van bepaalde grondstoffen.
- 3 U kunt uw apparaat meenemen naar de winkel waar u het product heeft gekocht, of u kunt contact opnemen met uw plaatselijke afvalverwijling instantie voor de gegevens van uw dichtstbijzijnde autoriserende WEEE verzamelpunt. Voor de meest recente informatie voor uw land verwijzen wij u naar [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## DEUTSCH

(Germany)

## Entsorgung Ihrer Altgeräte

- 1 Das durchgestrichene Symbol eines fahrbaren Abfallbehälters weist darauf hin, dass Elektro- und Elektronik-Produkte (WEEE) getrennt vom Hausmüll (Brennwert) werden müssen. Bitte anfragen bei der Gemeinde, wann und wo Sie diese abgeben können. Sie müssen diese zu einer ausgewiesenen Sammelstelle für das Recycling von elektrischen und elektronischen Geräten, falls die Geräte Teil eines oder mehrerer anderer, von Ihnen abgesetzter, oder abgegebener Geräte sein können, trennen. Sie müssen diese vor der Entsorgung von den Hauptgeräten, es sei denn, Sie möchten, dass die alten Geräte weiterverwendet werden (z.B. die Batterien und Lampen werden getrennt gesammelt).
- 2 Alte elektrische Produkte können gefährliche Substanzen enthalten, die eine korrekte Entsorgung dieser Altgeräte erforderlich machen, um schädliche Auswirkungen auf die Umwelt und die menschliche Gesundheit zu vermeiden. Ihre abgegebenen Geräte können wiederverwendbare Teile enthalten, mit denen möglicherweise andere Produkte repariert werden können, aber auch wertvolle wertvolle Materialien enthalten, die zur Schonung der Erde wiederverwendet werden können.
- 3 Sie können Ihr Gerät entweder in den Laden, in dem Sie es gekauft haben, oder in das nächste Recyclingzentrum bringen oder Sie kontaktieren Ihre Gemeindeabfallstelle für Informationen über die nächstgelegene autorisierte WEEE-Sammelstelle. Bitte beachten Sie, dass einige Wertstoffe verpflichtet sind.

## LIVING

## Απόρριψη της παλιάς σας συσκευής

[Finland]

- 1 Αυτό το διαγραμμένο σύμβολο του προγράμμου καλού υποδεικνύει ότι τα απόβλητα ηλεκτρικών και ηλεκτρονικών προϊόντων (AHPF) πρέπει να απορριφθούν χωριστά από τα γενικά οικιακά απορρίμματα.
- 2 Τα παλιά ηλεκτρικά προϊόντα μπορεί να περιέχουν επιβλαβείς ουσίες και ως εκ τούτου η σωστή απόρριψη της παλιάς σας συσκευής αποτελεί καθήκον εθελούσιου χαρακτήρα, και οι υπεύθυνοι στα σημεία λήξης πρέπει Η ευθύνη της απορριψι μπορεί να περάσει στον οργανισμό που είναι αρμόδιος για τη διαχείριση των απορριμμάτων φυσικών υλικών.
- 3 Μπορείτε να πείτε τη συσκευή σας, είτε μια συσκευή από το σπίτι είτε από το εργοστάσιο, το οποίο είναι ελεύθερο να κάνει γραμμο απορριμμάτων για κομποστοφείο σχετικά με το πώς καλύτερο συσκευασμένο στέμιο συλλογής AHPF. Απόβλητα Ηλεκτρικών και Ηλεκτρονικών Συσκευών. Για τη σωστή απόρριψη, πληροφορίες για τη διαχείριση απορριμμάτων τη διεύθυνση [www.lj.com/global/recycling](http://www.lj.com/global/recycling)

## MAGYAR

[Hungary]

## A régi készülék elhelyezkedése

- 1 A készülékkel elektronikus és elektromos termékekkel együtt kell kezelni a háztartási hulladékot, a természetes és a műanyag hulladékot.
- 2 Régi készülékek megfelelő elhelyezése segít megőrizni az erőforrások biztonságos és környezettudatos használatát.
- 3 Ha frissen átvett készülék van, kérjük, vegye ki a csomagolást, és adja át a készüléket a helyi hulladékkezelési szolgálatnak. Ha oldalon ahol található Önt visszaküldi, átvétel, gyűjtés és kezelés közzéteszi az információkat.

## ITALIANO

[Italy]

## Smaltimento delle apparecchiature obsolete

- 1 Tutti le apparecchiature obsolete (elettrodomestici, elettrodomestici e da questo simbolo ("Tutte le apparecchiature obsolete da una prova"), devono essere raccolte e smaltite separatamente rispetto agli altri rifiuti urbani messi mediante impianti di raccolta specifici, in modo da evitare che essi finiscano nelle centrali di smaltimento che gli utenti finali di questi prodotti possono consegnare gratuitamente le apparecchiature elettroniche ed elettroniche a fine vita presso il punto vendita al momento dell'acquisto di una nuova apparecchiatura equivalente. Gli utenti finali di questi prodotti possono inoltre consegnare gratuitamente le apparecchiature elettroniche ed elettroniche di piccole dimensioni (non superiori a 25 cm) a fine vita direttamente presso un punto vendita o al distributore, senza alcun costo di acquisto di una nuova apparecchiatura equivalente. Si prega di informarsi previamente presso il punto vendita presso il quale viene utilizzata modalità di conferimento dell'apparecchiatura a fine vita.
- 2 Il corretto smaltimento dell'unità obsoleta contribuisce a prevenire possibili conseguenze negative sulla salute degli individui e sull'ambiente. Una gestione responsabile del fine vita delle apparecchiature obsolete che adotta tutte le parti degli utenti contribuisce al riutilizzo, al riciclaggio ed al recupero sostenibile dei prodotti obsoleti e dei relativi materiali.
- 3 Per informazioni più dettagliate sullo smaltimento delle apparecchiature obsolete, visitate il sito Internet del consumatore italiano, il servizio di smaltimento rifiuti al punto vendita o al distributore di questi prodotti ([www.gpmcglobal.com/it](http://www.gpmcglobal.com/it)).

## NORSK

[Norway]

## Avhandling av gamle apparater

- 1 Dette symbolet av en utbyrskett avfallsbundt indikerer at klassert elektronikk og elektroniske produkter (WEEE) skal kastes separat fra husavfall/husholdningsavfall og søppel til den kommunale renovtjenesten.
- 2 Gamle elektriske produkter kan inneholde farlige stoffer, såsom metaller, og derfor bør de gamle apparatene behandles forsiktig og potensielt negative konsekvenser for miljøet og andres helse. Gamle apparater kan inneholde giftige stoffer som kan forårsake skade på miljøet og andres helse. Gamle apparater bør håndteres forsiktig og potensielt negative konsekvenser for miljøet og andres helse.
- 3 Du kan bringe apparatene dine til butikken der du kjøpte produktet, eller til kontakt med den lokale myndighets avfallskontor for informasjon om nærmeste autoriserte innleveringspunkt for et avfall (WEEE avfall). For den mest oppdaterte informasjonen for ditt land, gå til [www.lj.com/global/recycling](http://www.lj.com/global/recycling).

## POLSKI

(Polski)

## Utilizacja starego urządzenia

- Symbol przekreślonego pojemnika na odpady na leśkach oznacza, że produkty WEBCO zawierają elektroniczne (WEEE) elementy i należy zwrócić je poza obrębem odpadów komunalnych.
- Stare produkty elektroniczne mogą zawierać niebezpieczne substancje. Wiedź owa, jak używać starego urządzenia, ponieważ niektóre części mogą być wykorzystane do naprawy innych produktów lub inne wartościowe materiały, które można przetworzyć, aby zmniejszyć ilość odpadów.
- Możesz także znaleźć tabletki do szopy, w których znajdziesz informacje lub adresy w celu uzyskania systemu gospodarki odpadami, aby uzyskać informacje o najbliższym punkcie zbiórki WEEE. Aby uzyskać aktualną informację o sposobie oddania odpadów i sposobie jego wzbogacenia, należy odwiedzić stronę <http://www.gutenberg.org/infocentre/waste-management/what-to-do-with-junk/> i global network europe (plik PDF: "For more information about how to recycle LG products in your country").

## PORTUGUÊS

(Português)

## Instruções de utilização do produto

- O símbolo de um contêiner de lixo com um eletricista e um ícone de um dispositivo eletrônico indica que os resíduos de produtos WEEE não são descartados (REEE) e devem ser eliminados separadamente do lixo doméstico.
- Os produtos WEEE não devem ser descartados em aterros, pois podem conter substâncias nocivas ao meio ambiente ou ao ser humano. O seu aparelho usado pode contribuir para evitar potenciais consequências nocivas para o ambiente e saúde humana. O seu aparelho usado pode contribuir para evitar desperdício de recursos naturais para reparar outros produtos eletrônicos, além de evitar desperdício de recursos limitados.
- Podemos levar o seu aparelho à loja onde o adquiriu, ou contactar a sua entidade local de recolha e tratamento de resíduos perigosos e mais informações relativas ao ponto de recolha de WEEE, visitando o nosso portal e buscando informações nos canais de atendimento ao cliente. Visite [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## ROMÂNĂ

(Română)

## Instrucțiuni de utilizare

- Simbolul de pe ambalaj indică faptul că dispozitivul de echipament electronic și alte componente (WEEE) trebuie eliminate separat de celelalte deșeur.
- Produsele electrice și electronice conțin substanțe periculoase. Astfel, prin eliminarea corectă a echipamentelor vechi contribuim la prevenirea deteriorării mediului înconjurător și a sănătății umane. Dacă produsul este funcțional, acesta să continue să fie utilizat pentru a evita repararea altor produse sau materiale importante și pentru a economisi în scopul economisirii resurselor limitate.
- Dispozitivul vechi poate fi returnat magazinului de unde a fost achiziționat sau puteți contacta firma responsabilă pentru managementul deșeurilor în scopul eliminării corecte a echipamentelor pentru uz casnic deșeurilor electronice și electrice (WEEE). Pentru informații mai noi actualizate și referitoare la punctele noastre de reciclare, vă rugăm să vizitați pagina web [www.lg.com/global/recycling](http://www.lg.com/global/recycling)

## SRPSKI

(Srpski)

## Održavanje starog aparata

- Ovaj simbol prekršteno kanta za smeće pokazuje da električni i elektronski otpad (WEEE) treba da se odložiti odvojeno od ostalog komunalnog otpada.
- Stari električni aparati mogu da sadrže otrovne supstance, tako da će pravilno odložanje vašeg starog aparata pomoći sprečavanju pojave neprijateljskih posledica po životnu sredinu i zdravlje ljudi. Već stari aparat može da se koristi da se izdvoje vredniji materijali koji se mogu koristiti za zamenu drugih proizvoda i druge vredne materije koje se mogu reciklirati radi očuvanja ograničenih resursa.
- Vaš aparat možete da odnesete u radnju gde ste ga kupili ili da kontaktirate lokalnu vladinu kancelariju za otpad kako biste dobili informaciju o najboljoj adresi za odlaganje WEEE. Možete i kontaktirati našu mrežu informacija za WEEE uslugu, možete i da posetite web stranicu [www.lg.com/global/recycling](http://www.lg.com/global/recycling).

## SLOVENČINA

(Slovenščina)

## Značilnosti starega aparata

- Črna simbol prekršenega kontajnerja za odpadke kaže na to, da vsebuje elektronske odpadke (WEEE), ki morajo biti ločeno od komunalnega odpadka.
- Stare elektronske produkte lahko vsebujejo nevarne snovi, zato sprejmite značilnosti vašega starega aparata, da preprečite potencialne posledice za okolje in zdravje ljudi. Več stari aparat lahko vsebuje dragocene delce, ki jih lahko uporabimo za popravilo drugih produktov, ali druge cenne materiale, ki jih lahko recikliramo s ciljem ohranjanja omejenih virov.
- Črna simbol lahko prinese do prodajne, kjer ste produkt kupili, ali se lahko obrnite na oddelku odpadov mestnega samostojnega posrednika za odpadke. Če želite več informacij, lahko obiščete spletno stran [www.lg.com/global/recycling](http://www.lg.com/global/recycling).

**SRPSKI JEZIK**

(Slovakia)

Čisti napajanje vaše slike naprave

- 1 Predtisan simbol smetnja opažanja, da je treba odpadno električno in elektronsko izdelje (DEEE) odstraniti ločeno od ostalih komunalnih odpadkov.
- 2 Odpadno električno izdelje lahko vsebuje nevarne snovi, zato je potrebno njihovo napajanje skrbno spraviti pri predstavljenih možnosti nevarnih odpadkov na ekološko in zdravje ljudi. Vaša stara naprava izhito vsebuje delo, ki jih ni mogoče upravljalno vzpostaviti drugje običajno, in druge obtožbe vsebuje, ki jih je mogoče odstraniti v lokalni okolni okoljevarstveni službi.
- 3 Vašo napravo lahko zdravite v trgovini, kjer ste jo kupili, ali pa se v vaši poslovalnici najbližje postajo za odpadke. Zanimam mestu za odpadno električno in elektronsko opremo običajno lokalno komunalno podjetje. Za navedeno informacije za vašo državo si ogledajte [www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng).

**ESTONIAN**

(Spain)

Sintoma para marcar AEE

- 1 El símbolo del contenedor de basuras de fondo con un signo indica que la recogida separada de residuos eléctricos y electrónicos (AEE) debe realizarse de manera separada.
- 2 Los productos eléctricos y electrónicos pueden contener sustancias peligrosas de modo que la contaminación del medio ambiente y para la salud humana. Este tipo de producto puede contener partes reciclables que podrían utilizarse para reparar otros productos y otros materiales valiosos que pueden reciclarse para conservar los recursos limitados.
- 3 Este producto contiene pilas y/o acumuladores. Siempre que no sea necesario la intervención de un profesional cualificado para ello, y antes del depósito final del producto en los instalaciones de recogida selectiva, es el debe extraer las pilas y acumuladores de forma segura y separadamente para su adecuada gestión.
- 4 Puede llevar el aparato a cualquiera de los centros autorizados para su recogida. Para obtener la información más actualizada para su país por favor visite [www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng).

**SWEDISH**

(Sweden)

Bortskaffning av din gamla produkt

- 1 Den översiktssymbol som syns på produkten indikerar att elektroniskt och elektriskt avfall (WEEE) ska sorteras separat från den övriga kommunala avfallsförpackningen.
- 2 Kasserade elektroniska och elektriska produkter kan innehålla farliga substanser, korrekt avfallshantering av produkten förhindrar negativa konsekvenser för miljön och för människors hälsa. Den gamla produkten kan också innehålla återvinnsbara delar som kan användas för att reparera andra produkter samt innehålla värdefulla ämnen som kan återvinnas för att spara jordens resurser.
- 3 Du kan ta din gamla produkt till butikken där du köpte den eller kontakta din kommun för information om närmaste WEEE-upptäckningsställe. För tillräckligt senaste information för ditt land, gå till [www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng).

**RUSSIAN**

(Russia)

Утилизация старой аппаратуры

- 1 Этот предупредительный символ означает, что при утилизации старых изделий из электротехники и электроники (WEEE) следует использовать отдельный вид отходов.
- 2 Старые электронские изделия могут содержать опасные вещества, поэтому продукция из утилизации старой техники должна подвергаться экологически безопасной утилизации, для окружающей среды и здоровья человека. Старые изделия могут содержать детали, которые могут быть повторно использованы для ремонта других изделий, а также другие ценные материалы, которые можно переработать, чтобы сохранить природные ресурсы.
- 3 Вы можете отнести свое устройство в магазин, где оно было приобретено, либо обратиться в специализированный пункт приема старой техники (указан на упаковке) или в пункт приема старой техники (WEEE). Для получения дополнительной информации относительно вашей страны обращайтесь по адресу: [www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng).

**TURKISH**

(Turkey)

Eski cihazın atılması

- 1 Ürün ambalajında görülen bu sembol, cihazın ya da üretilmiş diğer benzer ürünlerin atılmasını gerektiren bir semboldür ve diğer atılmalardan ayrılmalıdır. Bu tür elektrikli ve elektronik cihazlar belediyeler tarafından kurulan toplama noktalara teslim edilmeli veya diğer bir yer (örneğin satıcıya) geri döndürülmelidir. Satıcılar bu tür elektrikli ve elektronik cihazları teslim alacakları yerleri belirtmelidir.
- 2 Bu tür ürünler tehlikeli maddeler veya zararlı maddeleri içerirler ve yanlış şekilde atılabilir. Bu tür ürünlerin atılması, çevreye zararlı maddelerin yayılmasını önlemeye yardımcı olacaktır.
- 3 AEE (WEEE) ürünlerinizi satın aldığınız mağazaya veya diğer bir belediye ya da diğer bir atılma noktasına teslim edebilirsiniz. ([www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng))
- 4 AEE (WEEE) ürünlerinizi satın aldığınız mağazaya veya diğer bir belediye ya da diğer bir atılma noktasına teslim edebilirsiniz. ([www.gornjotabor.hr/eng/eng](http://www.gornjotabor.hr/eng/eng))



## ENVIRONMENTAL INFORMATION

(India region only)



### Disposal of your old appliance (as per e-waste Rules)

1. When the crossed out wheeled bin symbol is displayed on the product and its operator's manual, it means the product is covered by the e-waste Management and Handling Rules, 2011 and you must follow the steps below to dispose of your old appliance safely.
  - a. The product is required to be handled only in the authorized recycling facilities.
  - b. Keep the product in isolated area, after it becomes non-functional/un-repairable so as to prevent its accidental usage.

#### Don't

- a. The product should not be opened by the user / makeshift, but only by authorized service personnel.
  - b. The product is not meant for re-use by any unauthorized agencies/area dealer/contractor.
  - c. The product is not meant for mixing into household waste bins.
  - d. Do not keep any replacement part (if from the product) in open area.
3. Repairing or attempting to repair your old appliance will attract an e-waste Environment (Protection) Act 1986.
  4. The product is compliant with the requirement of Pollution Control Board, as specified under Rule 17 (1) & (2) of the e-Waste (Management & Handling) Rules, 2011.
  5. To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact toll free no. 1800-315-3333 / 1800-180-3333 for details. All collection centre and pick up facilities are done by third parties with LG Electronics India Pvt. Ltd. Merely as a facilitator for more detailed information, please visit : <http://www.pw.com/in>.

### अपने पुराने निपटान के उपकरण (ई-अपशिष्ट नियम के अनुसार)



1. जब इस चक्रे पर पहिले चक्रे तिर पर चिह्न दिखि उपकरण और इसके अपशिष्ट को पहिले के साथ संभाल लेता है तो इसका मतलब है कि इसे "ई-अपशिष्ट (पूराने और हजम) नियम 2011 के अंतर्गत परिभाषित निपट कर है", और इसे अधिकारपंक्त, निपटार और निपटार के लिए काला तब है।

#### नहीं

- a. उपकरण को किसी अदिकृत पुनः उपयोगकर्ता को ही निपटारना करने हेतु इस्तेमाल नही।
- b. जब उपकरण कार्यरत न हो तब इसे अलग होना नही चाहिए उपकरण से होने वाले दुर्घटनाओं से बचा जा सके।

#### नहीं

- a. हमें उपकरण को सर्वोत्तम तरीके से संभाल चाहिए। उपकरण को केवल अधिकृत अधिकारी से चला दे दिया जाना चाहिए।
  - b. इस उपकरण को पुनः किले के तिर दिखी ही बर्खास्त/संभालना/अपशिष्ट संभाल नही है।
  - c. जब उपकरण को किसी चक्रे अपशिष्ट संभाल के साथ निपटार न लीं।
  - d. उपकरण के बड़ी हुए या अदिकृत पुनर्निर्माण को शुरू नही कर लीं।
3. यदि किसी अदिकृत निपटार या व्यक्ति से द्वारा निपटार निपट जमा है तो वह पर्यावरण (सुरक्षा) विभाग के संदर्भ लेना है।
  4. यह उपकरण (ई-अपशिष्ट (पूराने और हजम) नियम 2011) के अंतर्गत (17) (1) & (2) के तहत निपटार संसाधक चक्रे से उपकरण का निपट करना है।
  5. अधिकृत चक्रे के निपटार के लिए अधिकृत निपटार संभाल (कॉलेक्टिंग) सेट (जो बड़ी चक्रे अपशिष्ट उपकरण के लिए उपयुक्त होना चाहिए) पर 1800-315-3333 / 1800-180-3333 पर फोन करें, सभी संभाल किए गए निपटार को सुरक्षित रखें। चक्रे को LG Electronics India Pvt. Ltd. से सभी चक्रे संभाल कर लीं हैं, वे सहायक।  
उपकरण उपकरण के लिए देखें निपटार <http://www.pw.com/in>

### Disconnect Device

- Plug and connector of the power supply cord
- Output jack of Power supply
- Main Battery Pack

## LG Take-back & Recycling Policy (For USA)

ENGLISH

LG Electronics offers a customer-led e-waste take-back & recycling service that meets local needs and requirements in the countries where e-waste regulations are in place, and also provides optional take-back & recycling service voluntarily in some regions. LG Electronics evaluates products' recyclability at the design step selectively, with the goal of improving recyclability where practicable. Through these activities, LG Electronics seeks to contribute to conserving natural resources and protecting the environment. For more information, please visit our global site at <https://www.lg.com/global/recycling>

## BATTERY



## ENGLISH

- 1 This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.0005% of mercury, 0.0005% of cadmium or 0.001% of lead.
- 2 All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- 3 The correct disposal of Your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
- 4 For more detailed information about disposal of Your old batteries/accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product. (<http://www.ig.com/global/sustainability/environment/what-to-do-right/ig-what-to-do-waste-europe>)

## FRANÇAIS

- 1 Ce symbole peut être associé au symbole chimique du mercure (Hg), du cadmium (Cd) ou du plomb (Pb) si la batterie contient plus de 0,0005% de mercure, 0,0005% de cadmium ou 0,001% de plomb.
- 2 Toutes les piles et batteries doivent être collectées séparément et déposées par les services de collecte appropriés ou par des installations spécifiques de collecte des déchets, identifiées en conséquence par le gouvernement ou par les autorités locales.
- 3 Le traitement correct de vos piles ou batteries usagées contribue à protéger l'environnement et la santé des personnes et des animaux.
- 4 Pour plus d'informations sur le traitement de vos piles ou batteries usagées, merci de vous adresser vous-même à votre mairie, au service de la voirie ou au magasin où vous avez acheté le produit. (<http://www.ig.com/global/sustainability/environment/what-to-do-right/ig-what-to-do-waste-europe>)

## ITALIANO

- 1 Questo simbolo può essere combinato con i simboli di mercurio (Hg), cadmio (Cd) o piombo (Pb) se la batteria contiene più di 0,0005% di mercurio, 0,0005% di cadmio o 0,001% di piombo.
- 2 Tutte le batterie/accumulatori devono essere smaltiti separatamente da rifiuti domestici e nei punti di raccolta designati dal governo e dalle autorità locali.
- 3 Il corretto smaltimento delle vecchie batterie/accumulatori consente di evitare conseguenze potenzialmente negative per l'ambiente e la salute umana.
- 4 Per informazioni più dettagliate sulle procedure di smaltimento di vecchie batterie/accumulatori, si prega di rivolgersi ai propri servizi di servizi ambientali o al servizio di smaltimento del negozio in cui avete acquistato il prodotto. (<http://www.ig.com/global/sustainability/environment/what-to-do-right/ig-what-to-do-waste-europe>)

## SVENSKA

- 1 Denna symbol kan kombineras med de kemiska symbolerna för kvicksilver (Hg), kadmium (Cd) eller bly (Pb) om batteriet innehåller mer än 0,0005% kvicksilver, 0,0005% kadmium eller 0,001% bly.
- 2 Alla batterier/ackumulatorer skall hanteras åtskilt från vanligt hushållsavfall och lämnas till för ändamålet avsedda uppsamlingsplatser utskilde av myndigheterna.
- 3 Rätt hantering av dina gamla batterier/ackumulatorer medverkar till att förhindra negativa konsekvenser för miljön, och för djur och människors hälsa.
- 4 För mer detaljerad information om hanteringen av dina gamla batterier/ackumulatorer, ber vi dig att kontakta med myndigheterna där du bor, eller med affären där du köpt din apparat. (<http://www.ig.com/global/sustainability/environment/what-to-do-right/ig-what-to-do-waste-europe>)

## NEDERLANDS

- 1 Dit symbool kan samen met de chemische symbolen voor kwik (Hg), cadmium (Cd) en lood (Pb) worden gebruikt als de batterij of de accu meer dan 0,0005% kwik, 0,002% cadmium of 0,004% lood bevat.
- 2 Het is belangrijk om de afvalstoffen niet te gooien in het riool of in de afvalzakken. Het is belangrijk om de afvalstoffen te behandelen op een verantwoorde manier.
- 3 Door deze batterijen en accu's op de juiste manier af te voeren, helpt u mogelijk negatieve gevolgen voor het milieu en de gezondheid van mens en dier te voorkomen.
- 4 Het is ook meer informatie over het afvoeren van lege batterijen en accu's beschikbaar op de website van het gemeentebestuur van uw woonplaats. Het is bijvoorbeeld mogelijk om deze afvalstoffen af te geven aan de winkel waar u het product heeft gekocht. (<http://www.lj.com/global/sustainability/what-to-do-with-batteries-and-ac-batteries>)

## SUOMI

- 1 Tämä symboli voi esiintyä yhdessä elohopean (Hg), kadmiumin (Cd) tai lyijyn (Pb) kemiallisten alkuainien (lyhenne) kanssa, mikä tarkoittaa sitä, että tuote sisältää enemmän kuin 0,0005 % elohopeaa, 0,002 % kadmiumia tai 0,004 % lyijyä, mikä tarkoittaa sitä, että tuote sisältää enemmän kuin 0,0005 % elohopeaa, 0,002 % kadmiumia tai 0,004 % lyijyä.
- 2 Käytä jätteen kierrättämistä koskevia sääntöjä ja ohjeita, jotta voit välttää ympäristön saastumisen ja ihmisten terveyshaittojen.
- 3 Käytettyjen paristojen/akkujen oikea hävitys auttaa estämään mahdollisia negatiivisia vaikutuksia ympäristöön, eläin- ja ihmisten terveyteen.
- 4 Käytä jätteen kierrättämistä koskevia sääntöjä ja ohjeita, jotta voit välttää ympäristön saastumisen ja ihmisten terveyshaittojen. Lisäksi on saatavilla lisätietoja jätteiden kierrättämisestä ja niiden hävittämisestä paikallisesta viranomaisesta. (<http://www.lj.com/global/sustainability/what-to-do-with-batteries-and-ac-batteries>)

## DUTSCH

- 1 Dieses Symbol kann mit chemischen Symbolen für Quecksilber (Hg), Cadmium (Cd) oder Blei kombiniert sein, wenn die Batterie mehr als 0,0005 % Quecksilber, 0,002 % Cadmium oder 0,004 % Blei enthält.
- 2 Alle Batterien/Akkus sollten getrennt vom Hausmüll über die entsprechenden Sammelstellen entsorgt werden, die von verschiedenen Regierungen festgelegt sind (siehe unten).
- 3 Die ordnungsgemäße Entsorgung Ihrer alten Batterien/Akkus hilft bei der Vermeidung möglicher negativer Folgen für Mensch, Tier und Umwelt.
- 4 Wenn Sie sich noch weitere Informationen über die Entsorgung Ihrer alten Batterien/Akkus wünschen, Sie sich bitte an Ihre Stadt- oder Gemeindeverwaltung, die für Ihre jeweilige Abfallbehandlung oder das Geschäft, in dem Sie das Produkt gekauft haben. (<http://www.lj.com/global/sustainability/what-to-do-with-batteries-and-ac-batteries>)

## DANSK

- 1 Symbolet kan være kombineret med de kemiske symboler for kviksølv (Hg), kadmium (Cd) eller bly (Pb), hvis batteriet indeholder mere end 0,0005% kviksølv, 0,002% kadmium eller 0,004% bly.
- 2 Alle batterier/akkumulatorer bør bortskaffes på separat vis, og ikke som husholdningsaffald, men via specielle opsamlingssteder, der er udpeget af de offentlige eller lokale myndigheder.
- 3 Når du bortskaffer dine gamle batterier/akkumulatorer på korrekt vis, hjælper du med til at forhindre mulige negative konsekvenser for miljøet samt på thyng menneskers sundhed.
- 4 Endnu du yderligere oplysninger om bortskaffelse af dine gamle batterier/akkumulatorer, skal du kontakte de offentlige myndigheder, genbrugspladser eller butikken, hvor du købte produktet. (<http://www.lj.com/global/sustainability/what-to-do-with-batteries-and-ac-batteries>)

## LATVIENKA

- 1 Šis simbols varbūt ir kombinēts ar ķīmiskajiem simboliem dzīvsudrabiņam (Hg), kadmijam (Cd) jēlīgidrabiņam (Pb), ja baterijā satur vairāk nekā 0,0005% dzīvsudrabiņa, 0,002% kadmija jēl,004% jēlīgidrabiņa.
- 2 Visas baterijas/akumulatorus jānosūta atsevišķi, ne kopā ar mājas atkritumiem, bet caur speciāli noteiktiem savākšanas punktiem, kurus izmanto valsts vai vietējās iestādes.
- 3 Pareizi izmetot savus vecus baterijas/akumulatorus palīdzēs izvairīties no iespējamām negatīvām ietekmēm uz vidi un cilvēku veselību.
- 4 Ja vēlaties saņemt papildu informāciju par to, kā pareizi izmetēt savas vecas baterijas/akumulatorus, sazinieties ar vietējām iestādēm, atkritumu savākšanas punktiem vai veikaliem, kurus apmeklējāt, kad pirājāt šo produktu. (<http://www.lj.com/global/sustainability/what-to-do-with-batteries-and-ac-batteries>)

## ESPAÑOL

- 1 Este símbolo puede aparecer junto con símbolos químicos de mercurio (Hg), cadmio (Cd) o plomo (Pb) si la batería contiene más de un 0,0005 % de mercurio, un 0,002 % de cadmio o un 0,004 % de plomo.
- 2 Las baterías o acumuladores no deben tirarse junto con los residuos comunes, sino a través de los puntos de recogida designados por el gobierno o las autoridades locales.
- 3 La correcta recogida y tratamiento de las baterías o acumuladores antiguos contribuye a evitar los potenciales impactos negativos para el medio ambiente, los animales y la salud pública.
- 4 Para más información sobre el tratamiento de baterías o acumuladores antiguos, póngase en contacto con su ayuntamiento, el servicio de recogida de residuos o el comercio en el que adquirió el producto. (<http://www.goy.com/gobal/sustainability/our-impact/take-back-recycling/global-network-europe>)

## PORTUGUÊS

- 1 Este símbolo puede ser combinado con símbolos químicos para mercurio (Hg), cádmio (Cd) ou chumbo (Pb) se a bateria contiver mais de 0,0005% de mercurio, 0,002% de cádmio ou 0,004% de chumbo.
- 2 Todas as baterias/acumuladores devem ser eliminados em separado do lixo municipal através dos serviços de recolha designados pelas autoridades locais ou nacionais.
- 3 A eliminação correta de todas as baterias/acumuladores usados ajuda a prevenir consequências negativas para o ambiente e para a saúde humana e animal.
- 4 Para informações mais detalhadas sobre a eliminação das suas baterias/acumuladores, contacte por favor os serviços de recolha locais, ou o local onde adquiriu o produto. (<http://www.goy.com/gobal/sustainability/our-impact/take-back-recycling/global-network-europe>)

## SLOVENČINA

- 1 Tento symbol môže byť kombinovaný s chemickými symbolmi pre ortuť (Hg), kadmium (Cd) alebo olovo (Pb) v prípade, ak batéria obsahuje viac ako 0,0005 % ortuť, 0,002 % kadmia alebo 0,004 % olova.
- 2 Všetky batérie/akumulátory by sa mali likvidovať oddelene od komunálneho odpadu prostredníctvom určených zberných miest pre starých článkov alebo starých akumulátorov.
- 3 Správna likvidácia všetkých starých batérií/akumulátorov pomôže zabrániť negatívnym následkom na životné prostredie, zdravotný stav ľudí a zvierat.
- 4 Viac informácií o likvidácii starých batérií/akumulátorov vám poskytne váš mestský úrad, firma na likvidáciu odpadov alebo obchod, kde ste výrobok kúpili. (<http://www.goy.com/gobal/sustainability/our-impact/take-back-recycling/global-network-europe>)

## ČESKY

- 1 Tento symbol může být kombinován s chemickou značkou rtuť (Hg), kadmia (Cd) nebo olova (Pb), pokud baterie obsahuje více než 0,0005 % rtuť, 0,002 % kadmia nebo 0,004 % olova.
- 2 Všechny baterie/akumulátory je nutno likvidovat odděleně od komunálního odpadu, využijte k tomu určená střediska nebo sběrná místa.
- 3 Správná likvidace starých baterií/akumulátorů pomůže zabránit možným negativním dopadům na životní prostředí a zdraví lidí a zvířat.
- 4 Pro další informace o likvidaci starých baterií/akumulátorů vám sdělí váš místní úřad, zpracovatel odpadu nebo obchod, kde jste produkt získali. (<http://www.goy.com/gobal/sustainability/our-impact/take-back-recycling/global-network-europe>)

## ITALIANO

- 1 Tale simbolo può essere combinato con simboli chimici per il mercurio (Hg), il cadmio (Cd) o il piombo (Pb) se la batteria contiene più del 0,0005 % di mercurio, 0,002% di cadmio o il 0,004% di piombo.
- 2 Tutte le batterie/acumulatori non devono essere gettate insieme ai rifiuti comuni, ma attraverso i punti di raccolta designati dal governo o le autorità locali.
- 3 Il corretto smaltimento delle batterie/acumulatori contribuisce a evitare i potenziali impatti negativi sull'ambiente, sulla salute pubblica e sulla salute degli animali.
- 4 Per ulteriori informazioni sullo smaltimento delle batterie/acumulatori, rivolgetevi al vostro comune, al servizio di raccolta rifiuti o al negozio in cui avete acquistato il prodotto. (<http://www.goy.com/gobal/sustainability/our-impact/take-back-recycling/global-network-europe>)

**FRANÇAIS**

- 1 Le symbole de l'ingénieur (Eg) est autorisé (Eg), le symbole (Eg) est autorisé (Eg), le symbole (Eg) est autorisé (Eg), le symbole (Eg) est autorisé (Eg).
- 2 Minden elemet/alkumulátor a háttérrel hulladékkezeléssel kell kezelni, a komoly, illetve a helyi hatóságok által kijelölt gyűjtőhelyeken.
- 3 A nagy elemek/akkumulátorok megkezeléséhez kétféle típusú elemekkel kell megkezelni a háttérrel, illetve a helyi és nemzeti jogszabályok szerint, illetve a helyi és nemzeti jogszabályok szerint.
- 4 A nagy elemek/alkumulátorok hulladékkezelésével kapcsolatos részletes információkért forduljon az illetékes hatósághoz, a hulladékkezelő szolgáltatóhoz, illetve ahhoz az üzemhez, ahol a terméket vásárolta. (<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe>)

**POLSKI**

- 1 Symbol inżyniera (Eg) jest dozwolony (Eg), symbol (Eg) jest dozwolony (Eg), symbol (Eg) jest dozwolony (Eg), symbol (Eg) jest dozwolony (Eg).
- 2 Wszystkie baterie/akumulatory powinny być użytkowane w oddzieleniu od innych odpadów komunalnych przez jednostki wyznaczone do tego celu przez władze rządowe lub lokalne.
- 3 Wszystkie symbole użytych w urządzeniach/urządzeniach powinny być używane zgodnie z lokalnymi przepisami i przepisami państwa, zgodnie z lokalnymi przepisami i przepisami państwa.
- 4 W celu uzyskania więcej informacji na temat użytkowania użytych baterii/akumulatorów należy skontaktować się z lokalnym urzędem miasta, zakładem usług komunalnych lub sklepem, w którym produkt został zakupiony. (<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe>)

**FINN**

- 1 Sada symbolit (Eg) on sallittu (Eg), symbolit (Eg) on sallittu (Eg), symbolit (Eg) on sallittu (Eg), symbolit (Eg) on sallittu (Eg).
- 2 Kaikki paristot/akut on käytettävä erikseen muista kotitalouden jätteistä, mikäli niitä kerätään erikseen jätteiden kierrätyksen osana paikallisten viranomaisten toimesta.
- 3 Tällaiset paristot/akut on käytettävä erikseen muista kotitalouden jätteistä, mikäli niitä kerätään erikseen jätteiden kierrätyksen osana paikallisten viranomaisten toimesta.
- 4 Lisätietoja saatte esimerkiksi oman alueen paristot/akut kierrätyksen osasta paikallisten viranomaisten toimesta, jätteiden kierrätyksen osasta paikallisten viranomaisten toimesta, jätteiden kierrätyksen osasta paikallisten viranomaisten toimesta. (<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe>)

**LATVIEŠU**

- 1 Šis simbols var būt pieļaujams (Eg), simbols (Eg) var būt pieļaujams (Eg), simbols (Eg) var būt pieļaujams (Eg), simbols (Eg) var būt pieļaujams (Eg).
- 2 Visas baterijas/akumulācija ir jāizmanto atsevišķi no citiem mājokļa atkritumiem, ja ir paredzēta atkritumu savākšana vietās, atsevišķi no mājokļa atkritumiem.
- 3 Visas baterijas/akumulācija ir jāizmanto atsevišķi no citiem mājokļa atkritumiem, ja ir paredzēta atkritumu savākšana vietās, atsevišķi no mājokļa atkritumiem.
- 4 Lai saņemtu vairāk informāciju par atbaidīšanas no mājokļa atkritumiem/akumulāciju, lūdzu, sazināties ar savas pašvaldības biroju, atkritumu izveidošanas dienestu vai veikalu, kur no pirnāt šo ierīci. (<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe>)

**LIETUVIŲ K.**

- 1 Jei kiti simboliniai elementai yra draugai nei 0,0005 % gyvsidabrio, kadmių (Cd) arba 0,004 % švino, šis ženklas gali būti naudojamas kartu su chemiškai gyvsidabriu (Hg), 0,002% kadmio arba švino (Pb) ženklais.
- 2 Visas baterijas/akumulacijas turi būti išmesti atskirai, nes jos turi būti išmesti atskirai, kaip ir kitos atliekos.
- 3 Tinkamai žemės ūkio simboliniai elementai/akumulacijas, padidinto apsaugojimo aplinka, gyvenimui žmonių sveikata naudojamų medžiagų padariniai.
- 4 Daugiau informacijos apie šiuos simbolinius elementus/akumulacijas žemiau pateiktose svetainėse rasite: savivaldybės, atliekų tvarkymo tarnybos, atliekų tvarkymo tarnybos, atliekų tvarkymo tarnybos, atliekų tvarkymo tarnybos. (<http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe>)



**EUROPE**

- 1 Simbol može biti kombinovan sa hemijskim simbolima za živo (Hg), kadmijum (Cd) ili olovo (Pb) ako baterija sadrži više od 0,0005% žive, 0,0005% kadmijuma ili 0,004% olova.
- 2 Navešteni simboli moraju biti odloženi odvojeno od ostalih građevinskih otpada, i to preko namenovanih tačaka za prikupljanje, ustanovi/cinili od strane vlade ili lokalne uprave.
- 3 Ispravim odlaganjem starih baterija/akumulatora sprečavate potencijalne negativne efekte na okolinu, zdravlje i životinjski svijet.
- 4 Detaljne informacije o odlaganju starih baterija/akumulatora možete naći na građevinske otpave, komunalnog otpada uvek u prodavnici u kojoj ste kupili proizvod. ([http://www.lg.com/global/sustainability/whatsonmind/faq\\_batt\\_recycling/global\\_recycling\\_europe](http://www.lg.com/global/sustainability/whatsonmind/faq_batt_recycling/global_recycling_europe))

**RUSSIA**

- 1 Делныи символ може бити комбіновані са хімічнми символімі за жывотны (ру) (Hg), кадміум (Cd) або свинец (Pb) якщо батэрыя сьцьміта вядзі ад 0,0005% жывотны, 0,0005% кадміуму або 0,004% свінца.
- 2 Усе акумулятары і батэрыі сьцьміта ўціфнаваць адасьлію ад вытворчага мусору, в спэцыяльных месцах збору, пазначаных прадпрыемствамі ці мясцьмімі органамі ўлады.
- 3 Правільнае ўтыляваньне старых батэрыі і акумулятары памажае прадпрыемствам пазьбяраць аднегатывнае ўплыву на навакольнае асяродзьдзю і здарэньне жывотны.
- 4 Для палучэньня больш падрабязнага сьцьміта аб уціфнаваньні батэрыі і акумулятары абратніцеся в адміністрацыю горада, службы, займаюцца з уціфнаваньнем ілі в магазіні, дзе былі панавотаны прадукт. ([http://www.lg.com/global/sustainability/whatsonmind/faq\\_batt\\_recycling/global\\_recycling\\_russia](http://www.lg.com/global/sustainability/whatsonmind/faq_batt_recycling/global_recycling_russia))

**INDONESIA**

- 1 Simbol ini dapat dikombinasikan dengan simbol kimia lainnya untuk merkuri (Hg), kadmium (Cd) atau timbal (Pb) jika baterai mengandung lebih dari 0,0005% merkuri, 0,0005% kadmium atau 0,004% timbal.
- 2 Semua baterai/akumulasi harus dibuang secara terpisah dari limbah konstruksi lainnya, dan melalui lokasi-lokasi yang ditentukan, seperti lokasi-lokasi pengumpulan, instansi/instansi dari pemerintah atau instansi lokal.
- 3 Praktek pembuangan yang benar dari baterai dan akumulator akan membantu perusahaan untuk mencegah dampak negatif terhadap lingkungan dan kesehatan manusia.
- 4 Untuk informasi yang lebih detail mengenai cara membuang baterai dan akumulator, Anda dapat mengunjungi lokasi-lokasi yang ditunjukkan atau menghubungi instansi yang bertanggung jawab untuk pengelolaan limbah. ([http://www.lg.com/global/sustainability/whatsonmind/faq\\_batt\\_recycling/global\\_recycling\\_indonesia](http://www.lg.com/global/sustainability/whatsonmind/faq_batt_recycling/global_recycling_indonesia))

**BRAZIL ONLY****Produto, Pilhas e Baterias:**

- 1 Não é recomendável a descarte de produtos, assim como pilhas, baterias, acessórios em locais comuns.
- 2 Após o uso, estes itens devem ser descartados de forma ambientalmente adequada, sob a orientação de estabelecimentos locais ou meio ambiente e saúde humana (Resolução Conselho 411/2010).
- 3 No fim de sua vida útil, descarte o produto de forma ambientalmente adequada, sob pena de ocasionar danos ao meio ambiente e à saúde humana.

**Programa Coleta Inteligente**

- 1 A LG possui o Programa Coleta Inteligente, para facilitar e melhorar o descarte ambientalmente adequado de produtos, pilhas e baterias.
- 2 Através do Programa Coleta Inteligente, a LG disponibiliza pontos de coleta em localidades diversas, incluindo assistência técnicas autorizadas da LG Electronics. Para mais informações visite o site [www.lg.com/br/suporte/coleta\\_coletiva](http://www.lg.com/br/suporte/coleta_coletiva) ou contate nosso SAC através do número 4004-3400 (Capitais e Regiões metropolitanas) ou 0800-707-3454 (demais localidades).

## Battery take-back information

### 1) US

If a non-rechargeable battery is included in this product, the entire device should be recycled in compliance with rechargeable battery recycling standards because of the internal battery. To dispose of properly, call (800) 422-4001 or visit [www.ccl2recycling.com](http://www.ccl2recycling.com).

### 2) Canada

**ENGLISH:** If a non-rechargeable battery is included in this product, the rechargeable battery should be recycled in compliance with non-rechargeable battery recycling standards. To dispose of properly, call 1-800-422-4001 or visit [www.ccl2recycling.com](http://www.ccl2recycling.com).

**FRENCH:** Si le produit inclut une batterie rechargeable, celle-ci devrait être recyclée conformément aux normes de recyclage des batteries rechargeables. Pour vous en débarrasser correctement, appelez 1-800-422-4001 ou visitez [www.ccl2recycling.com](http://www.ccl2recycling.com).

## ENGLISH

**Removal of waste batteries and accumulators (Product with embedded battery ONLY)**

In case this product contains a battery incorporated within the product, which cannot be easily removed by end-users, IT recommends that only qualified professionals remove the battery, either for replacement or for recycling at the end of this product's working life, to prevent damage to the product, and for their own safety; users should not attempt to remove the battery and should contact IT Service Helpline, or other independent service providers for advice.

Removal of the battery will involve dismantling of the product case, disconnection of the electrical cables/connectors, and careful extraction of the battery cell using specialised tools. If you need the manual and/or qualified professionals on how to remove the battery safely, please visit <http://www.hp.com/go/hpinfo/sustainability/yourconcern/faq-waste-recycling>

## DEUTSCH

**Entfernen von Abfallbatterien und -Akkus (Nur für Produkte mit integrierter Batterie)**

Falls dieses Produkt einen in das Produkt integrierten Akku enthält, der nicht ohne weiteres durch den Endnutzer entfernt werden kann, empfiehlt LG, dass nur qualifizierte Fachkräfte Batterie oder Akku entfernen, davor entweder wegen einer Ersatzlieferung oder für ein Recycling am Ende der Lebensdauer dieses Produkts ausgetauscht werden muss. Um Schäden am Produkt zu vermeiden, und für Ihre eigene Sicherheit, sollten Benutzer nicht versuchen, Batterie oder Akku zu entfernen und diesbezüglich die LG-Beratungsdienstleistungen oder einen anderen unabhängigen Dienstleister zwecks Beratung kontaktieren.

Das Entfernen von Batterie oder Akku erfordert ein Zerlegen des Produkts, die Trennung der elektrischen Leitungen/ Kontakte und eine sorgfältige Entnahme der Batterie/Akku-Zelle mit Spezialwerkzeugen. Wenn Sie die Anweisungen für qualifizierte Fachkräfte benötigen, wie man Batterie/Akku sicher entfernen kann, besuchen Sie bitte <http://www.lg.com/global/sustainability/yourconcern/faq-waste-recycling>

## FRANÇAIS

**Retrait de batteries et d'accumulateurs à mettre au rebut (produit avec batterie intégrée UNIQUEMENT)**

Dans le cas où ce produit contiendrait une batterie intégrée impossible à retirer facilement par les utilisateurs finaux, IT recommande de confier exclusivement à des professionnels qualifiés le soin de retirer la batterie, que ce soit pour la remplacer ou pour la recycler lorsque le produit est arrivé en fin de vie. Pour éviter d'endommager le produit et pour leur propre sécurité, les utilisateurs ne doivent pas tenter de retirer la batterie et ils doivent demander conseil à l'aide en ligne de LG Service ou à d'autres prestataires de services indépendants.

Le retrait de la batterie implique de démonter le boîtier du produit, de débrancher les câbles/connecteurs électriques et d'extraire avec précaution la cellule de la batterie en utilisant des outils spécialisés. Si vous avez besoin des manuels et/ou des professionnels sur la façon de retirer la batterie en toute sécurité, visitez le site <http://www.lg.com/global/sustainability/yourconcern/faq-waste-recycling>, ou contactez des professionnels indépendants pour plus de conseils sur les procédures à employer pour retirer la batterie en toute sécurité.

## ITALIANO

**Rimozione delle batterie e accumulatori (SOLO prodotti con batteria incorporata)**

In caso in cui il prodotto contenga una batteria incorporata nel prodotto che non può essere facilmente rimossa dall'utente finale, IT raccomanda che la batteria venga rimossa solo dai professionisti qualificati, sia per la sostituzione sia per il riciclaggio al termine della vita del prodotto. Per evitare danni al prodotto, e per la propria sicurezza, gli utenti non devono tentare di rimuovere la batteria, ma contatterlo Service Helpline di LG o la funzione di servizi indipendenti per ottenere consiglio.

La rimozione della batteria comporta la smontaggio della custodia del prodotto, la disconnessione di cavi/connectors elettrici, e la felice estrazione della cella della batteria utilizzando strumenti specifici. In caso di bisogno di istruzioni per professionisti qualificati su come rimuovere la batteria in modo sicuro, si prega di visitare <http://www.hp.com/go/hpinfo/sustainability/yourconcern/faq-waste-recycling>

## ESPAÑOL

**Eliminación de las baterías y acumuladores usados (SOLO para productos con batería integrada)**

Para evitar que este producto contenga una batería incorporada que no pueda ser retirada fácilmente, LG recomienda que sólo profesionales cualificados retiren la batería, ya sea para su sustitución que para retirar la batería al final de la vida útil del producto.

Para evitar daños en el producto, y por su propia seguridad, el usuario no debe intentar retirar la batería, debe ponerse en contacto con la Línea de Ayuda de Servicios de LG, o con otros proveedores de servicios independientes para su asesoramiento.

La eliminación de la batería implicará desmontar la carcasa del producto, la desconexión de los cables dentro del producto, y una cuidadosa extracción de la célula de la batería utilizando herramientas especializadas. Si necesita instrucciones de profesionales cualificados sobre cómo retirar la batería de manera segura, por favor visite <http://www.lg.com/global/sustainability/environment/take-back-recycling>

## PORTUGUÊS

**Remoção de resíduos de pilhas e acumuladores (APENAS produtos com bateria incorporada)**

Para evitar que este produto contenha uma bateria incorporada que não possa ser removida prontamente pelos utilizadores finais, seja para substituição ou para eliminação final da unidade deste produto, a LG recomenda que a sua remoção seja efetuada apenas por técnicos qualificados. Para evitar danificar o produto e para sua própria segurança, os utilizadores não deverão tentar remover a bateria, devendo contactar o Serviço de Assistência LG ou outros fornecedores de serviços independentes.

A remoção da bateria implicará a desmontagem do produto, a desconexão dos cabos dentro das unidades eletrónicas e a extração cuidadosa da célula da bateria utilizando ferramentas especializadas. Se precisar saber mais coisas de técnicos qualificados sobre o modo de remoção segura da bateria, visite <http://www.lg.com/global/sustainability/environment/take-back-recycling>

## NEDERLANDS

**Verwijdering van afgedankte batterijen en accu's (ALLEEN product ingebodde batterij)**

In het geval dat dit product een binnen het product opgenomen batterij bevat, die niet gemakkelijk kan worden verwijderd door eindgebruikers, wordt LG aan de eindgebruiker afgeraden de afgedankte batterij te verwijderen of te vervangen, opzij te zetten of anderszels te gebruiken voor het einde van de levensduur van dit product. Om schade aan het product te voorkomen, en voor uw eigen veiligheid, moeten gebruikers met problemen om de batterij te verwijderen in contact opnemen met de LG-serviceafdeling of andere kwaliteitsgerichte serviceproviders van advies.

Het verwijderen van de batterij behelst het demontageren van de product behuizing, het loskoppelen van de verbinding van de elektronische eenheden en het zorgvuldig ontkoppelen van de batterij met gebruik van gespecialiseerde gereedschappen. Als u de instructies voor gespecialiseerde professionals nodig hebt, behelst het advies van experts van de batterij, ga naar <http://www.lg.com/global/sustainability/environment/take-back-recycling>

## ΕΛΛΗΝΙΚΑ

**Αφαίρεση χρησιμοποιημένων μπαταριών και συσσωρευτών (ΜΟΝΟ για τα προϊόν με την ενσωματωμένη μπαταρία)**

Στην περίπτωση που το προϊόν διαθέτει ενσωματωμένη μπαταρία που δε μπορεί να αφαιρεθεί από το χρήστη, η LG σας προτείνει να απευθυνθείτε σε επαγγελματίες για την αφαίρεση της μπαταρίας, εάν πρόκειται να την αντικαταστήσετε ή να τη στείλετε για ανακύκλωση στο τέλος της ζωής της. Για την πρόληψη βλάβης στο προϊόν, και για την ασφάλεια του χρήστη, μην επιχειρήσετε να αφαιρέσετε τη μπαταρία. Απευθυνθείτε στη Γραμμή Βοήθειας της LG, ή σε άλλα καταστήματα.

Η αφαίρεση της μπαταρίας, θα περιλαμβάνει αποσυναρμολόγηση του περιβλήματος του προϊόντος, αποσύνδεση των ηλεκτρικών καλωδίων/επιπέδων, και προσεκτική απομάκρυνση της μπαταρίας με εξειδικευμένα εργαλεία. Εάν χρειάζεστε τις συγκεκριμένες οδηγίες για την αφαίρεση της μπαταρίας, επισκεφθείτε τη διεύθυνση <http://www.lg.com/global/sustainability/environment/take-back-recycling>



## БЪЛГАРСКИ

### Изхвърляне на отпадъци съдържащи батерии и акумулатори (САМО за продукти с вградена батерия)

В случай че този продукт съдържа батерия вложена в него, която не може просто да бъде отстранена от фабричните компоненти, LG препоръчва само квалифицирани специалисти да изваждат батерията и да я заменят, и продуктът да се даде за рециклиране в срок на работния си живот. За да предотвратят повреда на продукта, както и за собствената си безопасност, потребителите не трябва да се опитват да изваждат батерията и трябва да се свържат с LG Service Hotline или други независими доставчици на услуги за съвет.

Изключването на батерията намалява риска от изтичане на течности на продукта, предотвратява нежелателни експлозии, намалява риска от изтичане на течности на батерията, като се използват специализирани инструменти. Ако някога имате отниктримент за квалифициран специалист относно това, как да извадите батерията безопасно, моля посетете: <http://www.lg.com/global/sustainability/energy/waste/take-back-recycling>

## SWEDISH

### Kassering av förbrukade batterier och ackumulatörer (Endast produkt med inbyggt batteri)

Om den här produkten innehåller ett inbyggt batteri som inte enkelt kan tas bort kan det behövas specialutrustning för att endast behöriga personer får ta bort batteriet, antingen för byte eller återvinning i slutet av produktens livslängd. För å undgå skada på produkt och av säkerhetsskäl får användarna inte försöka ta ut batteriet och ska kontakta LG Service Hotline, eller en annan oberoende tjänstleverantör för att få hjälp.

För begränsning av fel eller avvikelse demontering av produktens skåp, förhindring av elektriska kabler/kontakter och försiktig utgång av batterifacket med specialverktyg. Vid behov av insikt kan även behöriga tekniker ringa till telefonlinjen för att söka råd, besök sidan <http://www.lg.com/global/sustainability/energy/waste/take-back-recycling>

## ROMÂNĂ

### Fjerning av brukte batterier og akkumulatører (KUN produkt med integrert batteri)

I tillegg dette produktet inneholder et batteri innlemmet i produktet som ikke enkelt kan fjernes av sluttbruker, anbefaler LG at kun kvalifisert fagpersonale fjerner batteriet, enten for bytte eller for resirkulering i slutten av dette produktets levetid. For å unngå skade på produktet, og for deres egen sikkerhet, bør brukere ikke prøve å fjerne batteriet, og bør kontakte LG Service Hotline, eller andre uavhengige serviceleverandører for råd.

Fjerning av batteriet involverer demontering av produktets skåp, forhindring av elektriske kabler/kontakter og forsiktig utbrytning av batterifacket med spesialverktøy. Hvis du trenger instruksjoner for kvalifisert fagpersonale om hvordan batteriet fjernes tryk, gå til <http://www.lg.com/global/sustainability/energy/waste/take-back-recycling>

## DANSK

### Fjernelse af opbrugte batterier og akkumulatører (KUN produkter med integreret batteri)

Dette produktet har et indbygget batteri, som ikke nemt kan fjernes af slutbrugeren, anbefaler LG, at det kun fjernes af kvalificerede tekniske, tekniske det er til rådighed eller genbrug i slutningen af produktets levetid. Med henblik på at forhindre skade på produktet og af sikkerheds årsager til brugernes sikkerhed må slutbrugere ikke selv forsøge at fjerne det batteri, og de bør kontakte LG Service Hotline eller en anden uafhængig serviceleverandør angående råd herom.

Fjernelse af batteriet involverer demontering af produkthuset, afbrydelse af de elektriske kabler/kontakter og forsiktig udgang af batterifacket ved hjælp af specialværktøj. Hvis du har brug for vejledning for kvalificerede tekniske, kan du kontakte telefonlinjen for råd, besøg siden <http://www.lg.com/global/sustainability/energy/waste/take-back-recycling>

## SUOMI

### Käytettyjen paristojen/akkujen poisto (Tuote VAIN kiinteällä akulla)

Tässä tapauksessa tuote pitää sisälleen akun joka on liitetty kiinteästi tuotteen osiin ja jota ei voida vaihtäämättä polttua lopputyössä on toivottu. LG suosittelee että vain pätevät ihmiset ammattilaiset polttavat akun, jolloin vältetään vaurioita tai vaurioitettaviksi tämän tuotteen käyttöön päästyttyä. Estääksien tuotteen tapaturmaa vahinkoja ja taataksien omien turvallisuutensa, käyttäjien ei pidä yrittää irrottaa akua vaan ottaa yhteyttä LG palveluhenkilöön tai muuhun luotettavaan palveluhenkilöön saadaksesi ohjeistusta.

Alkun irrotus sisältää tuotteen kuoren purkamisen, sähköjohtojen/ liittimien irrotuksen, ja akkukannen irrotuksen erikoistyökaluilla. Jos tarvitset ohjeita päteviltä ihmisiltä ammattilaisilta vaurioita varten kaikkien akun turvallista irrotusta, vieraille osoitteessa: <http://www.lg.com/global/sustainability/energy/waste/take-back-recycling>

## EESTI

**Kasutatud patareide ja akude eemaldamine (AINULT kasutud akudega toote korral)**

Tuhul, kui toode on lihtselt seadistatav ja tootja on teinud lihtselt eemaldada, võivad mõned tooted olla seadistatavad, mis võimaldab teil lihtsalt kasutada toote lihtselt eemaldada, võivad mõned tooted olla seadistatavad, mis võimaldab teil lihtsalt kasutada toote lihtselt eemaldada. Nähes, et võite kasutada toote lihtselt eemaldada, võite kasutada toote lihtselt eemaldada. Nähes, et võite kasutada toote lihtselt eemaldada, võite kasutada toote lihtselt eemaldada. Nähes, et võite kasutada toote lihtselt eemaldada, võite kasutada toote lihtselt eemaldada.

Aku eemaldamisel tuleb eemaldada toote korpus, karkassid, elektriühendused / kontaktid ühendus ning vastava tähistatuga eemaldada ettevaatlikult akudelement. Kui vajate aku ohutuks eemaldamiseks professionaalset abi, võite kasutada toote lihtselt eemaldada.

## TIJDUK.

**Baterij ja akumulatori jääkihi pašalinimas (TIK produktams su integruiutu akumulatoriumi)**

Jei želite produkti montužas akumulatori, kuris tiesioginis naudojamas lengvai pašalinimi negali „UG“ reikmenuduoja kad akumulatori, je ko tikimo atveju arba pordirimo produkti tarnavimo laiko pabalgija, pašalinij tik kvalifikuot specialistams. Naikint apsaugoti pagrajy nuo spigeltimo ir jing paigų saugoma, naudotojams naudoti tik kvalifikuot specialistams pašalinimi akumulatoriems ir montuoti pordirimo saugoma. „UG“ naudotojams pagrajy saugoma ir kitas reikmenuduoja, pagrajy naudoti.

Akumulatorius pašalinimas apima produkto korpuso išardymą, elektrinų kabelių/kontaktų atjungimą ir atitinkamų akumulatorius elemento šėrimą naudojant specialius įrankius. Jei jums reiki kvalifikuot specialistams pašalinimas skirtų instrukciją, kolo saugiai pašalinimi akumulatorių, prašome aplankyti <http://www.ug.com/global/sustainability/en/innovation/take-back-recycling>

## LATVIŠU

**Nederiġo baterija un akumulatori izņemšana (TIKAI produktiem ar iebūvēti akumulatoru)**

Ju šim produktā ir akumulatori, kas izmanto produktā, ka gada lietotāji to nevienlaicīgi izņem, LG iesaka akumulatori izņemšanu nodarīt vai parstrādāt nekaitos produkta dzīvās daļas bojāus utiēt tikai kvalificētiem specialistiem. Naikint apsaugoti pagrajy nuo spigeltimo ir jing paigų saugoma, naudotojams naudoti tik kvalifikuot specialistams pašalinimi akumulatoriems ir montuoti pordirimo saugoma. „UG“ naudotojams pagrajy saugoma ir kitas reikmenuduoja, pagrajy naudoti.

Lai izņemtu produkta akumulatori, ir izņemam produkta korpusu, jāatvieno vadu un kontakti un arī pašiem darbinājiem uzmanīgi jāņem akumulatori. Ja jums nepieciešamas kvalificētiem specialistiem par darības norādes par akumulatori drošu izņemšanu, dodieties uz <http://www.ug.com/global/sustainability/en/innovation/take-back-recycling>

## SLOVENŠČINA

**Odstranjevanje odpadnih baterij in akumulatorjev (SAMO izdelki z vgrajeno baterijo)**

Če izdelak vsebuje odpadno baterijo in jih končni uporabnik ne more zlahka odstraniti, vam LG priporoča, da poiščete pomoč usposobljenega strokovnjaka, bodisi za zamenjavo baterije ali za recikliranje ob koncu delovne dobe tega izdelka. Za preprečevanje poškodb na izdelku in varnost uporabnika, ne odstranjujte baterij sami, ampak si poiščite pomoč servisa LG Service Hotline, ali drugega neodvisnega servisa, ki nudi takšno storitvo.

Če želite več informacij o odpadnih baterijah, vprašajte servisnega strokovnjaka, preklopite se na končni uporabnik ali preselite na stran za pomoč uporabnika. Če potrebujete pomoč za kvalifikovane strokovnjake, ki vam lahko varno odstranijo baterije, obiščite spletno stran <http://www.ug.com/global/sustainability/en/innovation/take-back-recycling>

## SRPSKI

**Uklanjanje starih istrošenih baterija i akumulatora (JEDINO proizvođač sa ugrađenom baterijom)**

U slučaju da ovaj proizvod sadrži bateriju koju krajnji korisnik ne može jednostavno da izvede, LG preporučuje da to uradi samo kvalifikovana osoba, bilo da se radi o zameni ili recikliranju baterije nakon što se istroži. Kako bi se sprečilo nastanak bilo kakvog oštećenja na proizvodu, a i zbog svoje lične sigurnosti, korisnik nikako ne treba da pokušava da sam izvede bateriju, već treba da pozovu LG pomoćni servis ili nekog drugog nezavisnog provajera za savet.

Veština tebe je da potražiti servisni centar ili drugi profesionalni usluživač koji može da ukloni baterije i akumulatora. Ako vam je potrebna pomoć, kvalifikovane osobe koje će vam pomoći kako se to radi, molimo Vas da posetite web stranicu <http://www.ug.com/global/sustainability/en/innovation/take-back-recycling>

## UKRAJINSKI

### Uklanjanje potrošenih baterija/akumulatora (SAMO uređaji s ugrađenim baterijama/akumulatorima)

U slučaju oštećenja ili drugih neispravnosti baterija/akumulatora u bilo kojoj proizvodnji koju ne može ispraviti naša kompanija, LG proizvodi je treba baterija/akumulatori uvek sahati kod bilo koje naše prodajne ili servisne stанице ili u bilo kojoj specijalizovanoj prodajnoj ili servisnoj stаницi. Baterije su opasne ako se ne uklone na siguran način. Kompanija ne snosi odgovornost za oštećenja baterija/akumulatora ili bilo koji kontakt koji se dešava tokom nepravilne upotrebe ili druge neispravne procedure servisne stанице ili prodajne stанице.

Uklanjanje baterija/akumulatora uključuje metastavljanje kućnita proizvoda, odspajanje električnih kabela/prilika i pažljivo vađenje čelije baterije pomoću posebnog alata. Ako trebate upute kvalifikovanih profesionalaca kako izvaditi baterije sa vašeg uređaja, molimo posetite <http://www.lg.com/global/customer-support/faq/faq-ukraine-ukrainian>.

## TÜRKÇE

### Atık batarya ve akülerin çikarılması (SADECE gömülü bataryalı üründe)

Bu ürünle ilgili herhangi bir sorundan dolayı teknik destek için batarya/aküleri LG ürünlerimize geri göndermeniz gerekmektedir. LG batarya/akülerini sadece LG ürünler için kullanmanız gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir.

Bataryayı çikarma işlemi için kullanmanız gereken elektrik kablo/bağlantıların kesilmesini ve özel aletler kullanılarak bataryanın çıkartılması için gerekli prosedürleri öğrenin. Müşahideler için LG ürünlerimize geri göndermeniz gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir. Batarya/akülerinizi sadece LG ürünlerimize geri göndermeniz gerekmektedir.

## МАКЕДОНСКИ

### Отстранување на потрошените батерии и акумулатори (САМО производи со вграденa батерија)

Доколку произведениот апарат батерија или не работи, не произведениот апарат не можете извршити изградба или да ја отстраните. LG произведениот батерија или не работи, не произведениот апарат не можете извршити изградба или да ја отстраните. LG произведениот батерија или не работи, не произведениот апарат не можете извршити изградба или да ја отстраните. LG произведениот батерија или не работи, не произведениот апарат не можете извршити изградба или да ја отстраните.

Отстранувањето на батеријата значи и разклопување на куќиштето на производот, истурнување на спојните кабли/капакти и внимателно вадење на батеријата со специјализирани алат. Доколку ви се потребни инструкциите за отстранување, професионален сервис или некоја друга отстранена батерија безбедно, посетете ја веб-страницата <http://www.lg.com/global/customer-support/faq/faq-ukraine-ukrainian>.

## РУССКИЙ

### Извлечение отработанных батарей и аккумуляторов (ТОЛЬКО для продуктов со встроенной батареей)

В случае если данный продукт имеет встроенную батарею, которую конечные пользователи не могут без труда извлечь, компания LG рекомендует, чтобы батарея была извлечена только квалифицированными профессионалами для ее замены или утилизации по окончании срока службы данного продукта. Компания не несет ответственности за повреждение или повреждение безопасности оборудования, вызванного некорректными процедурами извлечения отработанных батарей и аккумуляторов. Если вам нужны инструкции по безопасному извлечению отработанных батарей для квалифицированных профессионалов, посетите <http://www.lg.com/global/customer-support/faq/faq-ukraine-ukrainian>.

Извлечение батарей включает в себя демонтаж корпуса продукта, отключение электрических кабелей/контактов и осторожное извлечение элементов батареи, используя специализированные инструменты. Для получения инструкций по безопасному извлечению отработанных батарей для квалифицированных профессионалов, посетите <http://www.lg.com/global/customer-support/faq/faq-ukraine-ukrainian>.

## Product Specifications

### PC Specifications

Display	14 inch IPS LCD
CPU	Intel®Core™ i7 / i5 / i3 processor <b>The CPU differs depending on model type and cannot be replaced by the user.</b>
GPU	Intel®Iris® X <sub>e</sub> Graphics or Intel® UHD Graphics When processing large graphic data, it utilizes dynamically allocated system memory. The size of the allocated memory depends on the system memory size. <b>The GPU differs depending on model type and cannot be replaced by the user.</b>
System Memory	LPDDR4x Onboard Memory Memory of 3 GB or more is supported only in a 64-bit O/S. <b>Memory size may differ depending on the model. The user must not arbitrarily replace or add the memory.</b>
Storage Device	SATA or NVMe™ SSD (M.2 2280) SATA-type SSD is supported only through an expansion slot. <b>Storage device format and capacity may differ depending on the model.</b>
Bluetooth	Bluetooth 5.1 If you connect to Bluetooth device and wireless LAN at the same time, the system may become slow. In order to use Bluetooth 5.1, the device you want to connect to should support Bluetooth 5.1.
Wireless LAN	Intel® AX201D2W <b>Manufacturers and installers cannot provide services related to human safety as this wireless device may cause radio interference.</b>
Webcam	HD Webcam
LAN	10/100 Megabit or Gigabit <b>To use a wired LAN, you need to have a LAN adapter installed separately. The performance of the provided adapter depends on the model.</b>
Product Weight	Approx. 2.20 lbs (battery included) <b>Weight varies by configuration and manufacturing process.</b>

The product dimensions and specifications differ by model type and cannot be replaced by the user.

## Power Supply and Environments

AC Adapter (Free Voltage)	<p>Power Rating: Up to 65.0 W          Input: AC 100 V to 240 V, 1.6 A 50 / 60 Hz          Output: DC 5.0 V, 3.0 A / 9.0 V, 3.0 A / 15.0 V, 3.0 A / 20.0 V, 3.25 A</p>
Battery	<p>Lithium Ion battery          Charging Hours: 3.0 hours          Charging hours may be longer if the battery is not used for a long time or the system is on.          When temperature is outside the operating temperature specification, the battery may not be charged or charging hours may be longer.          Operating temperature may be different from the actual room temperature.</p>
Operating and Storage Conditions	<p>Operating Temperature: 50 °F to 95 °F          Operating Humidity: 20 % RH to 80 % RH          Storage Temperature: 23 °F to 104 °F          Storage Humidity: 5 % RH to 90 % RH</p>

## Power Consumption

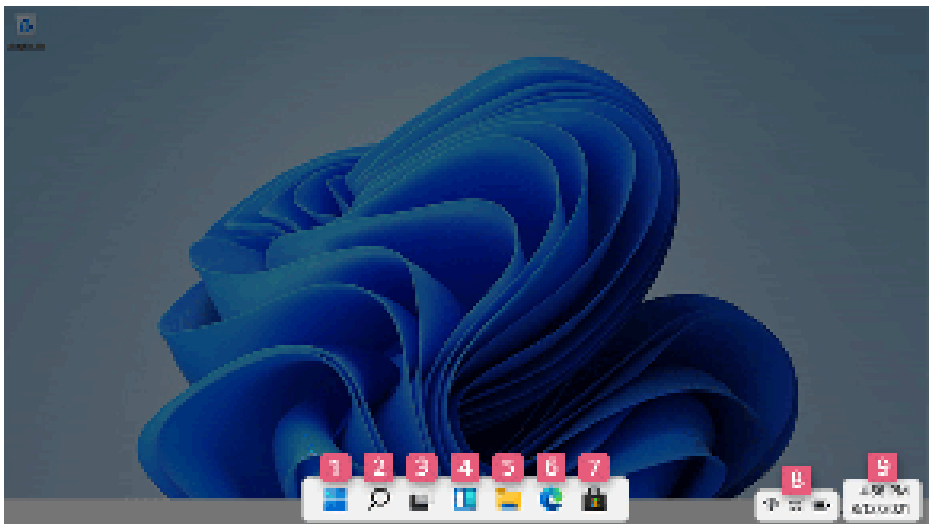
Power consumption of this product during operation standby, sleep mode, and manual off modes may differ depending on the product specifications and the adapter type. Even when the system is turned off, it consumes a minute amount of power, if supplied. To cut off the power supply completely, disconnect the power cord from the power outlet.

# Using Windows 11

## Starting


### Windows 11 Screen Layout

The taskbar in **Windows 11** has been changed so you can use **Windows** quickly and easily.




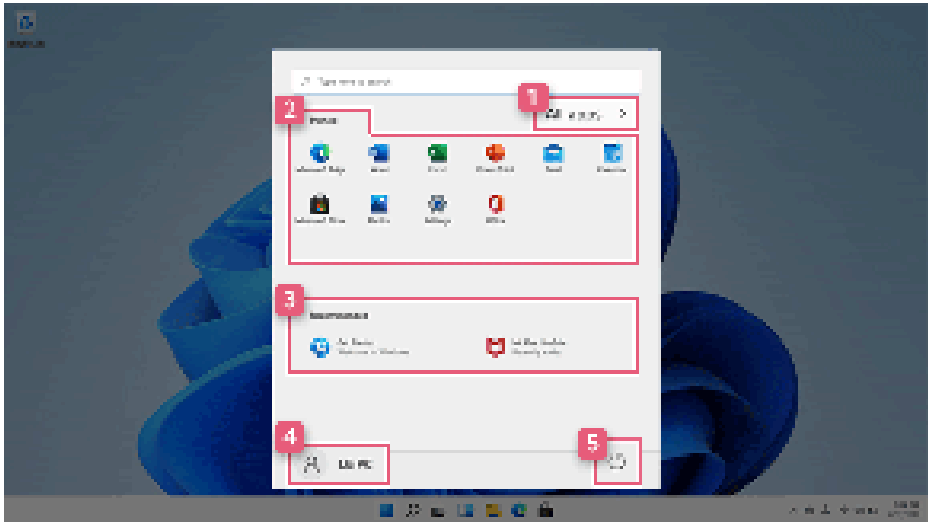
- 1 **Start Button:** It can run apps installed on your PC or use user accounts, power menu, etc.
- 2 **Search:** It can use apps, documents, and web search functions.
- 3 **Task View:** It can show and switch running apps or add/switch a new desktop.
- 4 **Widget:** It displays weather and news in the form of widgets.
- 5 **File Explorer:** File Explorer will run.
- 6 **Microsoft Edge:** Microsoft Edge will run.
- 7 **Microsoft Store:** Microsoft Store will run.
- 8 **Quick Settings:** It displays network, sound, and battery status, and enables you to easily change PC settings.
- 9 **Notifications:** It can check the time or calendar, and system-related notifications are displayed.

## Start Screen

If you select the Start button [  ] on the taskbar, the Start screen will appear.



### TIP

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 1 **All apps:** It shows all the apps installed on your PC.
- 2 **Apps pinned on the Start screen:** It shows the apps pinned on the Start screen.
- 3 **Recommended:** It displays the recommended apps.
- 4 **User Account:** Displays the current user's information. You can use functions such as Change Account Settings, Lock or Sign out.
- 5 **Power:** Sleep, Shut down, and Restart menus are available.

### TIP

" Press [  ] + [X] keys, and then the pop-up menu of the Start button [  ] appears. You can use the pop-up menu to easily access the shortcuts such as Windows Explorer, Search, System Shutdown, and Desktop.

## Desktop Apps and Windows Apps

The Desktop apps remain unchanged from the previous Windows apps, but Windows apps have been changed to include various functions.

The Windows apps provide easy-to-use menus according to the window size and a variety of convenient functions such as Update and Alarm.


## Using Apps

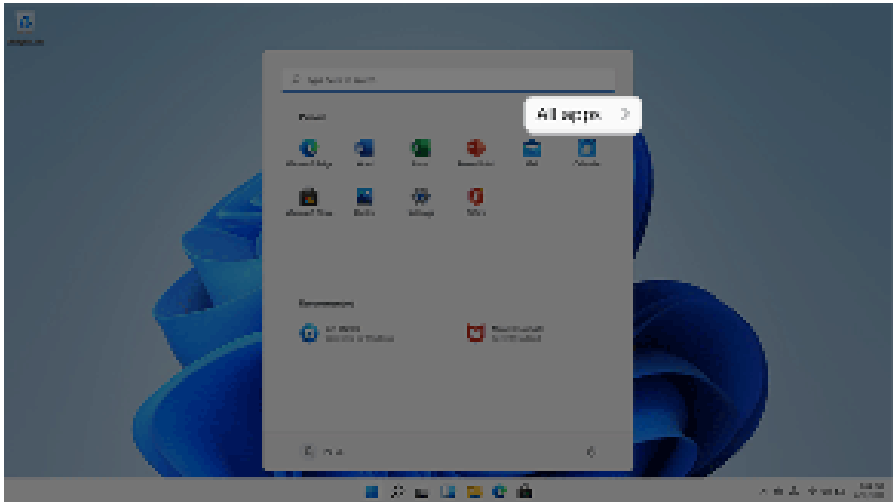
### Running and Exiting Apps

Run apps that were not pinned to the Start screen or apps that were installed on the system using the following method.

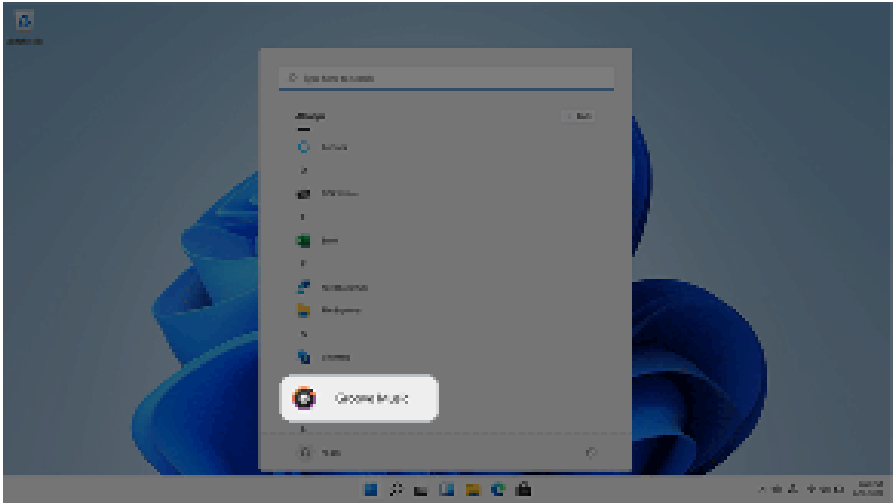
- 1 Select the Start button [  ] > [All apps].

**TIP**

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



## 2 Select and run an app.



## 3 To close the app, select the Close button [ X ] at the top of the app screen.


## Deleting Apps

It can delete apps pinned to the Start Screen or delete desired apps in **[All apps]**.


 TIP

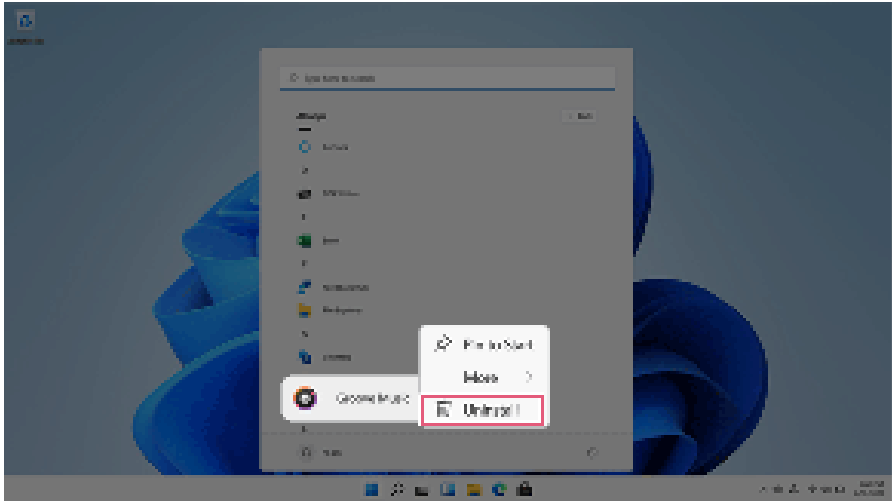
The basic Windows apps that are required may not be deleted.

If you are deleting a desktop app, the **[Programs and Features]** window appears. Right-click the app you want to delete and select **[Uninstall/Change]** to delete the app.

- 1 Select the Start button [  ] and right-click the app you want to delete from the Start screen or [All apps] to select [Uninstall].

**TIP**

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.




- 2 When prompted to confirm the deletion, select [Uninstall] to delete the app.

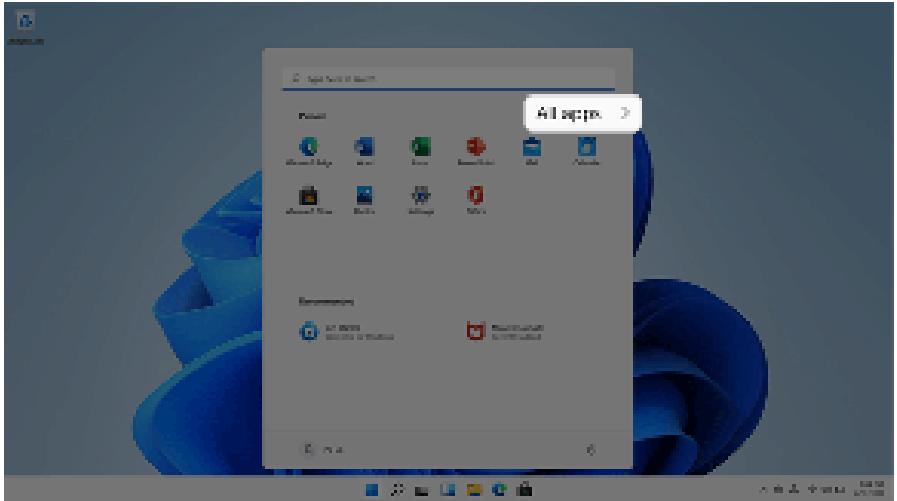
### Adding Apps to Start Screen/Taskbar

You can add frequently used apps on the Start screen and taskbar for easy and quick access.

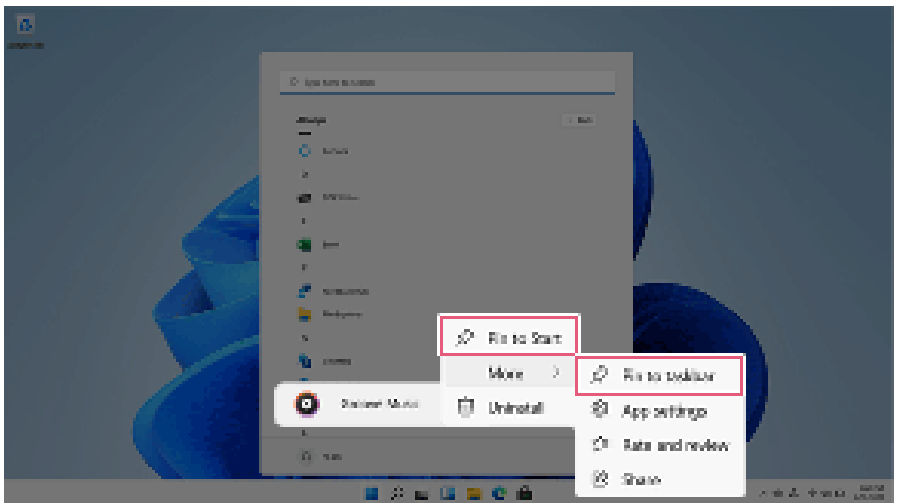
- 1 Select the Start button [  ] > [All apps].

 TIP

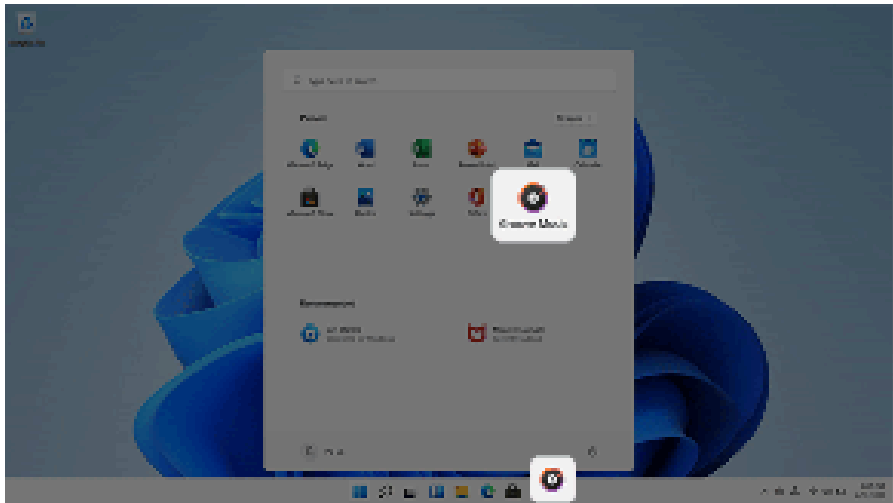
Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Right-click the app you want to add and then click [Pin to Start] or [More] > [Pin to taskbar].



- 3 The app is added to the Start Screen or taskbar.




## Toggleing and Adding Apps/Desktops

In **Windows 11**, you can toggle the running apps easily and quickly, and add desktops to use them like multiple PCs.

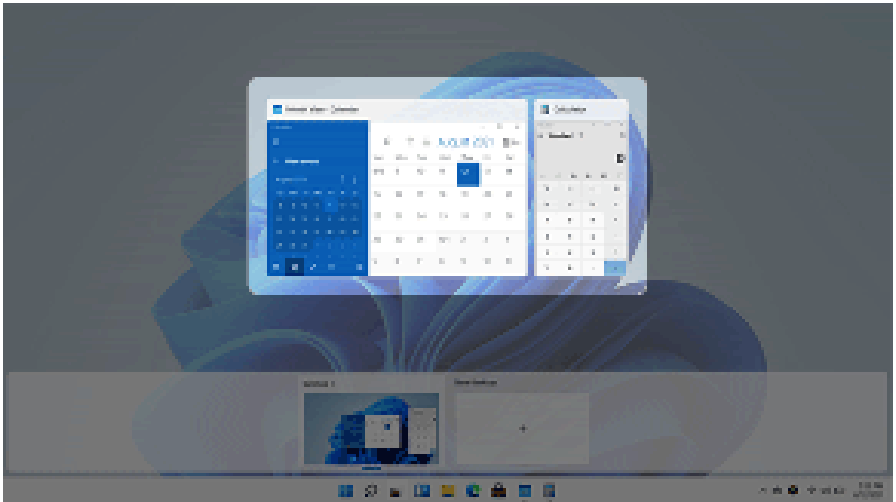
 **TIP**

For an app that does not allow multitasking, you may be switched to the desktop where the app was executed, or you may have an error message.

- 1 If you select [  ] on the taskbar, running apps and desktops are displayed as previews.

 **TIP**

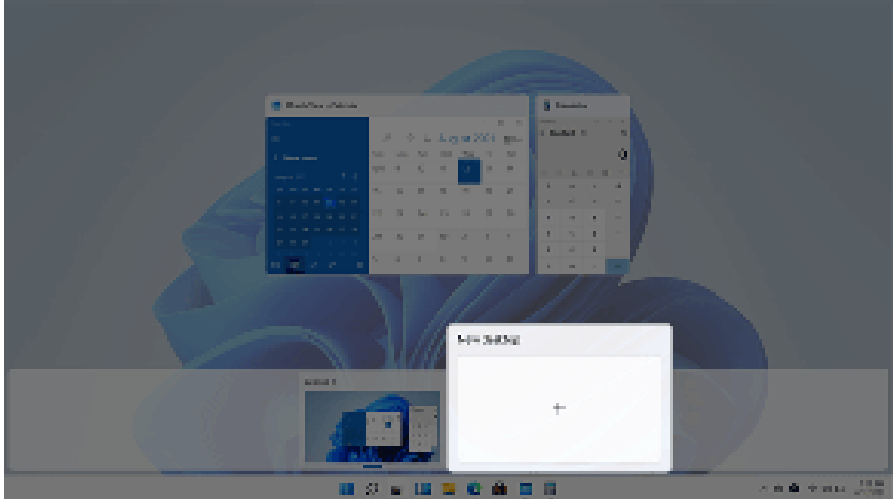
If you select the Close button [  ] of the app displayed as preview, you can close the app.



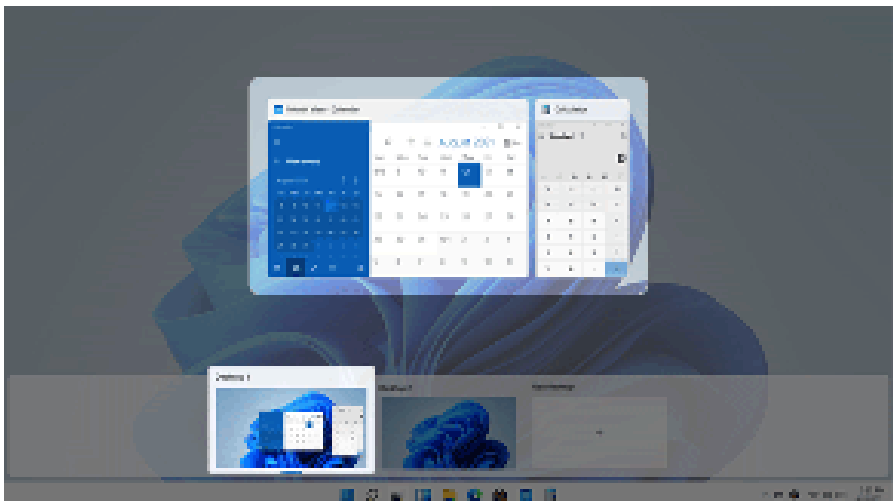
- 2 Select **[New desktop]** to create **[Desktop 2]**.

**TIP**

In the desktop preview, press the Close button [ X ] to delete the desktop and move running apps to another desktop.




- 3 Select an app in the preview or desktop.



- The screen is toggled to the selected app or desktop.

### Using Shortcut Keys

Use the shortcut keys to quickly toggle between apps and desktops.

Shortcut Keys	Description
[Alt] + [Tab]	Hold down the [Alt] key and press the [Tab] key to view the running apps in the preview. Press [Tab] repeatedly to select the app you wish to switch to and then release the [Alt] key.
[Alt] + [Ctrl] + [Tab]	The running apps on the screen are displayed in the preview. Select and switch to an app.
[  ] + [Tab]	If the desktop toggling screen appears, select an app or desktop you wish to switch to.

## Splitting the App Screen

In **Windows 11**, you can easily adjust window sizes and split windows if necessary.

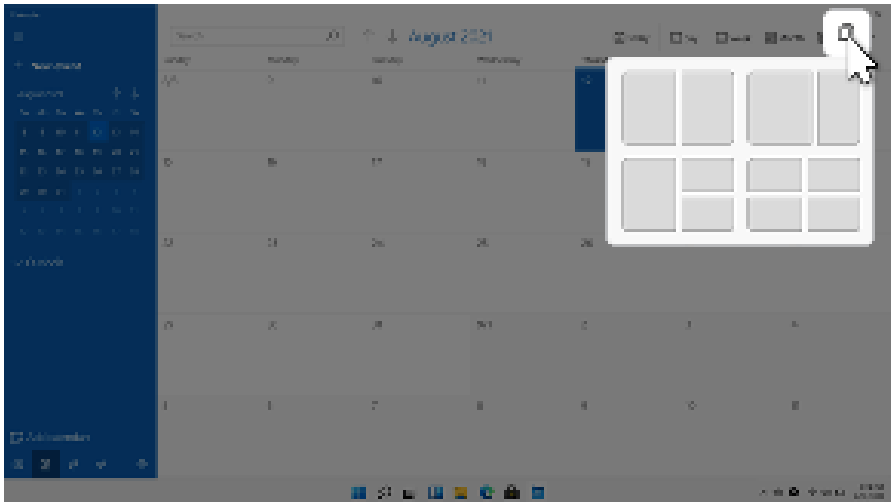


**TIP**

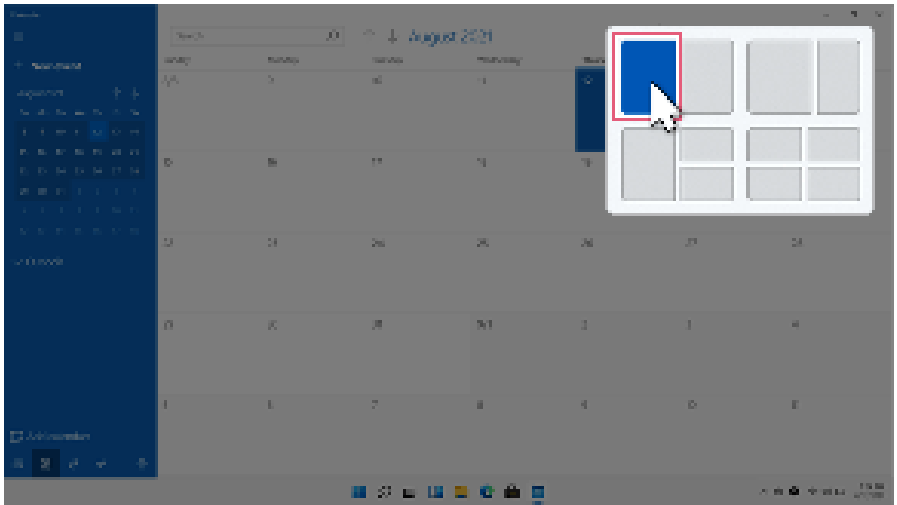
Some apps that cannot adjust the window size do not support the screen split.

### Split Screen with **Snap Layout**

- 1 If you move the mouse cursor to the Maximize button at the top of the Apps Screen, the **Snap Layout** screen appears.

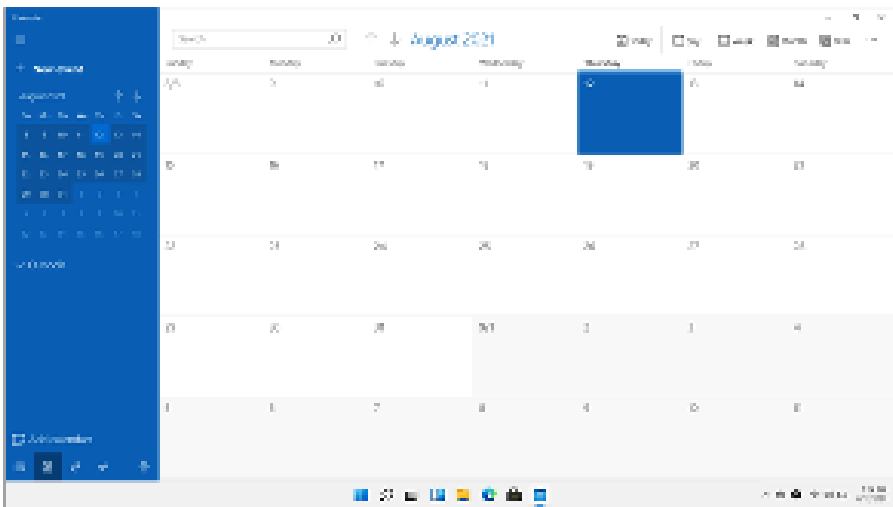
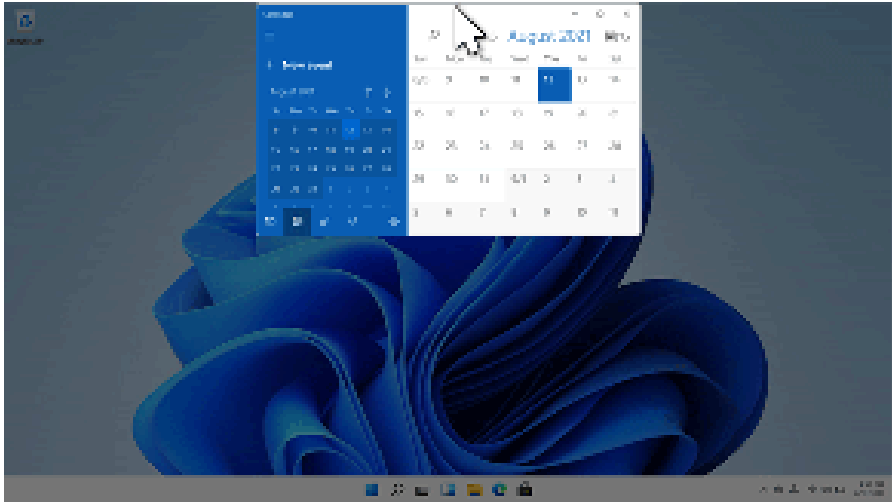


- 2 If you select the desired layout and location, the app screen will be split in the selected location.



## Full Screen

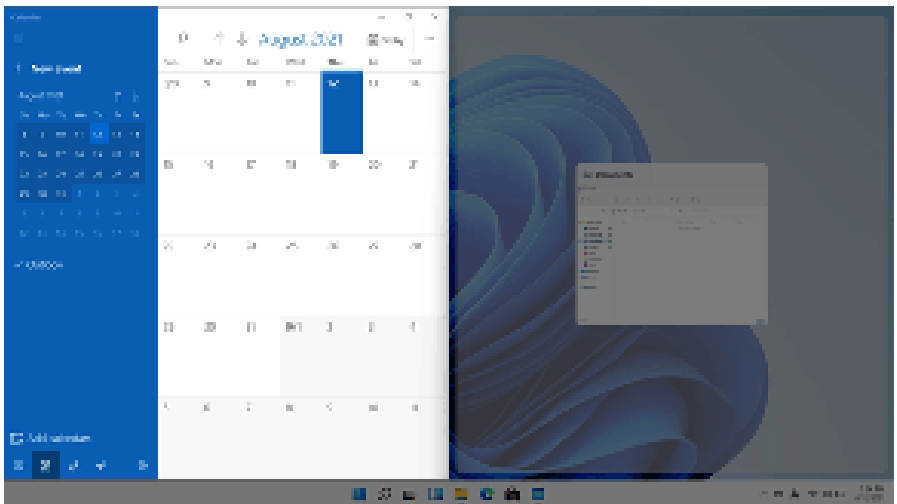
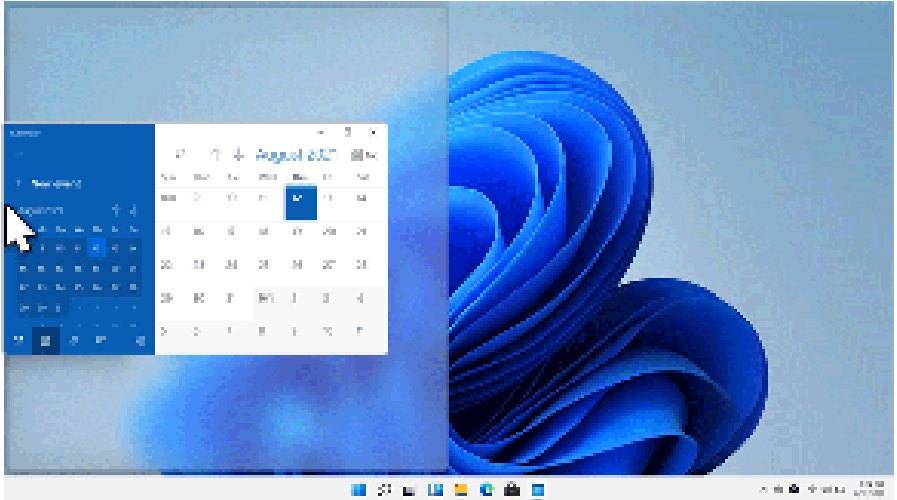
- 1 Drag and drop an app to the top end of the screen to change the app to the full screen size.



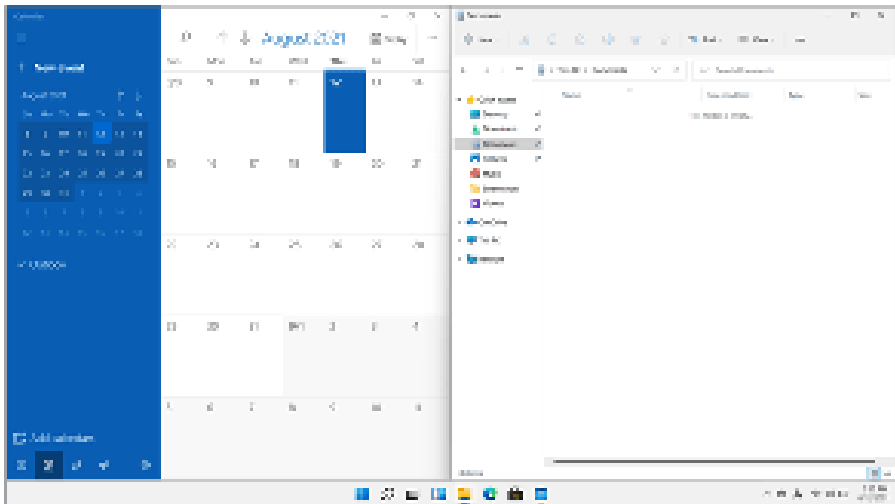
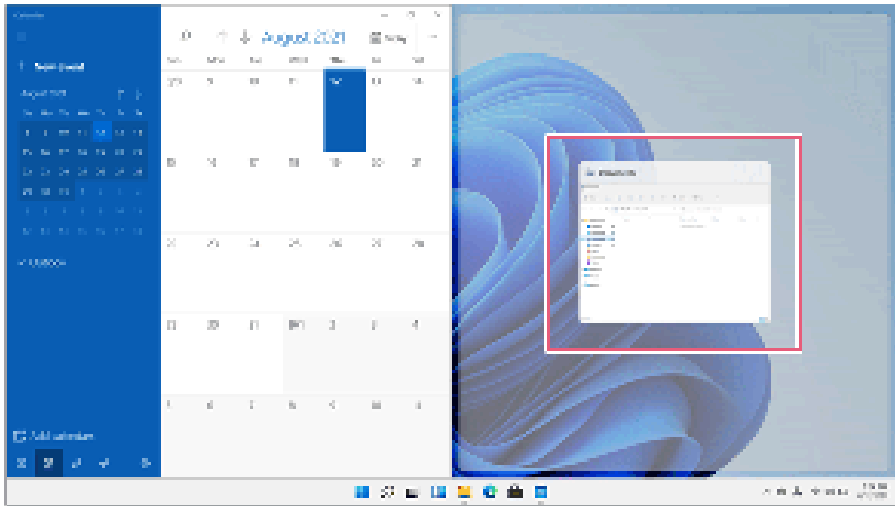
- 2 Drag and drop the app again to a different location to return to its original size.

## Screen Split into Two

- 1 Drag and drop an app to the right end or left end to reduce the size by half according to the guideline.



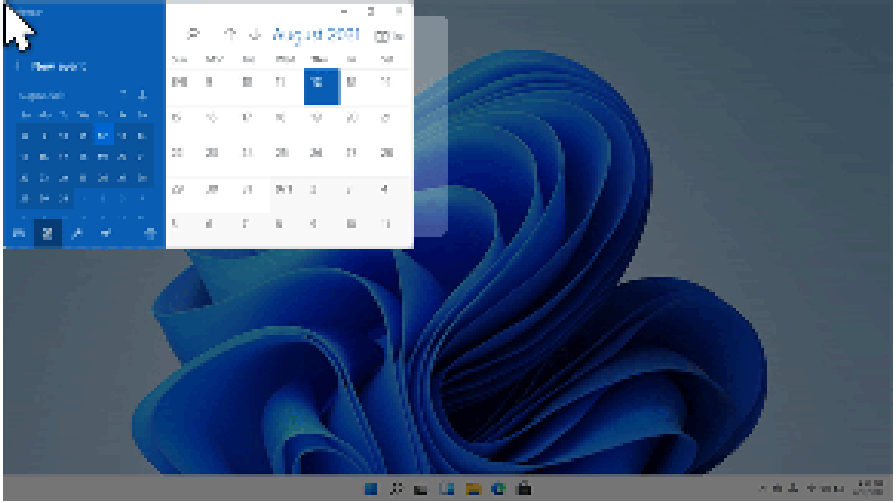
- 2 Select a running app displayed in the preview on the split screen.



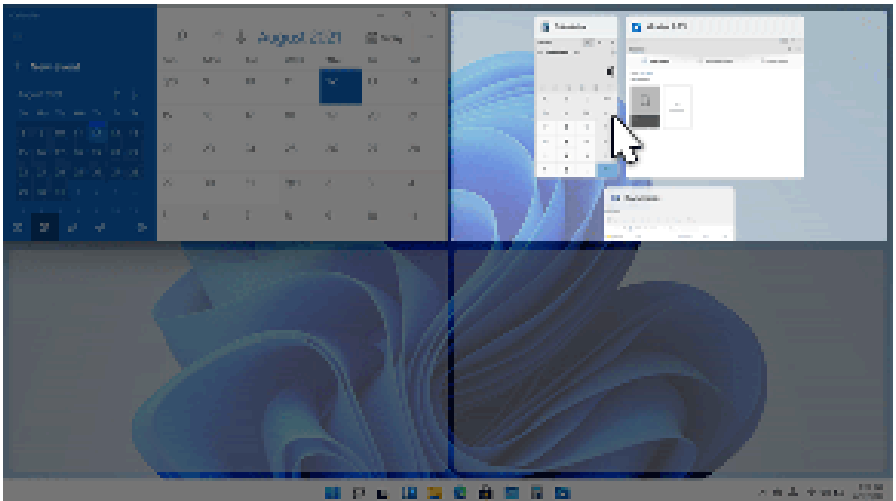
- 3 Drag and drop the app again to a different location to return to its original size.

## Screen Split into Four

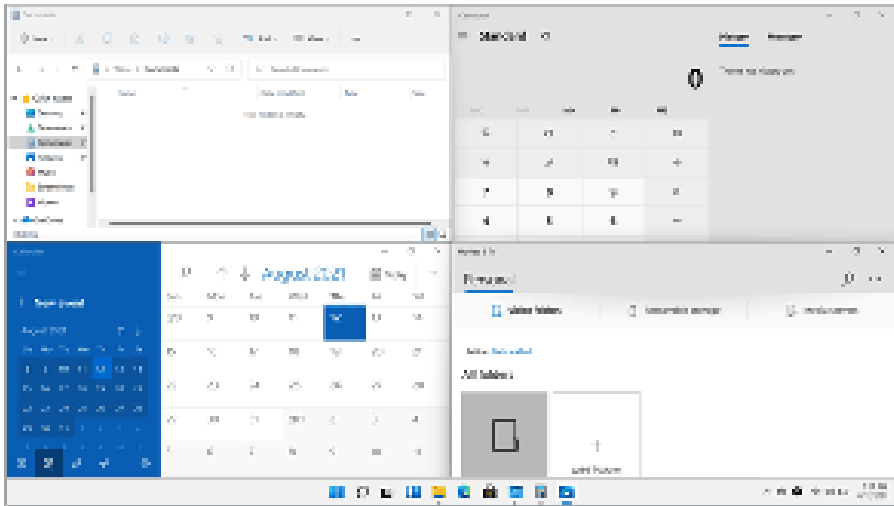
- 1 Drag and drop an app to the left corner to reduce the app to 1/4 size of the screen according to the guideline.



- 2 Select a running app displayed in the preview on the split screen.



- 3 You can use this method to place up to four apps on the screen.



- 4 Drag and drop the app again to a different location to return to its original size.


## Using the Store

You can purchase a variety of apps or get free apps from **Microsoft Store**.




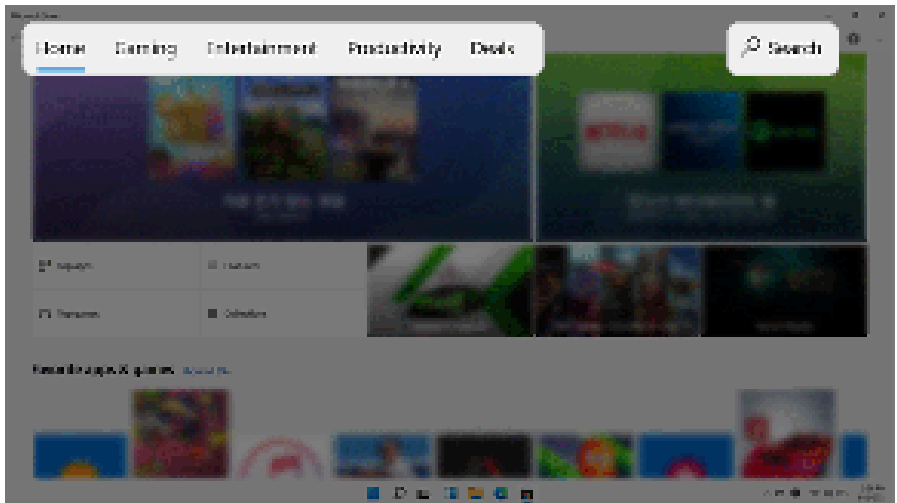
### TIP

If a local account is being used, a window to switch to a **Microsoft** account appears while using Windows Store. Follow the instructions on the screen to switch the local account to a **Microsoft** account.

You can also switch to **Microsoft** account by selecting Start button [  ] > [User Account] > [Change account settings].

If you switch to a **Microsoft** account, your PC settings (background, user settings, etc.) may be changed to the previous settings.

- 1 Select [  ] on the taskbar to run [Microsoft Store].
- 2 Select the app or use the search function on the store screen to install the desired app when the [Microsoft Store] screen appears.

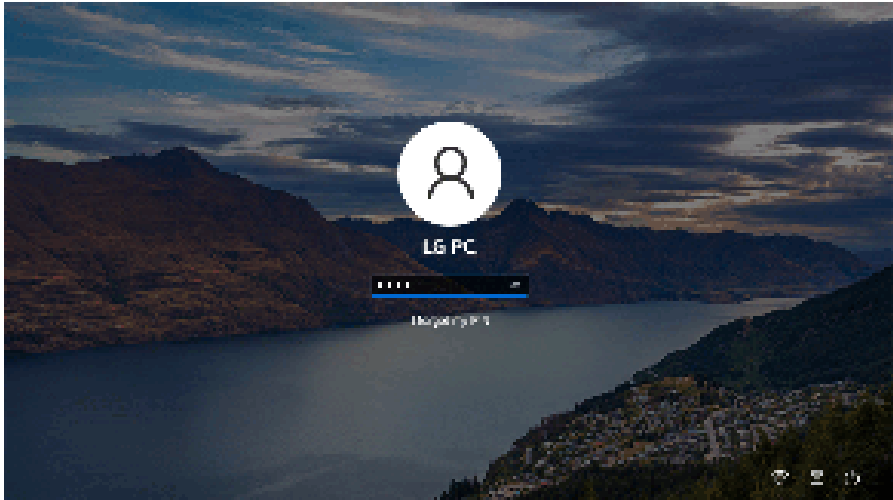


## Unlocking the Screen

If the PC is not used for an extended period, it goes into a locked state.

When the PC is used again, a lock screen appears for security purposes and may be unlocked by using the following method.

- 1 Press any key in the keyboard or left-click the mouse on the lock screen.
- 2 If the login screen appears, enter the password.  
(If no password is set, the screen will be released when you select the login.)



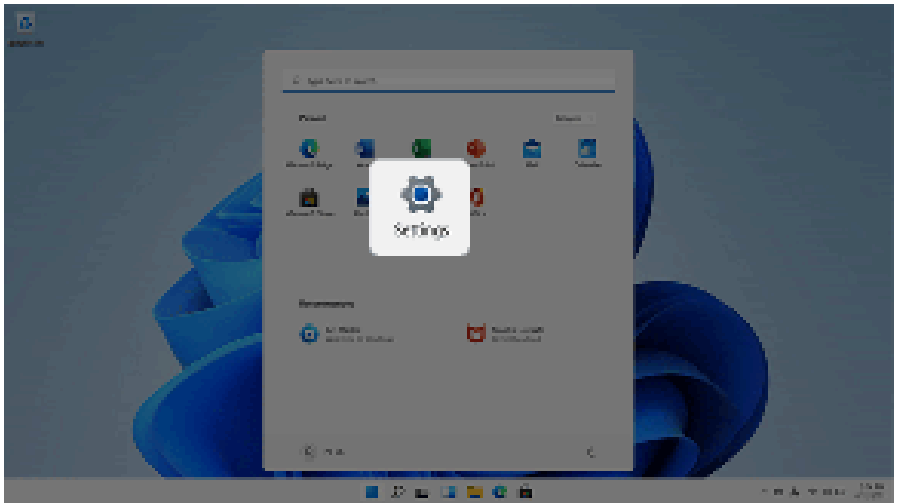
## Setting the PC

ENGLISH

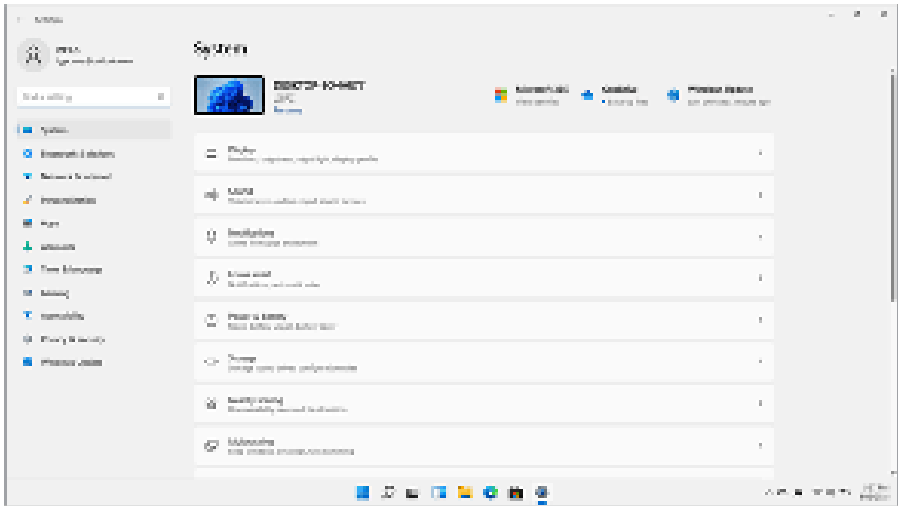
**Windows 11** supports various functions so that the user can change the PC setting easily and quickly.

### Using the **Setting** Menu

- 1 Select the Start button [  ] > [Settings].



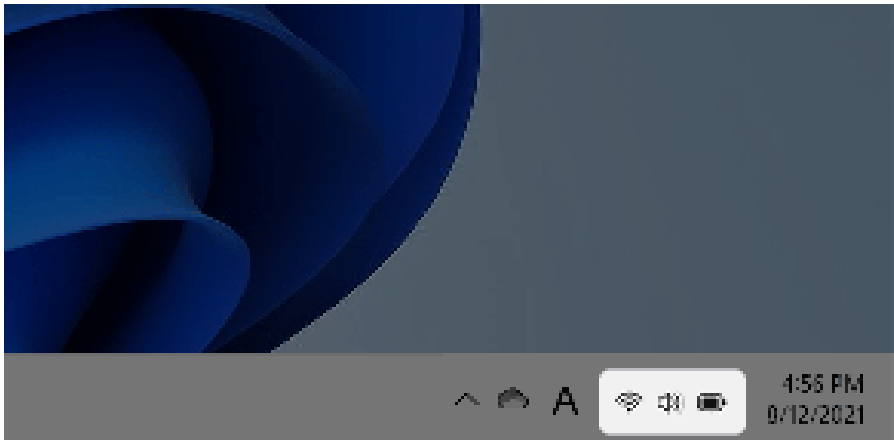
- When the **Settings** screen appears, select and change the settings as needed.



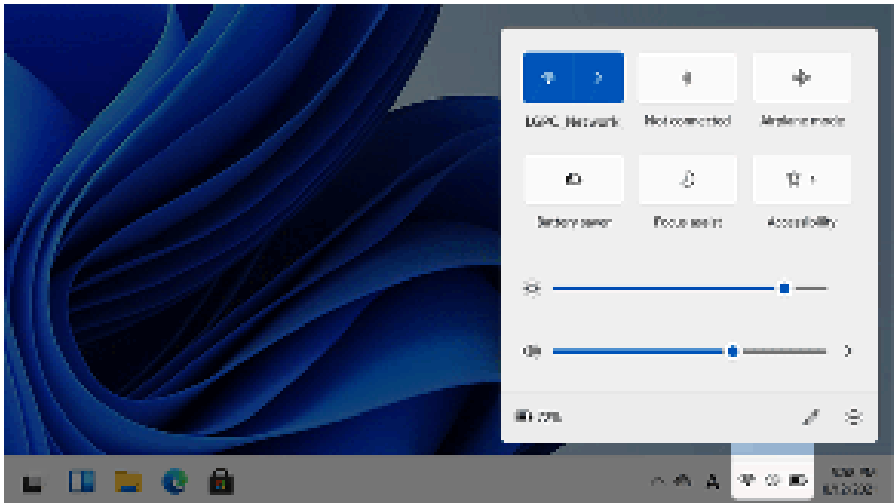
### Using the **Quick Settings**

**Quick Settings** allows users to change the PC settings quickly and easily.


- Select **[Quick Settings]** on the right side of the taskbar.




- 2 Select the desired setting from **[Quick Settings]** and change.




 **TIP**

Selecting the [  ] icon allows you to add/remove the **Quick Settings** menu.


Select the [  ] icon to run the **[Settings]** menu.

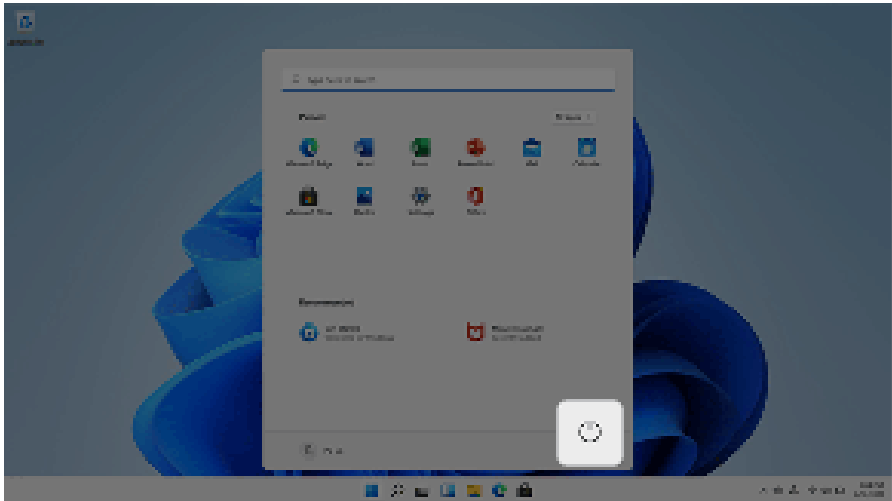
## Windows Shutdown Option

In **Windows 11**, you can use the Windows shutdown option by following these steps:

- 1 Select the Start button [  ] > [Power] and select the desired Windows shutdown option.

 **TIP**

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



 **TIP**

On the Desktop screen, press [Alt] + [F4] to use the Windows shutdown option.  
(Pressing [Alt] + [F4] on a running app may end the app.)

# Using the PC

## Using an AC Adapter and a Battery

Connect the AC adapter to power and charge the product.



**TIP**

The power cable and the AC adapter type may differ per model type and country and there is no difference in functionality.

This product has a built-in battery pack.

The internal battery should not be arbitrarily disassembled or replaced. Arbitrarily disassembling the product may void the warranty.

If you need to disassemble or replace the battery, please visit the designated LG Electronics Service Center.

We charge a fee for removing or replacing the battery.

### Using an AC Adapter

**The AC Adapter can be used from 100 V to 240 V.**

- 1 Connect the AC adapter to a power outlet.
- 2 Connect the AC adapter jack to the PC USB-C™ port.
- 3 Adjust the LCD to the most comfortable angle.
- 4 Press the PC's power button to turn on the system.



**TIP**

" If you want to use the Intel Type-C fast-charging function, please purchase and use a USB-C™ AC adapter with a USB PD certification of 80 W or higher through the e-commerce site.



**CAUTION**

**Do not leave a liquid container on the PC.**

" The system may be short-circuited and damaged.

**WARNING**

**Please use an AC adapter certified by LG Electronics Inc.**

- " Uncertified batteries may explode.
- " It may cause a problem in battery charging or system operation.

**When you use an AC adapter, follow the below directions.**

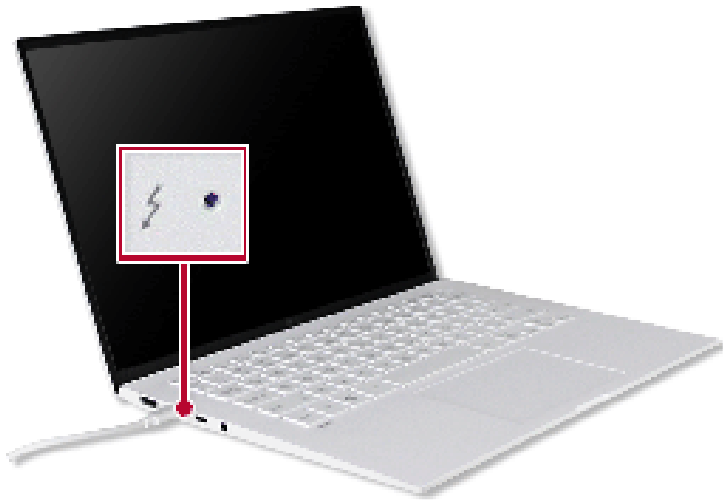
- " 140 °F or more high-humidity spaces, for example, inside cars or saunas, should be avoided when you use or store it.
- " Do not disassemble or modify the AC adapter.
- " Do not twist the AC adapter plug.
- " When you connect the AC adapter, do not forcefully push the plug.

### Checking the Battery State

- 1 Connect the AC adapter to the USB-C™ port on the PC.



- 2 Open the LCD and check the charging state.  
When the AC adapter lamp is blinking, charge it fully with the AC adapter before using it.



**CAUTION**

**Use batteries certified and acknowledged by LG Electronics Inc.**

" Uncertified batteries may explode.

**WARNING**

**The battery may explode due to excessive heat, causing fire. For a safe and efficient use of battery, follow the below directions.**

- " Do not short-circuit the battery.
- " Keep the battery out of reach of children.
- " A visible swelling of the battery pack indicates a possible danger. When this occurs, contact your local vendor or service center immediately.
- " Use only a certified and designated recharger.
- " Keep the battery pack away from heat. (Never put it in a microwave.)
- " Do not leave inside a car under the summer heat.
- " Do not leave or use at a hot and humid place like a sauna.
- " Do not use the machine placed on a heating blanket or other heat reserving materials.
- " Do not leave the machine turned on inside a closed space.
- " Make sure that the battery ports are not touched by any metallic objects like a key, coin, necklace, and watch.
- " Use only a lithium secondary battery certified and guaranteed by mobile device manufactures.
- " Do not disassemble or modify the battery. Do not compress or pierce the battery.
- " Do not apply shock to the battery. For example, do not drop the battery from a high place.
- " Keep the room temperature between 23 °F and 104 °F. Do not expose the PC to heat hotter than 140 °F.
- " Keep the machine dry.
- " Do not discard the battery arbitrarily as you are requested to follow the local procedure for discarding the battery.
- " Before using this machine, read this guide carefully.

**TIP****When the PC is not to be used for a long period of time, refer to the following:**

- " Check the battery charge level on a regular basis and keep it at 50 %. This allows you to extend the battery life.
- " If the battery is left fully charged for an extended period of time, the battery capacity and battery running time may be reduced.
- " If the battery is left fully discharged for an extended period of time, it may become over-discharged and cannot be charged again.

**For more efficient use of the battery, read the following carefully.**

- " The battery runs low naturally even if it is kept unused.
- " To increase battery lifespan, use the battery for a while before charging it rather than keeping the battery completely charged.
- " If you don't use the product for a long time with the battery completely discharged, the battery lifespan may decrease.

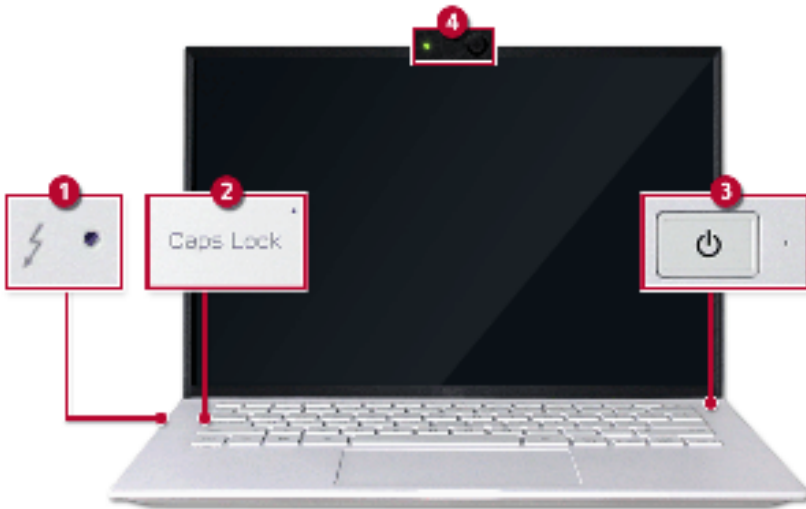
**The battery capacity may change due to chemical reactions during charge and discharge.**

- " LG Notebook frequently checks the charge level of its battery based on usage conditions, and then calculates and correctly indicates the actual remaining level of the battery.
- " The battery is wearable goods and thus the life span may become shorter with use. The battery running time may also become shorter accordingly.
- " When the battery is fully charged, the machine stops recharging. It resumes recharging when the battery charge rate drops below 95 %. This feature secures the safe and efficient use of the battery.
- " When the temperature of the battery drops below 50 °F, it is charged in a low current to protect the battery cells. In this case, charging time may stretch to up to 32 hours.

**If you use the system at a low temperature, refer to the following:**

- " The battery capacity may be reduced depending on the chemical characteristics of the battery and the system may not be turned on after it freezes or it is turned off.
- " If the system freezes or if it is not turned on, connect the AC adapter to the system and charge the battery fully before use.
- " If there is any error in the indication of the battery capacity, charge and discharge the battery two or three times at room temperature to return to the normal operation.

## Operation Status Lamps



### 1 AC Adapter Lamp

- On: The AC adapter is connected.
- Off: The AC adapter is not connected.

**If you try to turn on the system that has entered the Hibernate mode or been turned off after a low-battery alarm, the system will not be turned on but the lamp will blink three times. If this is the case, connect the AC adapter and charge the battery sufficiently before using it.**

### 2 Caps Lock Lamp

- On: When the **Caps Lock** is activated
- Off: When the **Caps Lock** is deactivated

### 3 Power Lamp

- On: The system is on and running by the AC adapter or battery.
- Off: When the system is turned off or in Hibernate mode
- Blinking: The system is in the standby mode.

### 4 Webcam Operation Status Lamp

- On: When the webcam is operating
- Off: When the webcam is not operating

## Keyboard

The keyboard allows the user to input data or give commands.

**The keyboard may differ in appearance and color depending on your country.**





### CAUTION

- " Spilling a watery substance like coffee or juice on the keyboard may cause a fault, malfunction, or electric shock.
- " Some of the keys may not work properly when you use several keys at the same time while playing a PC game.
- " Please change the key combination settings according to the combinations necessary for the game play or use an external keyboard dedicated for gameplay.

### Using Hot Keys

You can use the hot keys shown below to use the PC conveniently.

Fn + F1	Executes <b>LG Control Center</b>
Fn + F2	Decreases LCD brightness, which can have eleven different levels.
Fn + F3	Increases LCD brightness, which can have eleven different levels.
Fn + F4	Switches to the <b>Secure Mode</b> Each time you press the [Fn] + [F4] keys, it switches in the order of <b>Secure Mode On</b> (webcam, microphone unavailable) and <b>Secure Mode Off</b> (webcam, microphone available).
Fn + F5	Every time you press [Fn] + [F5], the mode switches between <b>Touchpad Off</b> (touchpad is disabled) and <b>Touchpad On</b> (touchpad is enabled). To set <b>Touchpad Auto</b> (disables automatic use of touchpad when inserting an external USB mouse), select the Start button [  ] > [Settings] > [Bluetooth & devices] > [Touchpad] and uncheck [Leave touchpad on when a mouse is connected] in [Touchpad]. Every time you press [Fn] + [F5], the mode switches between <b>Touchpad Off</b> and <b>Touchpad Auto</b> .
	 <b>TIP</b> Since it takes about 1 to 2 seconds to initialize after switching to the touchpad function, we recommend you to use the device after initialization is completed.
Fn + F6	Airplane Mode ON/OFF (Wireless LAN and Bluetooth OFF/ON)
Fn + F7	Switches between monitor and projector.

Fn + F8	Switches the <b>Keyboard Backlight</b> Mode.
Fn + F9	Switching to <b>Reader Mode</b> .
Fn + F10	Mute
Fn + F11	Turns down the volume.
Fn + F12	Turns up the volume.
Fn + Prt Sc	Works as the Scroll Lock [Scr Lk] key.
Fn + Delete	Works as the [Insert] key.
Fn + S	Runs the mode defined in Windows <b>Sleep Mode</b> . (Example: Standby Mode, Hibernate Mode)
Fn + Ctrl	Works as the [Pop-up Window] key.
Fn + ◀	Works as the [Home] key.
Fn + ▶	Works as the [End] key.
Fn + ▲	Works as the [Page Up] key.
Fn + ▼	Works as the [Page Down] key.




## Shortcut Keys



### TIP

" To change the input mode temporarily, you can press the [Shift] key together with the letter you want to enter. By doing so, you can enter an uppercase letter when the **Caps Lock** key is not pressed and a lowercase letter when it is pressed.

**To use Windows more conveniently, remember the following Windows key combinations:**

- "  + R  
Displays an input window for program execution.
- "  + Tab  
Displays the running desktop in the preview.
- "  + M  
Minimizes the current window.

## Keyboard Backlight

You can set the **Keyboard Backlight** function to use the product in a dark environment.

**The figures herein are subject to change without prior notice.**

### OPTION


This only applies to the products that have the **Keyboard Backlight** function.

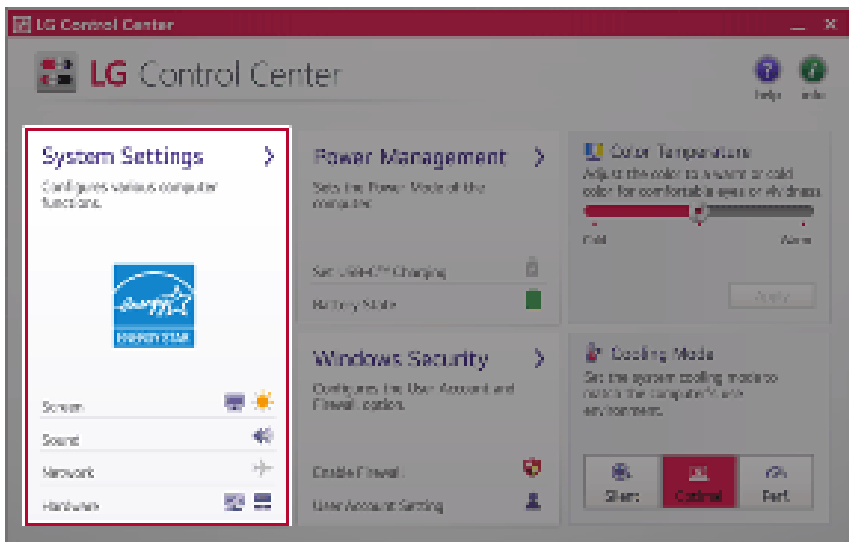
### Configuring **Keyboard Backlight**

### TIP

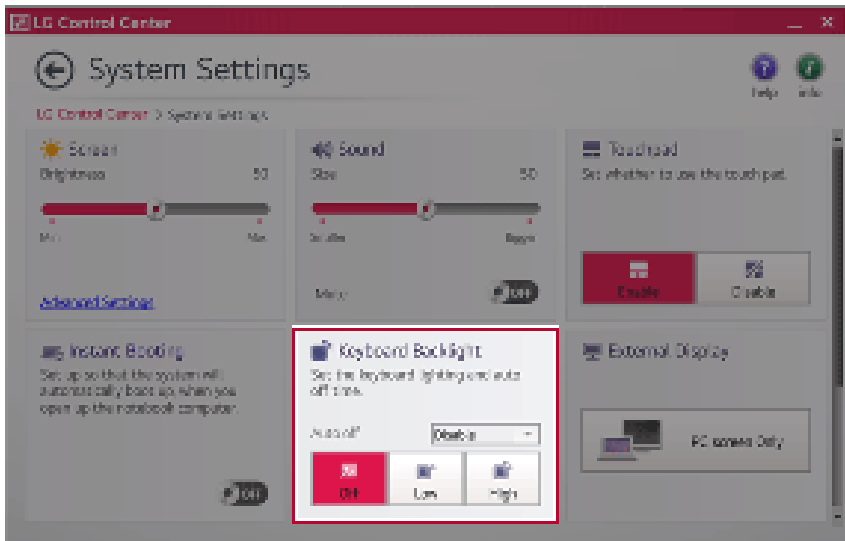
You can use hot keys to use the **Keyboard Backlight** function more conveniently.

" Each time you press the [Fn] + [F8] keys, the status changes to **KBD Backlight Off**, **KBD Backlight Low**, and then **KBD Backlight High** in the specified order.

- 1 Select the Start button [  ] > [All apps] > [LG Software] and run [LG Control Center].
- 2 On the **LG Control Center** screen, select the [System Settings] menu.



- 3 In the **[Keyboard Backlight]** option, set the keyboard lighting and off time.



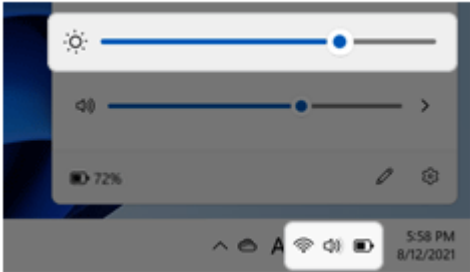
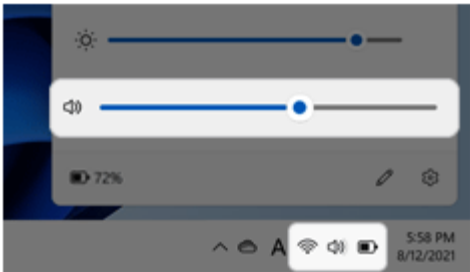

## Adjusting Screen Brightness and Volume

LG PC allows you to use the hot keys to easily adjust the screen brightness and volume.



**TIP**


According to the model type, a button for volume control (mute, volume up / down, DTS, etc.) may be available.

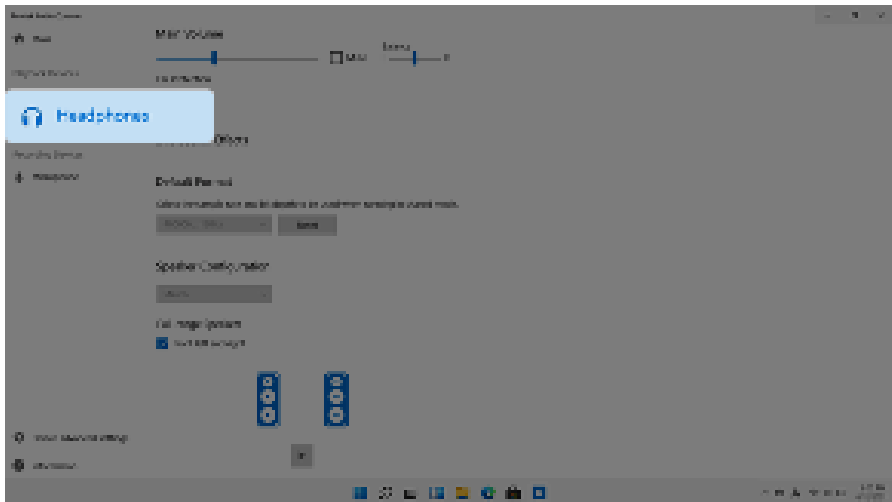
Function	Hot Keys	Description
Screen Brightness	[Fn] + [F2], [F3]	<p>Press the [Fn] + [F2] keys to darken the screen and the [Fn] + [F3] keys to brighten the screen.</p> <p>The screen brightness adjustment bar in <b>[Quick Settings]</b> on the right side of the taskbar allows you to adjust the system brightness.</p> 
Volume	[Fn] + [F11], [F12]	<p>Press the [Fn] + [F11] to lower the volume and [Fn] + [F12] to increase the volume.</p> <p>The volume adjustment bar in <b>[Quick Settings]</b> on the right side of the taskbar allows you to adjust the volume.</p> 
Mute	[Fn] + [F10]	<p>Whenever you press [Fn] + [F10], it operates as mute/unmute.</p> <p>If you select the [  ] icon in <b>[Quick Settings]</b> on the right side of the taskbar, you can enable or disable the mute function.</p>

## Hearing Protection Feature

The product is equipped with a hearing protection feature to protect your ears from pressurized sound while using earphones or headphones.

**The feature is set to off by default and can be manually turned on as follows:**

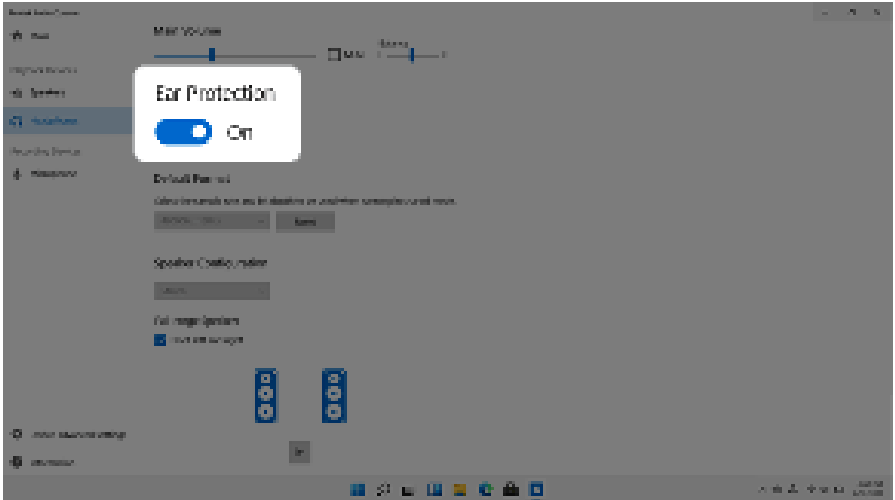
- 1 Select the Start button [  ] > [All apps] > [Realtek Audio Console].
- 2 Connect an earphone or headphone and select the [Headphones] menu.



- 3 Set **[Ear Protection]** to **[On]** to activate the hearing protection feature.

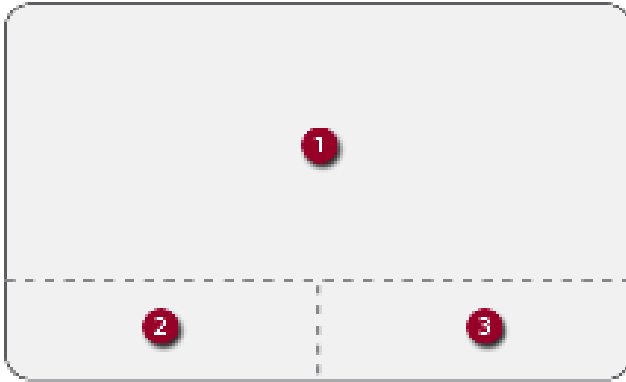


A warning message will be displayed if the volume is high while this feature is on.



## Using the Touchpad

The built-in touchpad provides the same functionality as an external mouse. You can use the touchpad and USB mouse simultaneously.



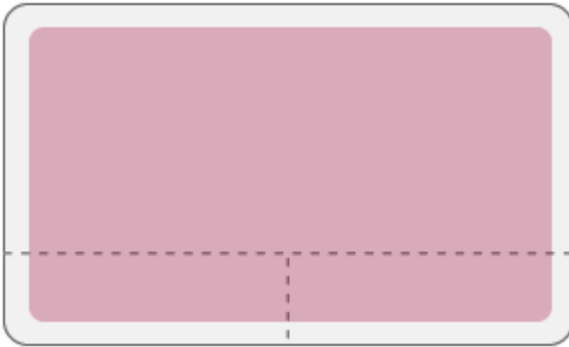
- 1 Touchpad
  - Moves the cursor.
- 2 Left button
  - Use to select or execute programs.
- 3 Right button
  - Functions as the right button of a mouse in most cases. However, the usage may differ depending on programs.

**TIP**

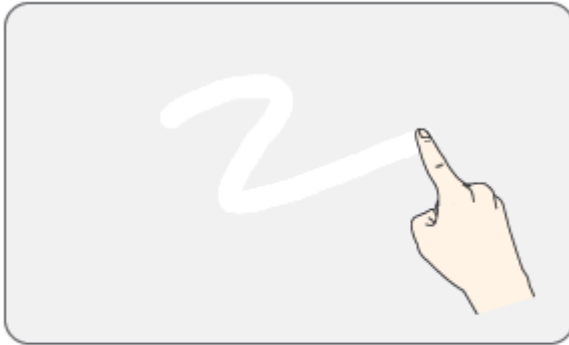
The scroll function is provided as a gesture. Please refer to the Touchpad Gesture section of this document.

**Precautions for Using the Touchpad**

- " If you are using a touchpad, use the area marked with a red line shown below. Touching an edge or border of the touchpad may not work. (The functioning touch area may differ depending on the product.)

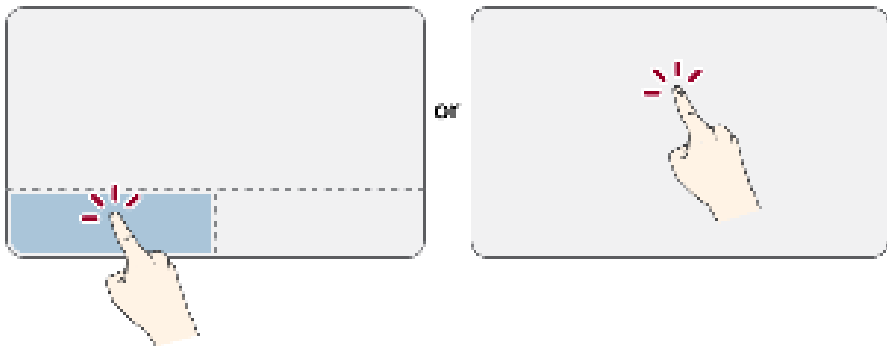
**Moving the Cursor (Pointer) on the Screen**

Place a finger on the touchpad and glide the finger.

**Click (Select)**

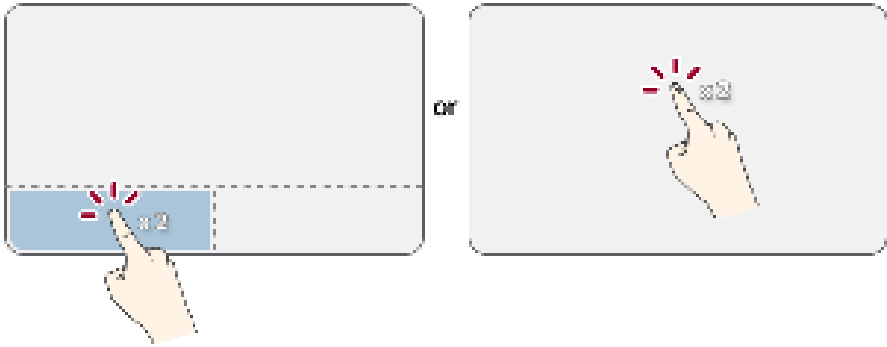
Press and release the left button swiftly with a finger. (Or tap the touchpad once.)

Do this, for example, to select a menu or icon and to place the cursor to type on a word processor file.

**Double-click (Execute)**

Press the left button twice consecutively and release the button. (Or tap the touchpad twice.)

Do this, for example, to run a program after selecting its execution file (or icon).

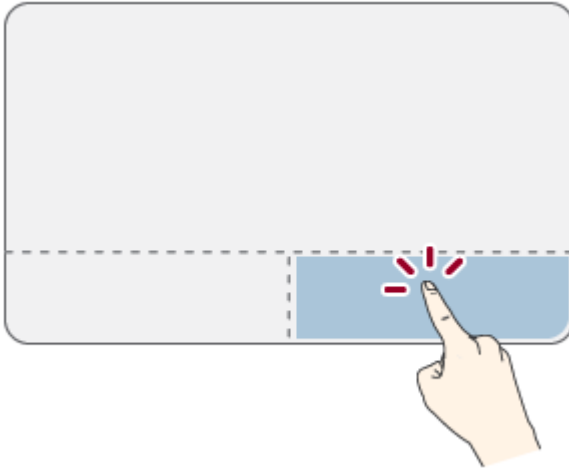
**CAUTION****Notes on Using the Touchpad**

- " Do not use a sharp object such as a pen on the pad nor peel the cover. It may cause an impairment.
- " Do not place more than one finger, and do not use while wearing a glove or when the hand is wet. The Touchpad will not work properly. Oil or dirt at the fingertip can also cause an impairment.
- " The touchpad is sensitive. Do not impose excessive force or maintain an uncomfortable position. Otherwise, it may result in a finger or wrist injury.

**Right button**

Press and release the right button swiftly.

Functions as the right button of a mouse, but the usage may differ depending on programs.

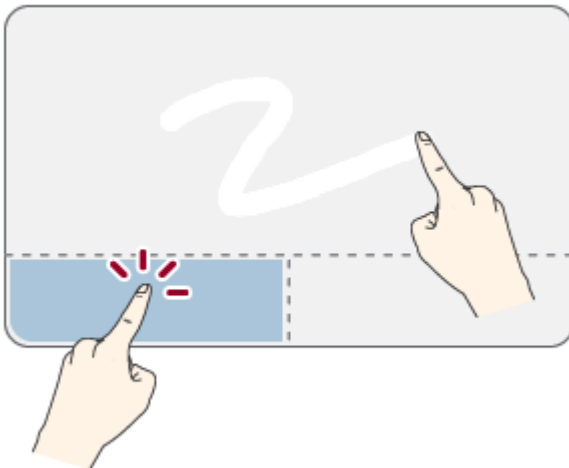


### Drag & Drop

To drag, click and hold an icon, and move it to another location.

To drop, release the dragged icon in the location you want.

To move a file icon to another folder or to **Recycle Bin**, place the cursor (or the pointer) on the icon, press and hold the left button, and glide another finger on the touchpad until the icon reaches the aimed location. After reaching the destination, release the left button.



## 1 Drag

- Glide one finger on the pad with another finger pressing and holding the left button.

## 2 Drop


- Release the left button to drop it into the **Recycle Bin**. (By using this, you can drop a file into the **Recycle Bin** at will.)

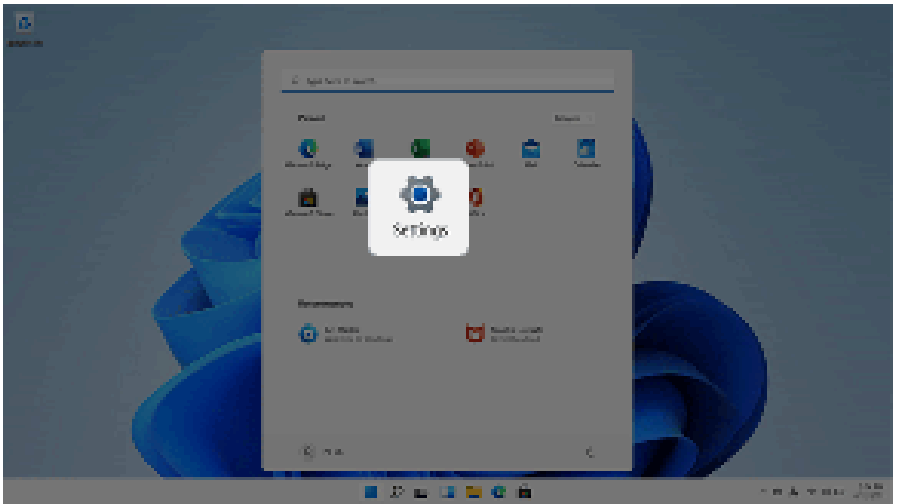
## ClickLock

When activated, this feature allows you to drag/scroll without pressing and holding the left button.

1 Select the Start button [  ] > [Settings].

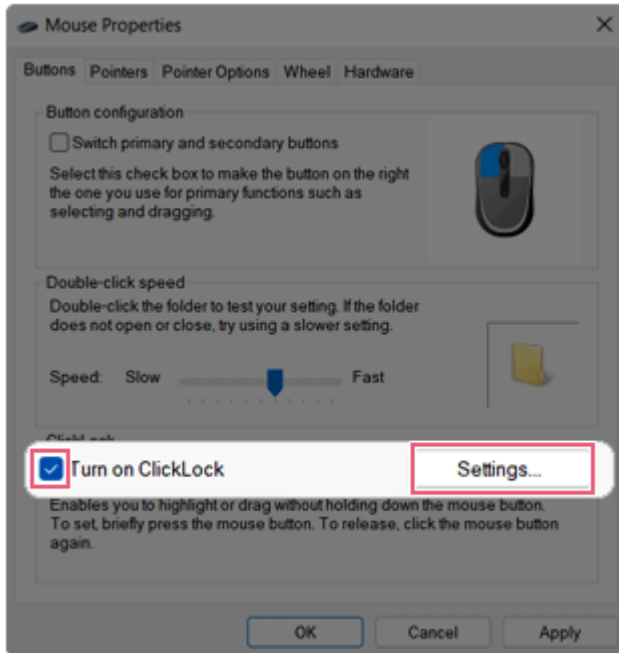
TIP

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.

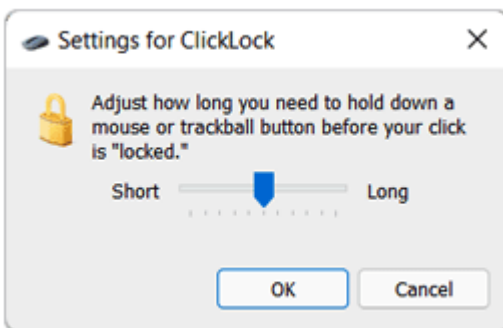


## 2 Select [Bluetooth &amp; devices] &gt; [Mouse] &gt; [Additional mouse settings].

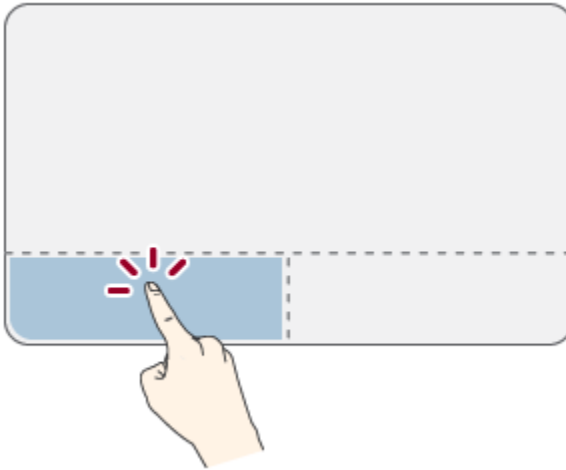
- 3 Check **[Turn on ClickLock]** and select **[Settings]**.



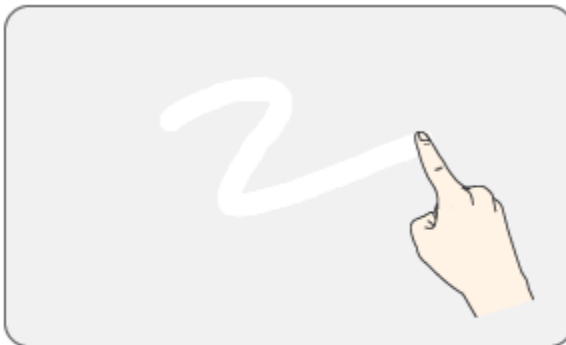
- 4 Set the duration of ClickLock operation.



- 5 Press the left button of the touchpad and release it to change the button into the pressed state.



- 6 Move on the touchpad to use the drag/scroll feature.



- 7 Press the left mouse button to turn off the ClickLock.

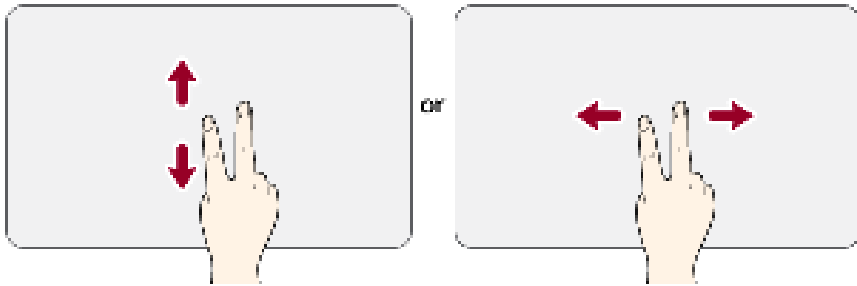
## Touchpad Gesture

The touchpad gesture feature allows you to use Windows programs more easily by utilizing multi-touch functions.

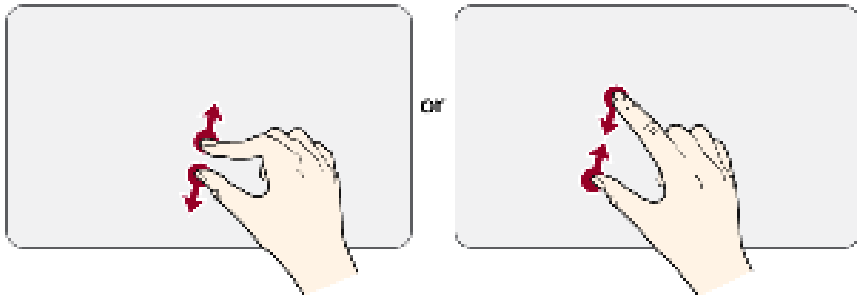
Windows 11 Touchpad Gestures allow you to use the PC more easily.

**The touchpad gesture feature may not be supported in some models.**

- Place two fingers on the touchpad and move up/down/left/right to scroll the screen.  
(It operates only on an app or screen which scrolling is available.)



- Place two fingers on the touchpad and widen or narrow them to zoom out or in.




## Setting Touchpad

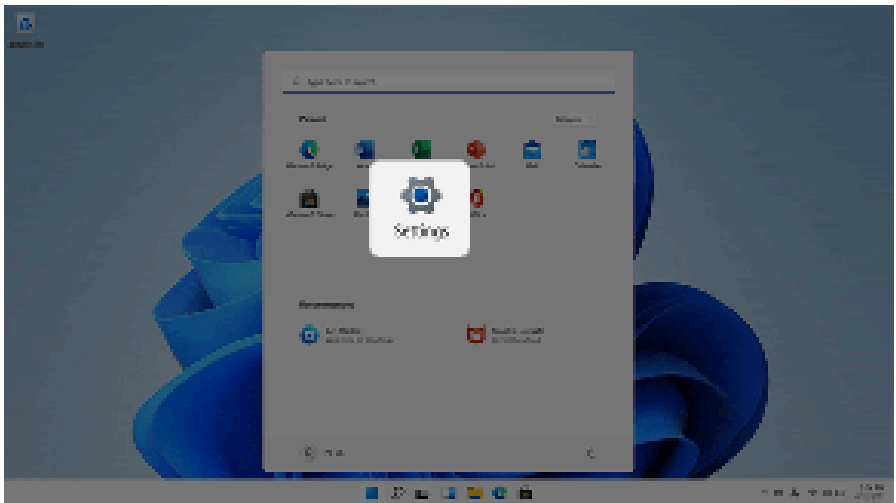
You can change the touchpad features or enable/disable the gesture feature.

The figures herein may differ by language selection and are subject to change without prior notice.

- 1 Select the Start button [  ] > [Settings].

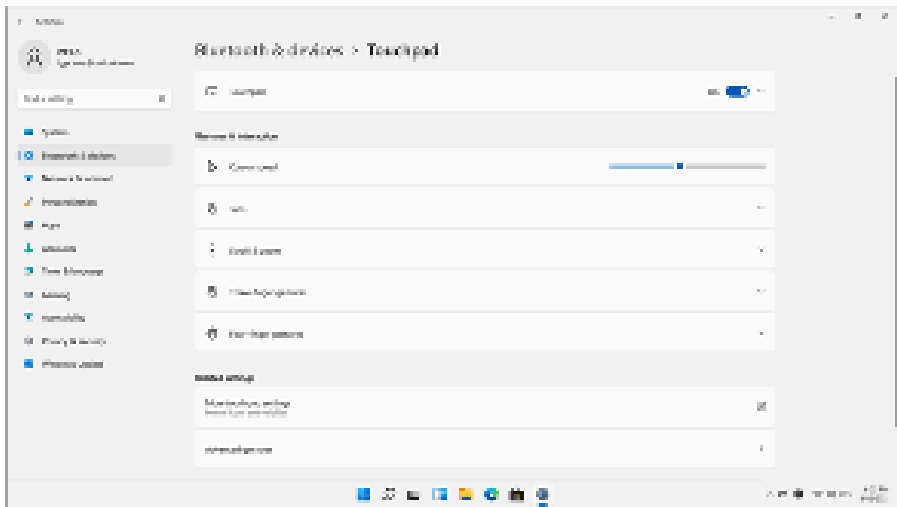


Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select the [Bluetooth & devices] > [Touchpad].

- 3 Change the settings as needed on the [Touchpad] item.



## Connecting to External Display

### Connecting to the HDMI Port

HDMI is a multimedia interface that can integrate and transmit video and audio signals.

**In some models, DTS Audio may not work when you use HDMI.**



**TIP**

Ensure the monitor power is off before connecting the external monitor to the PC.


- 1 Connect the HDMI cable to the PC and the external device (TV, monitor) that supports HDMI.
- 2 HDMI port transfers both video and audio simultaneously. Hence, there is no need for a separate audio connection.



- 3 On the PC, press [Fn] + [F7] to display monitor (projector) toggling screen. Select the desired screen output.



**TIP**

" Everytime [  ] + [P] keys are pressed, the screen output option changes. Release the keys to display the selected screen output.

**CAUTION**

- " If you do not set Speaker as the default value after disconnecting the HDMI cable, the system may not produce any sound.
- " If a program was running already, you must exit and restart the program to produce sound.

## Connecting to Wireless Display

The wireless display feature connects the PC screen and sound to a display (TV, projector, etc.).


### OPTION

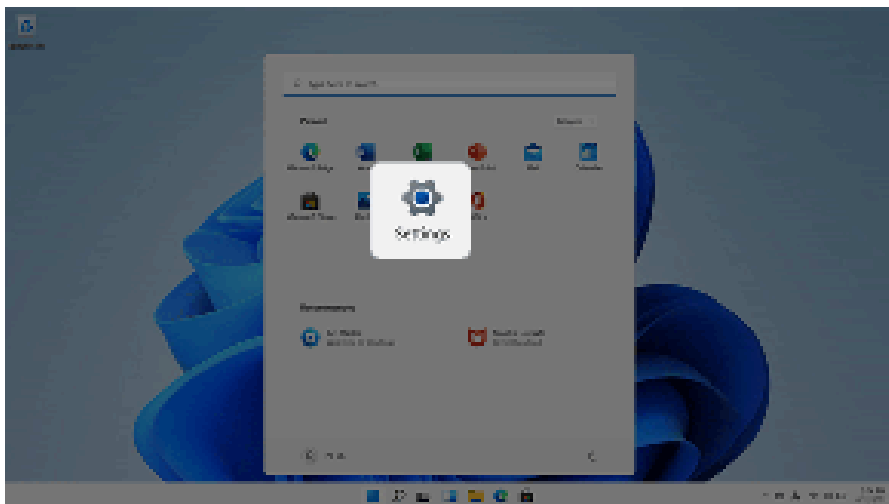
- " To use the wireless display feature, the display device must support this feature.
- " To connect to the display device that does not support wireless display, you must separately purchase a wireless display connection device.
- " Once the wireless display connection is established, no additional procedures and searching are necessary the next time you try to connect.

### Connecting to Wireless Display

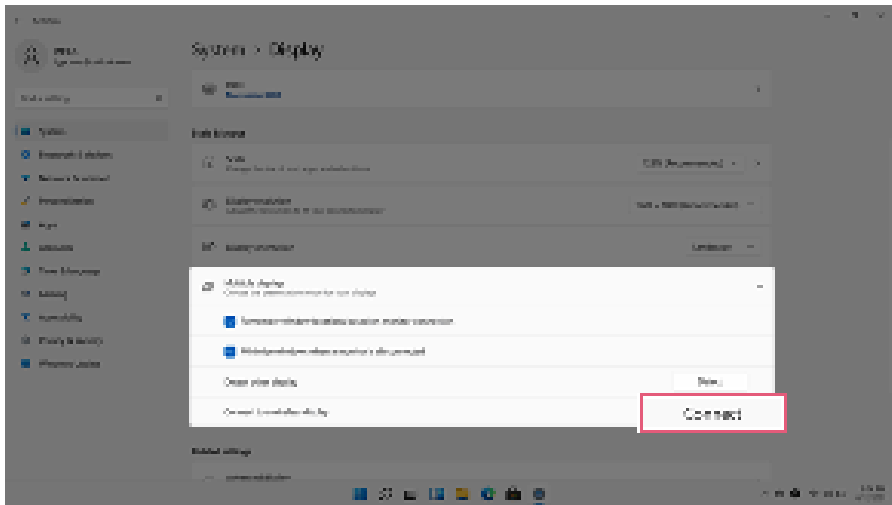
- 1 Select the Start button [  ] > **[Settings]**.

### TIP

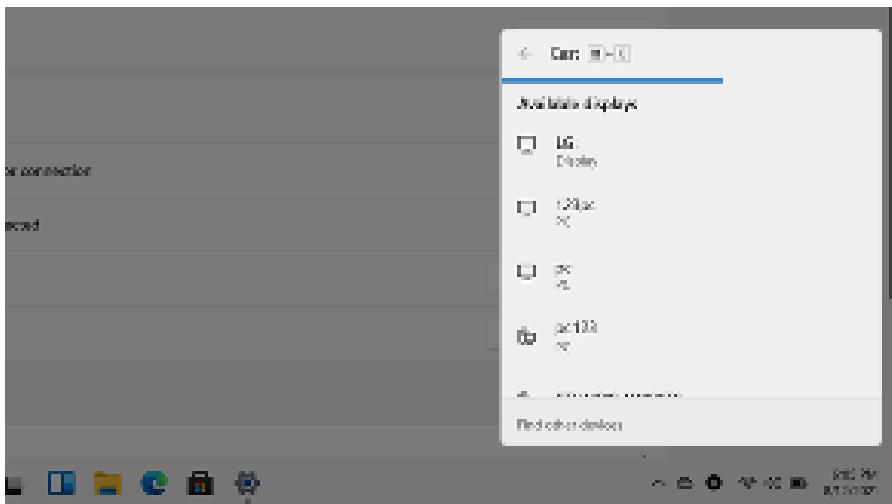
Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [Connect] under the [System] > [Display] > [Multiple displays] > [Connect to wireless display] menu.



- 3 If the device search screen appears, it will search for nearby wireless display devices.



- 4 Select an available device and connect the device.

- 5 Once the wireless display device is connected, it outputs the PC screen and its sound.

## Connecting an External USB-C™ (Thunderbolt™) Device

The USB-C™ port mounted on this product supports USB 4.0 Gen 3x2 standards. Use the USB-C™ port to connect USB devices or to output a screen to an external display.



### TIP

The names of USB versions have changed from USB 3.0 (or USB 3.1 Gen 1) and USB 3.1 (or USB 3.1 Gen 2) to USB 3.2 Gen 1x1 and USB 3.2 Gen 2x1.

### Connecting a USB Device

If a USB device is connected to a USB-C™ port, the port works as an ordinary USB port.



### TIP

To use a conventional USB device, a separate conversion adapter should be used. (Conversion adapters may be purchased separately.)

### Outputting to an External Display

By connecting a display that supports USB-C™ Alternate Mode, you can use the USB-C™ port to output a screen to an external display.



### TIP

The Alternate mode allows you to use the DP (DisplayPort) and HDMI outputs through the USB-C™ port.

We support DP (DisplayPort) interface standards.



### CAUTION

You must use a cable that supports **Alternate Mode** to output a screen to another display.

If you use USB-C™ accessories (cables, interface adapters, etc.) that are used for other products, you may have compatibility problems (no screen output or a malfunction).

### Connecting a Thunderbolt™ Device

You can connect to the USB-C™ port an external display or a high-performance data device that support the Thunderbolt™ specifications.

Depending on the specifications of the device connected to the USB-C™ port, it acts as a USB or Thunderbolt™ device.



TIP

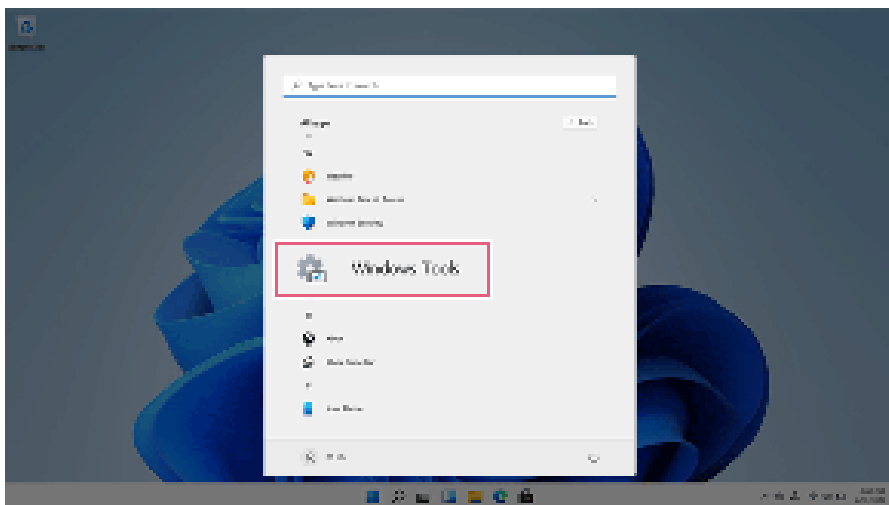
The Thunderbolt™ cable is not provided with the product. Make sure that you use a certified cable.

Some functions may not be available depending on the product. For more information, refer to the user manual provided with the device to be connected.

### Connecting two notebook PCs that support Thunderbolt™

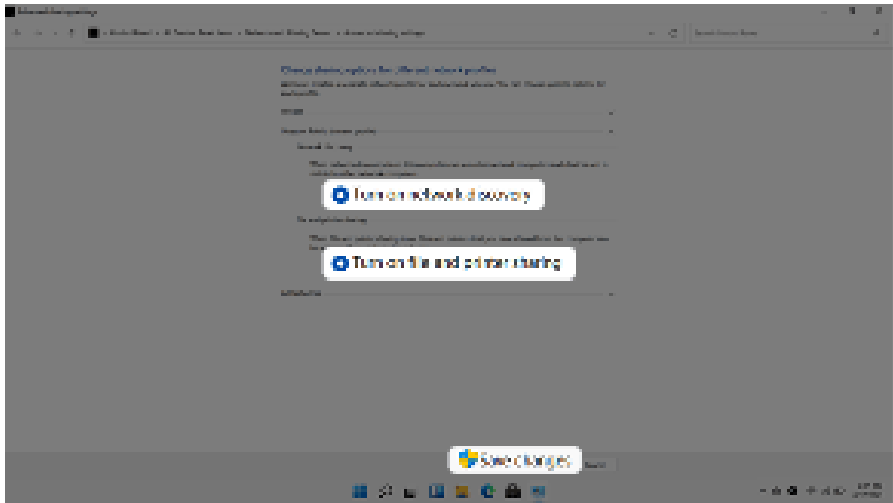
Use Thunderbolt™ to connect two PCs easily and quickly and send and receive data between them.

- 1 Select the Start button [  ] > [All apps] > [Window Tools].

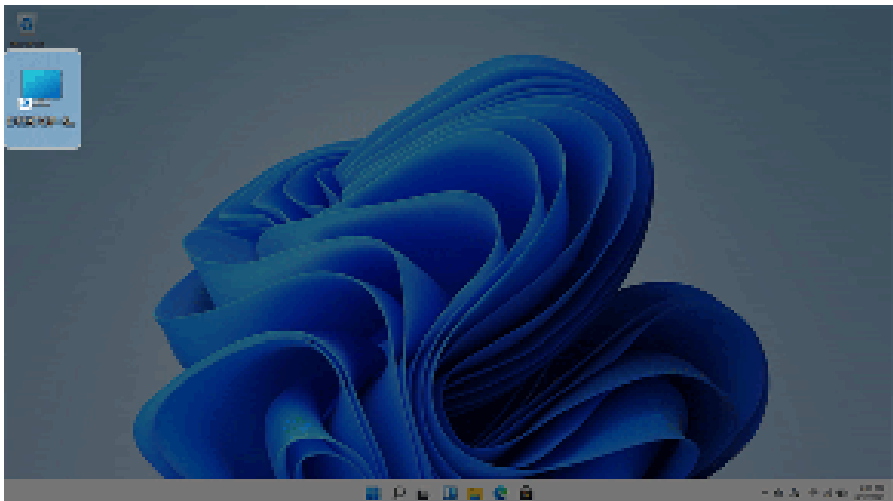


- 2 Select [Control Panel] > [Network and Sharing Center] > [Change advanced sharing settings].

- 3 Enable [Change sharing options for different network profiles] and save the changes.



- 4 Use the Thunderbolt™ cable to connect two notebook PCs.
- 5 A while later, an icon of the connected computer appears on the desktops of the two notebook PCs.



- 6 Double-click the connected computer icon to open the authentication screen.
- 7 Input the user name and password to connect to the other PC.



**TIP**

If there is no shared folder in the connected PC, nothing may appear on the screen.

## Using USB-C™ (Thunderbolt™) Charging Function

You can connect the USB-C™ device to charge a notebook PC battery or an external device, and the operation mode is automatically selected depending the charge settings of the connected device.

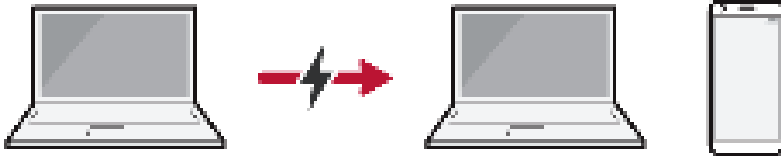
- To charge a notebook PC battery, the external device (USB PD Charger, notebook PC, etc.) should support USB Power Delivery 10 W (5 V / 2 A) or higher profile.
  - The external devices that use the USB-C™ port support 10 W (5 V / 2 A) and 15 W (5 V / 3 A).
  - A USB device compatible with USB PD (Power Delivery) supports charging at 15 W (5 V / 3 A), whereas a regular USB device supports charging at 10 W (5 V / 2 A).
  - USB PD batteries cannot be charged using the USB-C™ port of the notebook PC.
  - Always-On Charging is supported only with USB-C™ ports, but not with the regular USB ports.
  - If you connect an adapter with a lower output than the rated adapter, it may take more time to charge the notebook PC.
- 1 When the connected device is set to Automatic (charging the notebook PC or a connected device). Charging the notebook PC by using the mobile phone is not supported.)



- 2 When the connected device is set to Source (the notebook PC is charged.)



### 3 When the connected device is set to Sink (the connected device is charged.)





#### TIP

The charging status of the external device being charged is not displayed on the notebook PC. If you connected a smartphone, you should select "Charge mobile phone" on the smartphone screen to charge the phone battery.

#### CAUTION

If the power consumption of the notebook PC is larger than the power supply from the external device, the battery may be consumed gradually.

## Bluetooth

Bluetooth allows the user to access wirelessly various devices such as camera, cell phone, headset, printer, and GPS receiver that support Bluetooth . It can also establish a network and exchange data with other Bluetooth -enabled PC or smartphone.

### OPTION


The Bluetooth device is optional, and it may not be available in some models.

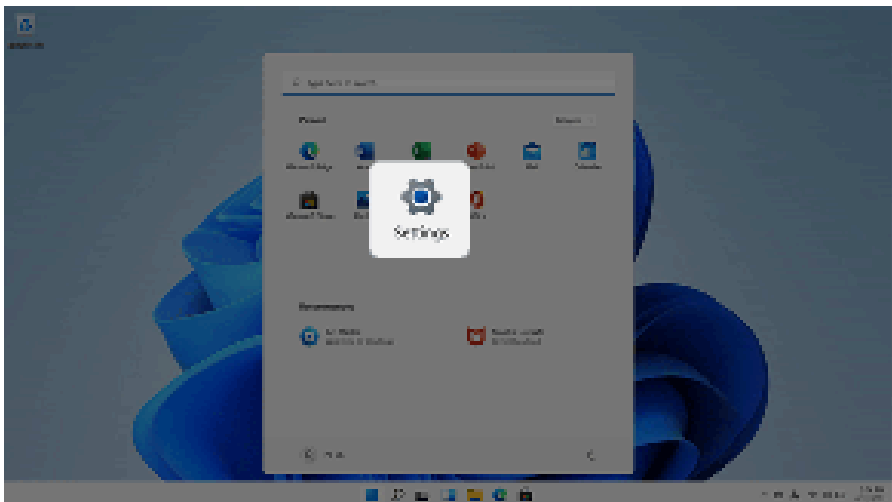
The figures herein may differ by language selection and are subject to change without prior notice.

For details on connecting a Bluetooth device, refer to the user manual provided with the Bluetooth device.

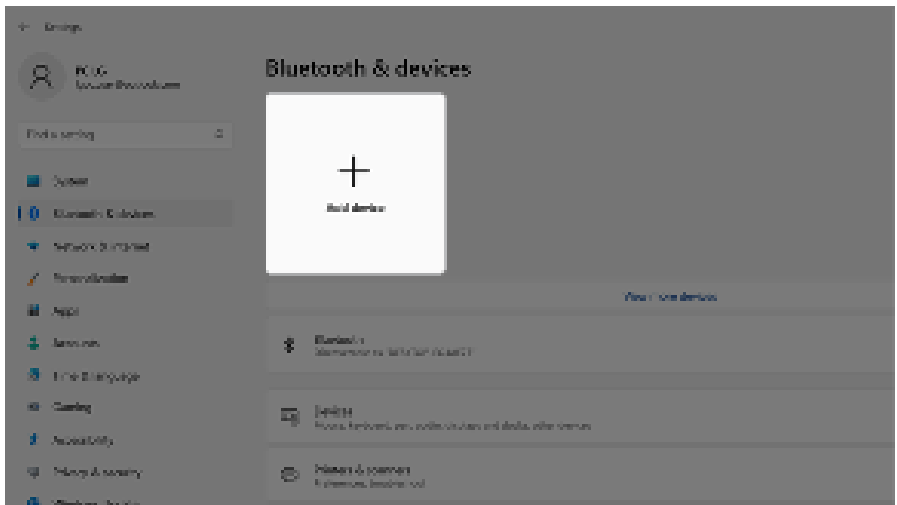
- 1 Select the Start button [  ] > [Settings].

### TIP

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [Bluetooth & devices] > [Add device].



- 3 Select the **Bluetooth** to search for Bluetooth devices automatically.



- 4 After selecting the device you want to connect, complete the Bluetooth connection as guided.

## Wired LAN

LAN is the network environment that users can connect to by using a cable to connect to their internet providers or the company's network.

### Using Wired LAN

LAN is installed with an automatic IP (DHCP) as default value.

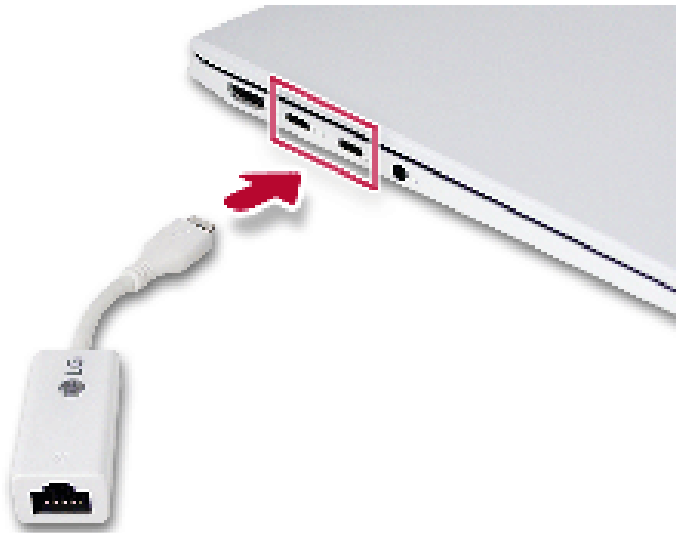
Please refer to the following instructions for details on setting up an automatic IP (DHCP) or manual IP.

- 1 Connect the LAN adapter to the USB-C™ port on the PC.

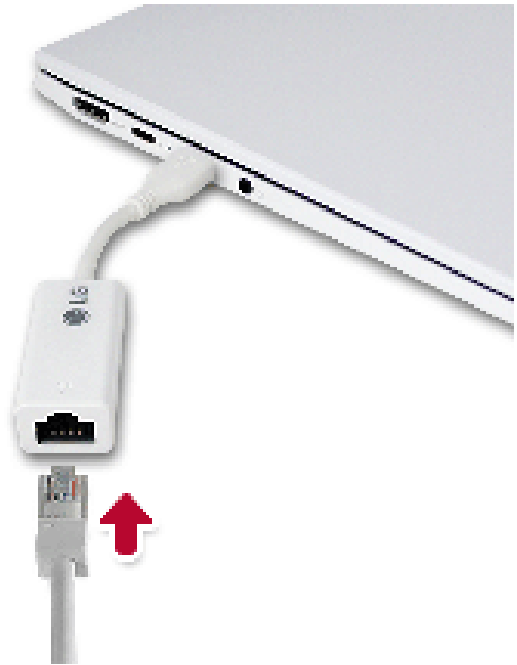
#### TIP


The recommended network cable for the optimal network environment is CAT5 or higher.

The network (LAN) cable may be connected when the LAN adapter is used.




- 2 Connect the wired LAN cable to the LAN port.

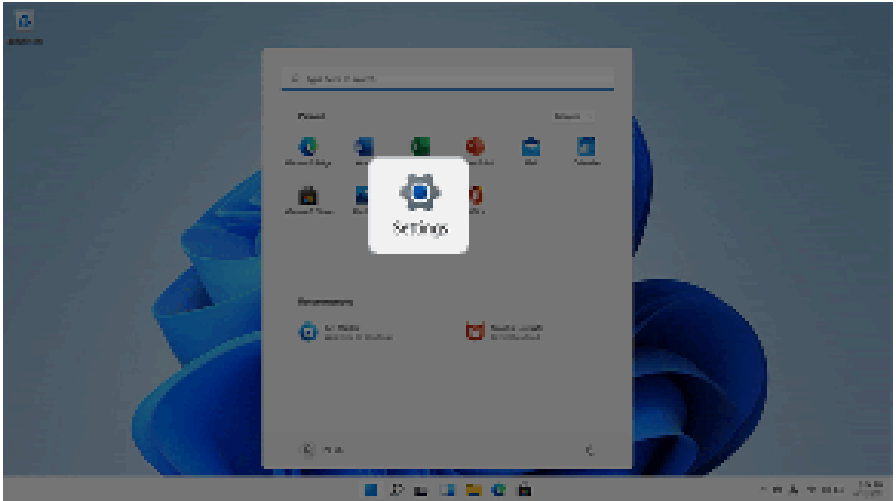


- 3 Select the Start button [  ] > [Settings].

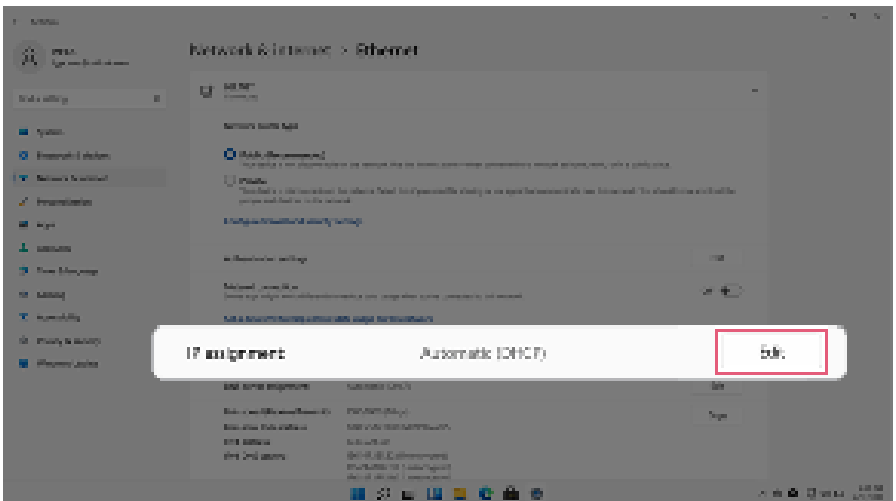


TIP

Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 4 Select [Edit] in [Network & Internet] > [Ethernet] > [IP assignment].



- 5 To use an automatic IP (DHCP), select [Automatic]. If you wish to use a static IP, set [Manual] > [IPv4] to [On] and enter the necessary item.

**Contact the network service provider or administrator to use a static IP.**

**Edit IP settings**

Manual

**IPv4**

On

IP address

Subnet mask

Gateway

Preferred DNS

Preferred DNS encryption

Unencrypted only

Alternate DNS

Save Cancel

- 6 Select [Save] to complete the network setup.
- 7 Click the Web Browser icon to check whether the internet is operating normally.

## Wireless LAN

The wireless network (Wireless LAN) is the network environment that connects a PC with the internet provider or company network through an Access Point (wireless or regular router).

### Turning On/Off Airplane Mode

Prior to using the wireless LAN, press [Fn] + [F6] to turn off **Airplane Mode**.

Pressing [Fn] + [F6] keys will turn on or off the **Airplane Mode**. If you are not going to use the product for a while, keep the **Airplane Mode** turned on to reduce the battery power consumption.

### Using the Wireless LAN

If an Access Point (wired or wireless router) is in the vicinity of the PC, the wireless LAN can easily be accessed.

**When searching for a wireless LAN, multiple Access Points may be discovered depending on the location of use.**

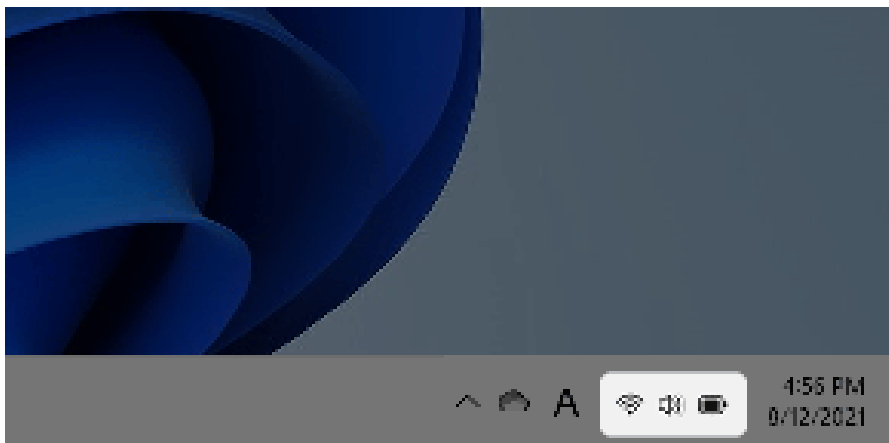
**In case no accessible wireless LAN is near the PC, no Access Point might be found.**

**A password-protected Access Point cannot be accessed without the correct password.**

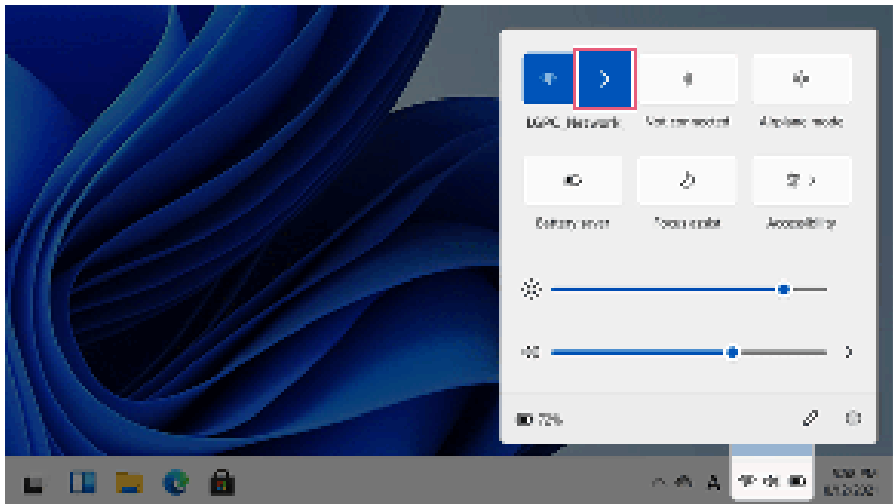
- 1 Select **[Quick Settings]** on the right side of the taskbar.

**TIP**

The displayed icons may differ from the figures herein.

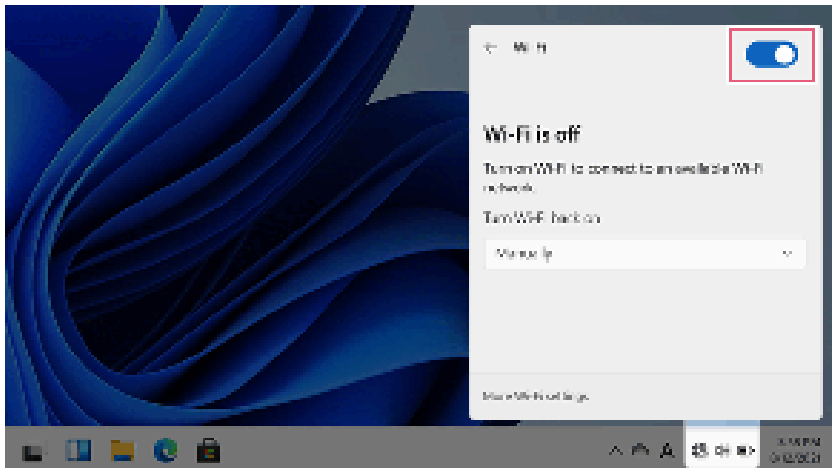


- 2 Select **Manage Wi-Fi Connections** [ > ] to search for near Access Point.

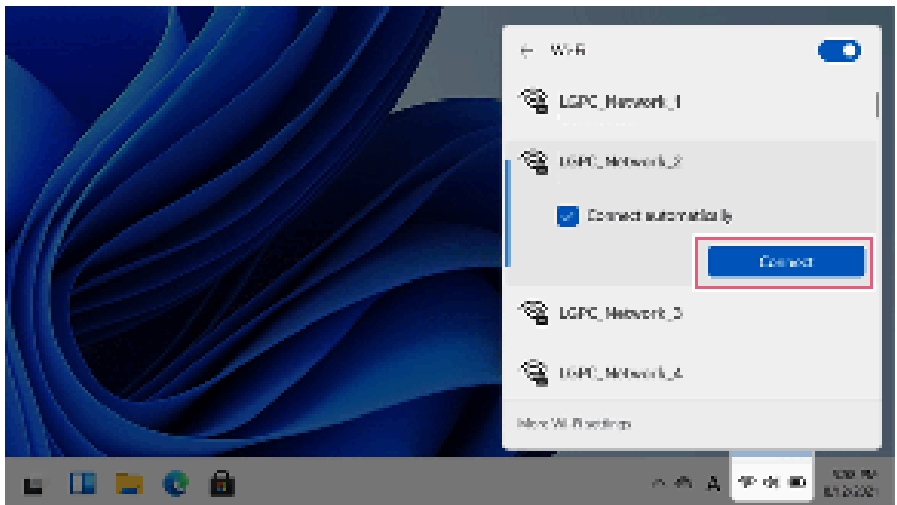


TIP

When **Wi-Fi** is turned off, set [Wi-Fi] to On.



- 3 Select the Access Point you want to connect to and press [Connect].



- 4 If a connection is established, [Connected] appears below the Access Point name.
- 5 Click the Web Browser icon to check whether the internet is operating normally.

## Using a Wired/Wireless Router

A wireless / regular router connects several PCs and mobile devices to one internet line and enables the use of internet and the network.

**A wireless / regular router has to be bought separately. Refer to the manual provided by the manufacturer for instructions.**

### Connecting a Wireless or Regular Router

If one internet line is used with a wired / wireless router and several devices are connected, this may result in a slower connection.

In case of a wireless LAN, it is recommended to change the network name and security settings for a more secure connection.

**Network speed can differ according to operation environment and specifications.**

- 1 Connect the internet cable of the modem that was provided by your internet provider to the router's WAN port.
- 2 Connect all devices (PC, IPTV, internet phone, etc.) with a LAN cable to LAN ports 1 to 4 of the router.  
**The number of LAN ports can vary for each router model.**
- 3 Please refer to the manual provided by the router manufacturer for setup of the network and internet.

## UFS/Micro SD Slot

### Checking Available Memory Card

This model supports UFS and Micro SD memory cards.

- Directly applicable memory cards



UFS

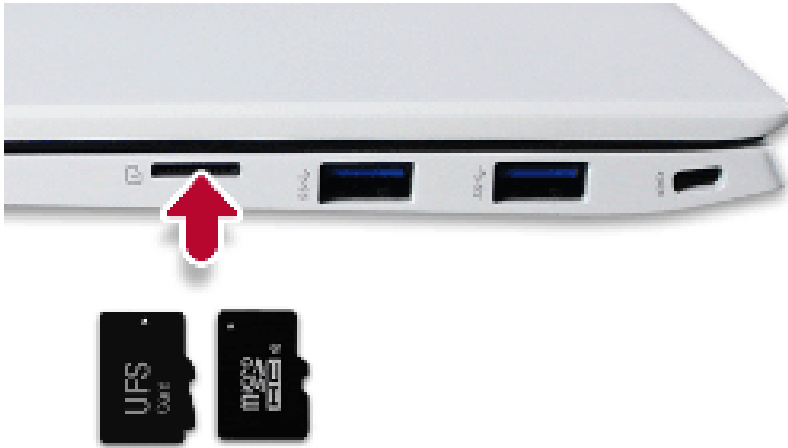


micro SD

### Mounting and Using Memory Card

This product supports one **UFS/Micro SD** slot.

Make sure that the insertion direction of the memory card is correct and push it in until the **UFS** or **Micro SD** memory card is fully seated.

**TIP**

- " When the memory card is formatted, the data stored in the memory card will be deleted. Check whether there are important data before formatting the memory stick.
- " To format a memory card, right-click the memory card drive and select Format. When the Format window appears, press Start to continue.
- " If the write protection tab of memory card is locked, the user cannot format the memory stick nor write or delete the data.
- " **UFS** and **Micro SD** memory cards can be used only as data storage devices and do not support the copyright protection feature.

**Removing Memory Card**

Push the card with your finger to make the card spring out of the slot. Remove the memory card.

# Using Software

## LG Control Center

**LG Control Center** allows you to easily change the settings of your PC according to your needs.




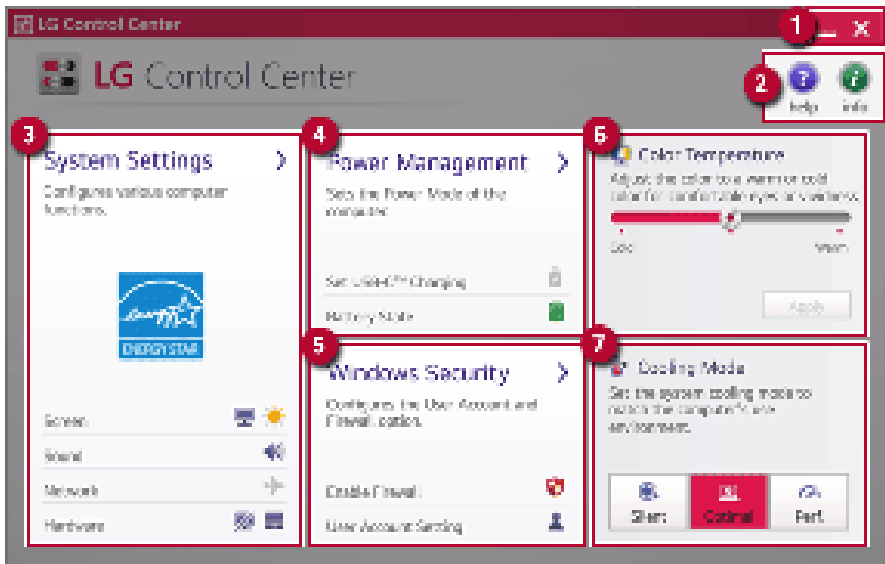
The menus displayed in **LG Control Center** and its supported functions may differ depending on the model.

Please update the program to the latest version through **LG Update Center**.

The figures herein are subject to change without prior notice.

### Running LG Control Center

Select the Start button [  ] > [All apps] > [LG Software] and run [LG Control Center].



**1 Minimize/Exit Button:** Minimizes the size of the window, or exits the software.

**2 help/info Button:** Runs Help or displays information about the software.

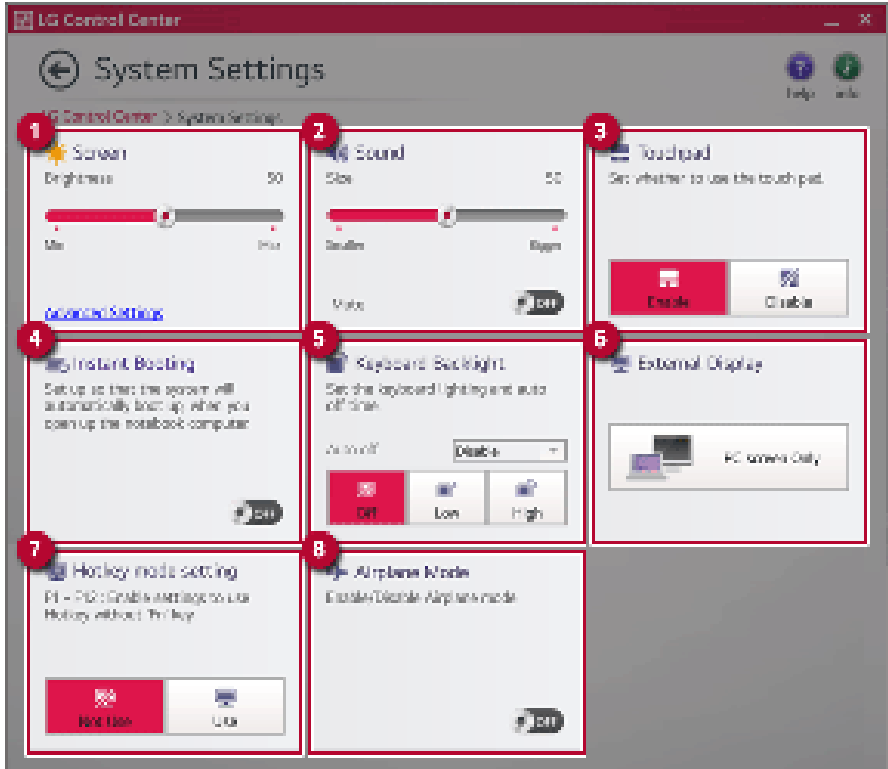
- 3 **System Settings:** Sets the device settings such as the screen brightness, sound, and external display.
- 4 **Power Management:** Sets the USB-C™ charging function, battery status and battery life extension function.
- 5 **Windows Security:** Sets User Account Control settings and Firewall settings.
- 6 **Color Temperature:** The screen color can be set to cold(with a bluish tint) or warm(with a reddish tint).
- 7 **Cooling Mode:** You can set the cooling mode to any of the **Silent**, **Optimal**, and **Performance** modes according to the computer usage environment.
  - **Silent:** This mode minimizes the use of the fan when used in a quiet environment. CPU performance may reduce, and it changes to **Optimal Mode** on reboot.
  - **Optimal:** This mode optimizes Performance, heating, and noise of the system.
  - **Performance:** This mode is suitable for CPU-intensive works. The mode may cause heating or fan noise and may shorten the battery usage time. It changes to **Optimal Mode** upon reboot.

**CAUTION**

When using for a long term, use **Optimal Mode**.

**System Settings Screen**

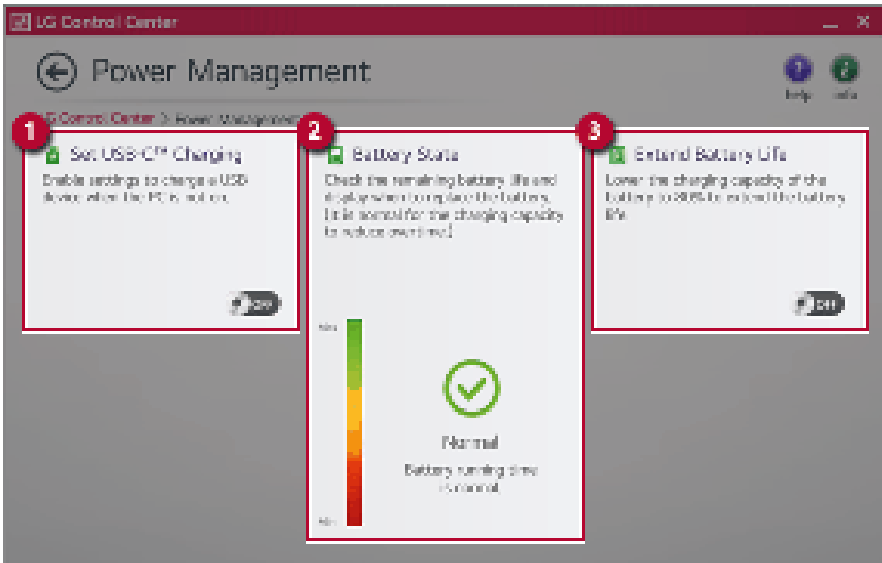
You can use this screen to configure various devices in your PC.



- 1 **Screen:** Allows you to adjust the system brightness. (This function is not supported in a model that does not provide the brightness settings in Windows.)
- 2 **Sound:** Allows you to adjust the volume of the sound or use the mute function.
- 3 **Touchpad:** Allows you to set whether to use the touchpad.
- 4 **Instant Booting:** You can set the system to automatically boot whenever you open the notebook PC.
- 5 **Keyboard Backlight:** You can set the Keyboard Lighting and off time.
- 6 **External Display:** Allows you to configure the connection mode of an external display connected to the PC.
- 7 **Hotkey mode setting:** Allows you to set the hot keys(F1~F12) so that you can use them without pressing the Fn key.
- 8 **Airplane Mode:** Allows you to set the Airplane Mode. (It turns off the wireless LAN.)

## Power Management Screen

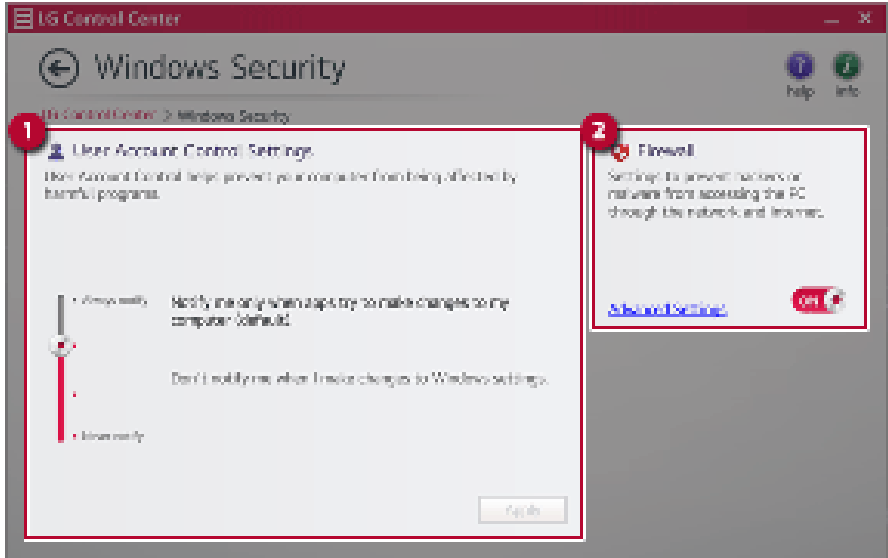
You can check or change the settings related to PC USB-C™ port or battery.



- 1 **Set USB-C™ Charging:** Allows you to set the USB port so that you can perform charging using the USB-C™ port even when the PC is turned off.
- 2 **Battery State:** Allows you to measure the battery lifespan so that you can replace it timely.
- 3 **Extend Battery Life:** Allows you to increase the battery lifespan by lowering the battery charging level to 80 % of the battery capacity.

## Windows Security Screen

You can change the User Account Control and firewall settings in Windows.



- 1 **User Account Control Settings:** Allows you to change the User Account Control settings in Windows.
- 2 **Firewall:** Turns on/off the Windows firewall. (It may not work if other vaccine software is installed in the PC.)

## FAQ

**Q: Battery status displays “Warning”.**

- The battery is a consumable item and its lifespan may decrease depending on the usage frequency and environment. It is recommended that you visit the LG Electronics service center to have the battery replaced.

## LG Update Center

**LG Update Center** allows you to install various PC drivers, applications easily.

### TIP


It may not work properly depending on user preferences (security tools, etc.) and the network status.

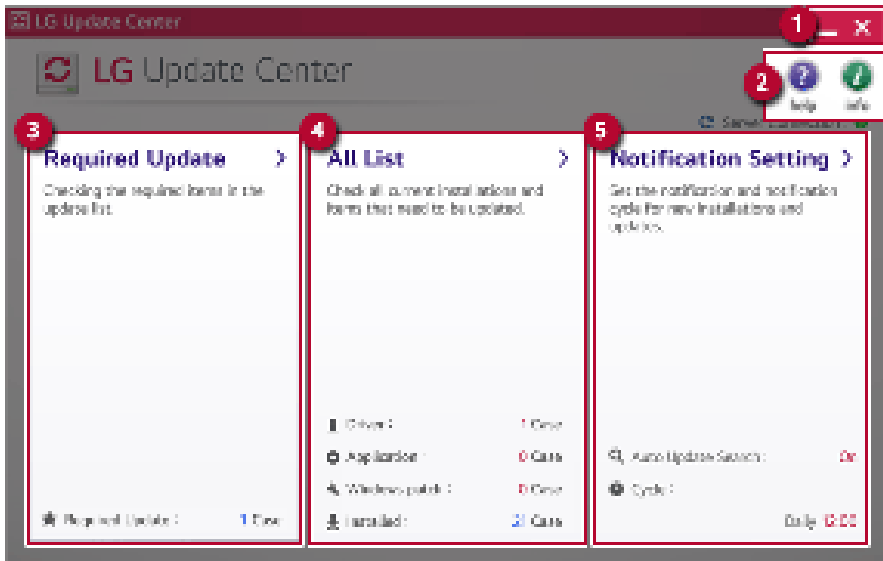
You can use the **LG Update Center** to quickly install the latest drivers, or reinstall any deleted drivers.

Use **LG Update Center** to keep your system current and optimized.

The figures herein are subject to change without prior notice.

### Running LG Update Center

Select the Start button [  ] > [All apps] > [LG Software] and run [LG Update Center].



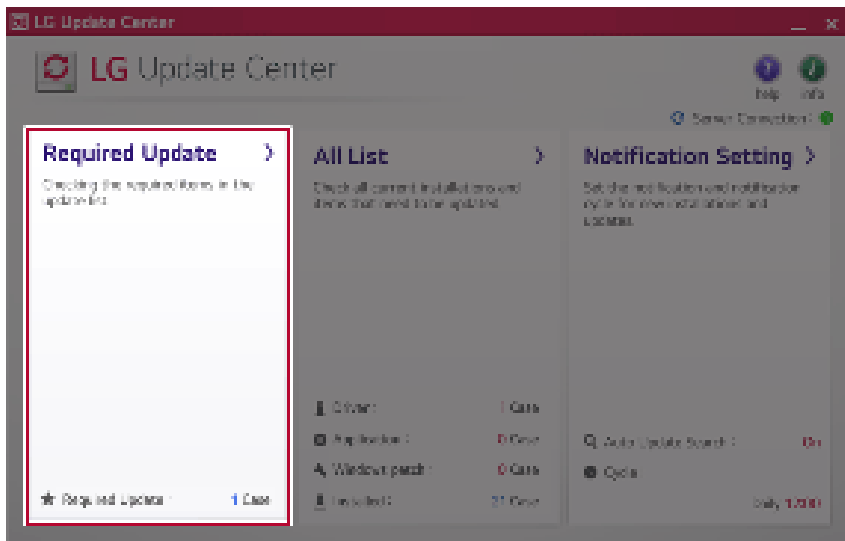
- 1 **Minimize/Exit Button:** Minimizes the size of the window, or exits the software.
- 2 **help/info Button:** Runs Help or displays information about the software.
- 3 **Required Update:** Installs critical items that must be applied to the system.

- 4 **All List:** Displays and installs all required items for the system.
- 5 **Notification Setting:** Sets up notifications for online updates for installed items.

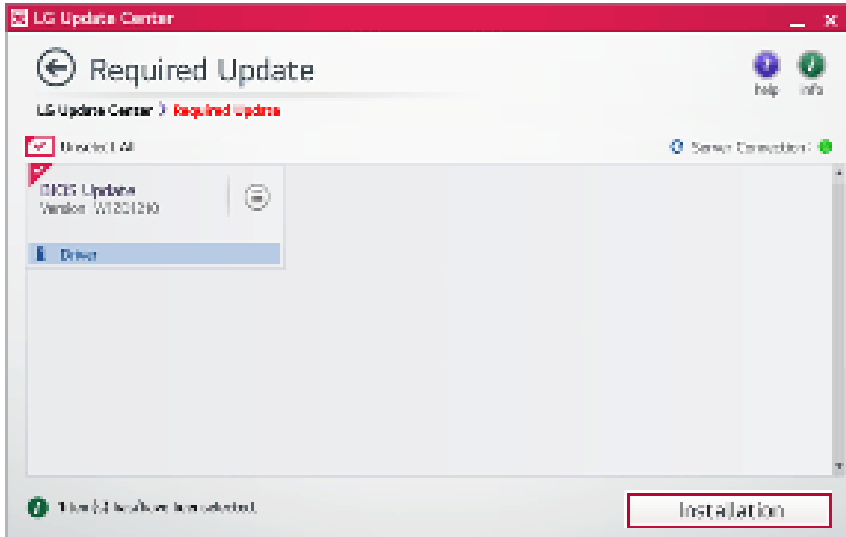
## Required Update

You can install essential updates and drivers that are necessary for the system.

- 1 Select the [Required Update] menu.



- When the **Required Update** list appears, select the updates to install and press the [Installation] button.

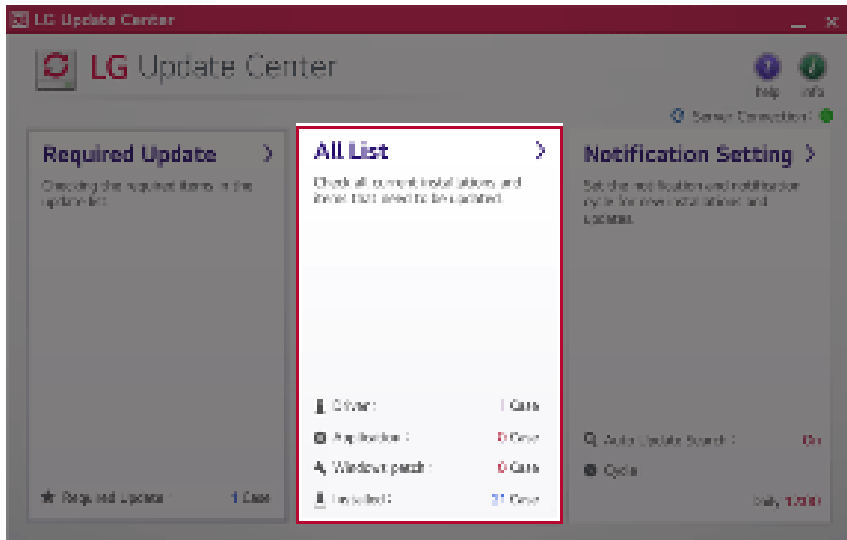
**TIP**

All items are selected by default.

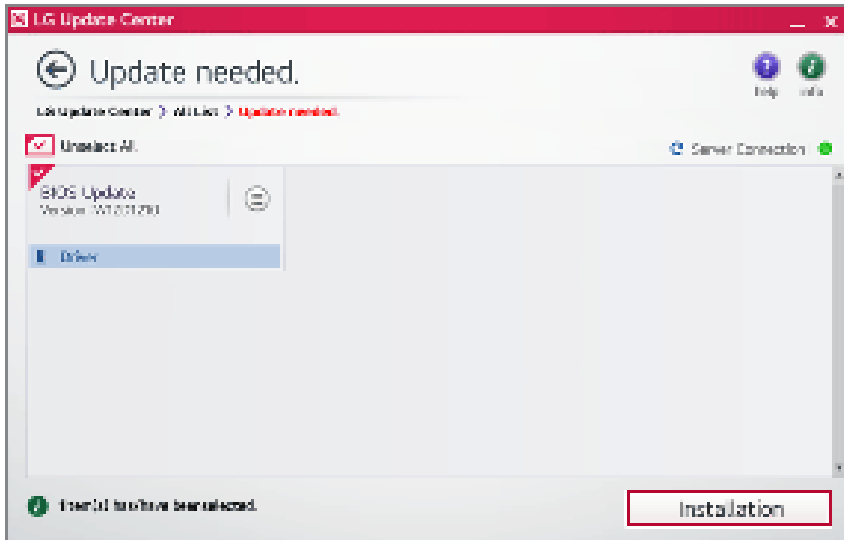
**All List**

You can install all updates and drivers that can be installed in the system.

- 1 Select the [All List] > [Update needed] menu item.



- 2 Select the updates to install and press the [Installation] button.



**TIP**

All items are selected by default.

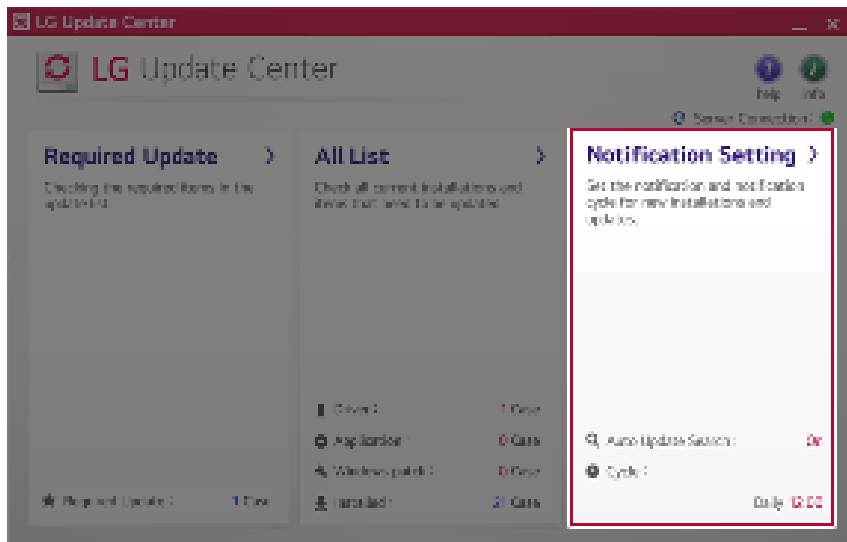
### Notification Setting

You can check the critical updates to set whether to display the notifications for update installation.

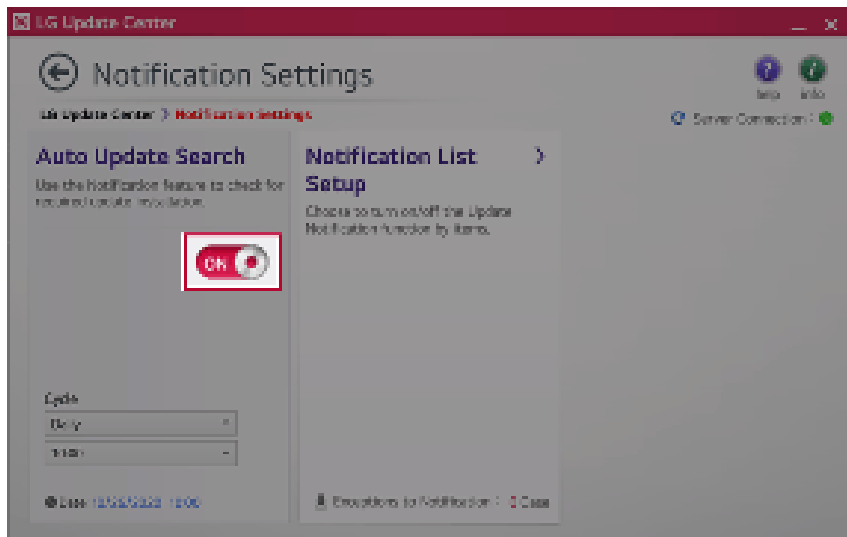
**TIP**

The Auto Update Search function is set to [ON] by default. If you set it to [OFF], the notifications are not displayed.

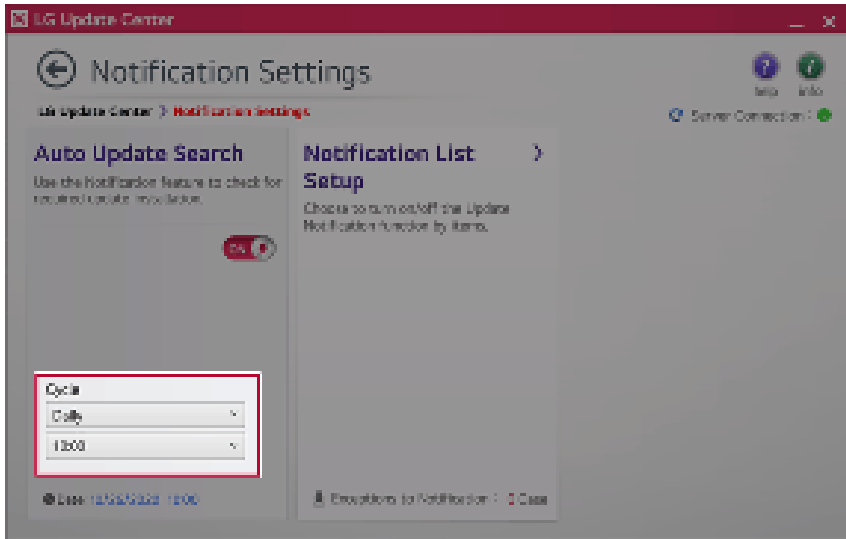
- 1 Select the [Notification Setting] menu.



- 2 Set [Auto Update Search] to [ON] or [OFF].



### 3 Set the [Cycle].



### 4 Select [Notification List Setup] menu to turn on/off the notification for each item.

## FAQ

### Q: Is there a way that I can install the drivers and applications easily?

- You can select [Required Update] or [All List] menu in **LG Update Center** to automatically install the drivers and applications that you want.

### Q: The server connection status is not displayed in the program.

- Check if your PC is properly connected to the wired or wireless LAN.
- Check if Internet connection works properly.

### Q: I want to hide the update notifications.

- Select the [Notification Setting] menu and set the [Auto Update Search] to [OFF].
- Select [Notification List Setup] menu to turn on/off the notification for each item.

### Q: How can I update the items that are excluded from the notification list?

- You can also install the items that are excluded from the notification list by using the [Required Update] or [All List] menu.

## LG Reader Mode

**LG Reader Mode** prevents the users from eyestrain and helps them to read the PC screen comfortably by displaying the screen just like a printed paper.

### Using LG Reader Mode



#### CAUTION

Using the **Reader Mode** and the **Night light** at the same time can cause color distortion. When you use the **Reader Mode**, turn off the **Night light**.

" You can select the Start button [  ] > [Settings] > [System] > [Display] and turn [Night light] on or off.

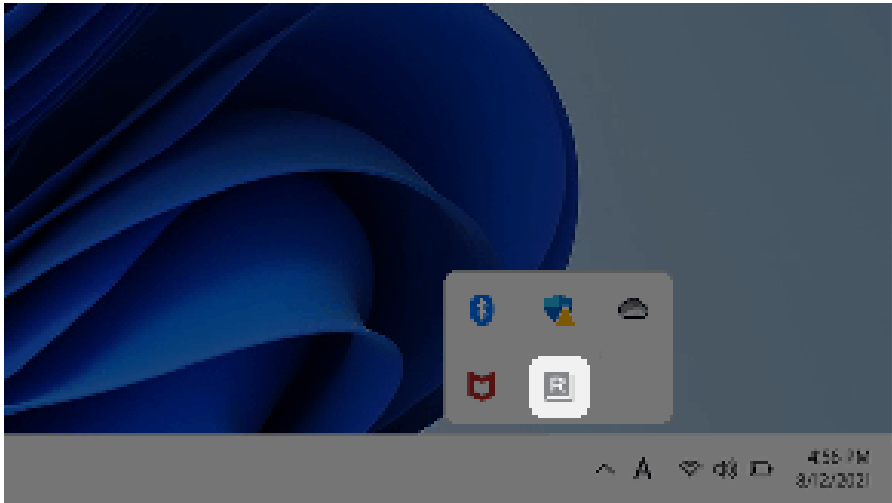


#### TIP

You can use hot keys to use the **Reader Mode** function more conveniently.

" Press the [Fn] + [F9] keys to switch the PC screen to **reader mode**. Press them again to turn off **reader mode**.

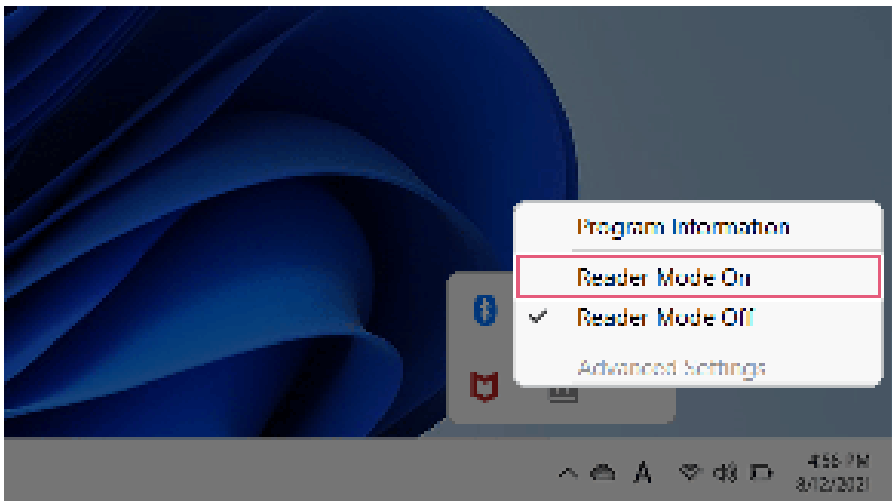
- 1 Press the [R] icon on the taskbar.



- 2 If you select the [Reader Mode On] menu item, the PC screen switches to Reader Mode.

**TIP**

Select [Reader Mode Off] to turn off the reader mode.

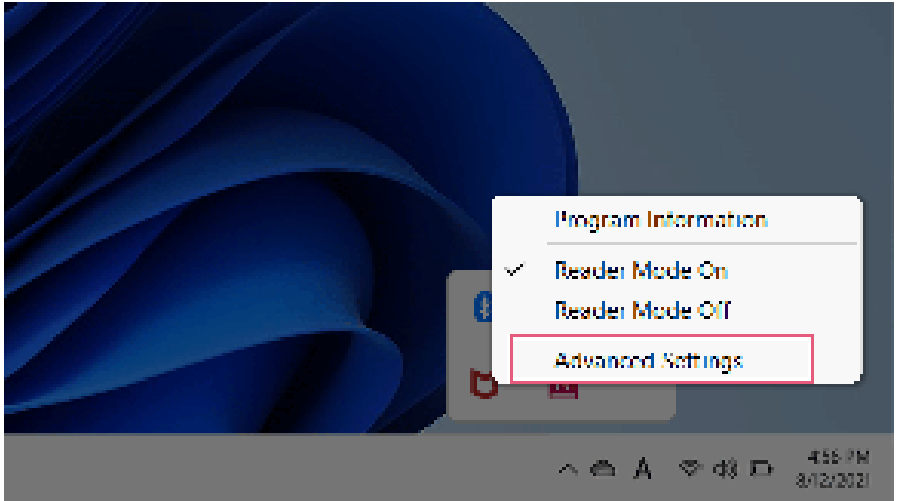


Using **Advanced Settings**

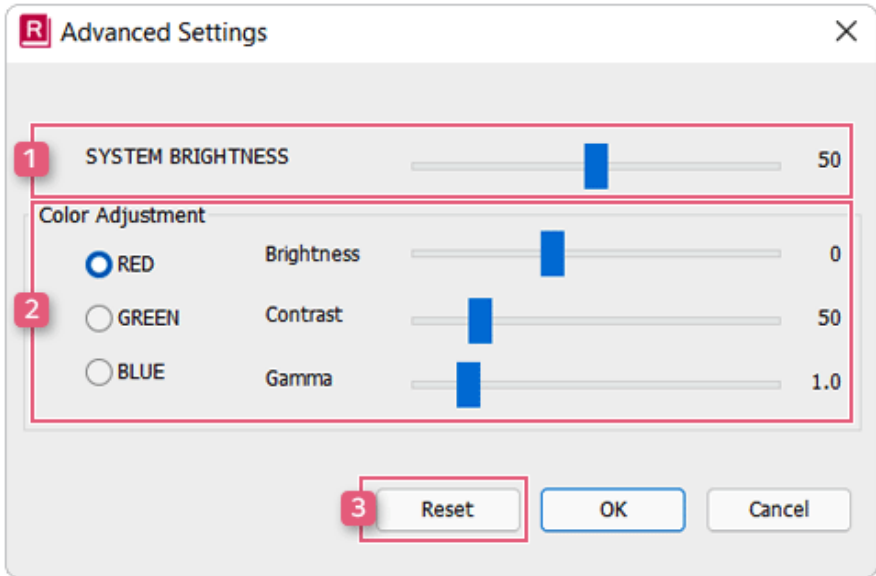
- 1 Click the icon [ **R** ] on the right of the taskbar and select the [**Advanced Settings**] menu item.

**TIP**

The [**Advanced Settings**] menu is activated when **Reader Mode** is on.



- 2 The [**Advanced Settings**] windows appears.



- System Brightness:** System brightness can be adjusted.
- Color Adjustment:** Color and its **brightness, contrast and gamma** can be adjusted.
- Reset:** Settings are reset to the default settings.


## DTS:X Ultra

**DTS:X Ultra** provides rich, sonorous sound when you listen to music, watch videos or play games in the PC.

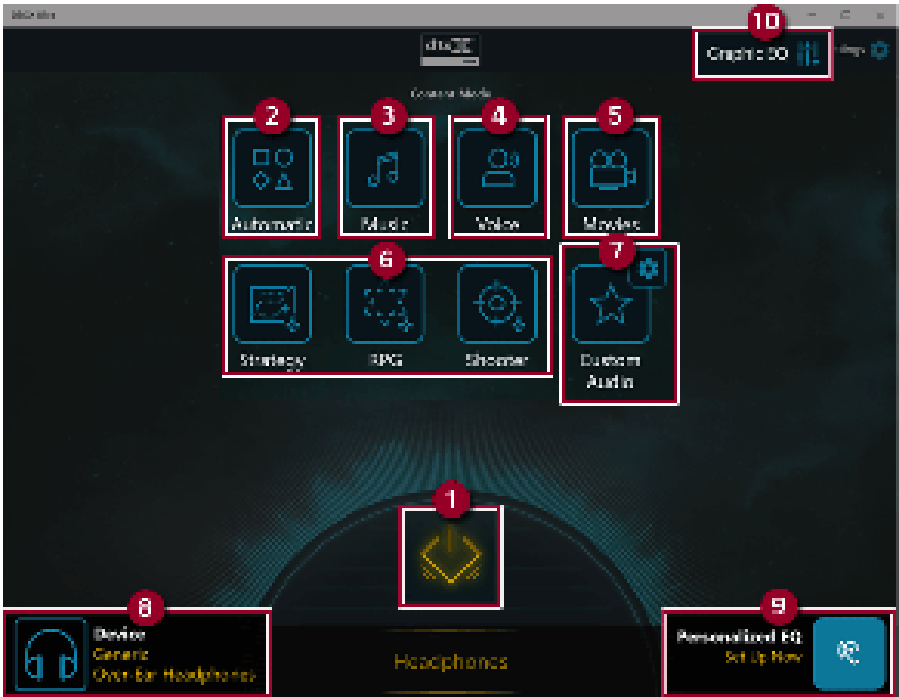
**DTS:X Ultra** may not be applied depending on the model.

The figures herein are subject to change without prior notice.

### Running DTS:X Ultra

- 1 Select the Start button [  ] > [All apps] and run [DTS:X Ultra].
- 2 The default is **Internal Speakers** Mode, and it works in **Headphones** Mode when the earphone is connected.

### DTS:X Ultra Tour



- 1 **Power:** DTS:X Ultra Turns the power on/off.

- 2 **Automatic:** Provides an environment that is automatically optimized for the running application.
- 3 **Music:** Provides an optimized environment for music playback.
- 4 **Voice:** Provides an optimized environment for voice playback.
- 5 **Movies:** Provides an optimized environment for movie playback.
- 6 **Strategy, RPG and Shooter:** Provides an optimized environment for each game.
- 7 **Custom Audio:** Selects the spatial model and adjusts the expansion power, and it is optimized for each setting.
- 8 **Device:** Allows you to select the connected earphone/headphone. (Provides headphone mode only)
- 9 **Personalized EQ:** Sets an equalizer optimized for your personal hearing. (Provides headphone mode only)
- 10 **Graphic EQ:** Sets the equalizer.

**TIP**

If you want to remove Audio Driver or DTS:X Ultra , remove [DTS:X Ultra] and [Realtek(R) Audio Driver] in the order specified and restart the system.

If you want to reinstall Audio Driver or DTS:X Ultra, remove [DTS:X Ultra] and [Realtek(R) Audio Driver] in the order specified and install [Realtek(R) Audio Driver]. Then restart and install [DTS:X Ultra].

" If you do not remove or install them in the order specified, an error may occur.

## Virtoo by LG

**Virtoo by LG** is software that allows you to connect your smartphone and PC to check your phone's notifications, make phone calls, send and receive text messages, use media, use mirroring, etc. on your PC.

**TIP**

If **Virtoo by LG** is not installed, connect to the **Microsoft Store** and search for **Virtoo by LG**.

Also, your smartphone must have the **Virtoo by LG** app installed.

You can search for and install the **Virtoo by LG** smartphone app from **Google Play** or **App Store**.

It is recommended to disconnect from the app after using on a public PC.


**Virtoo by LG's** service may be suspended without prior notice due to the company's circumstances.

The app may not work properly on some smartphone models and upgrading the operating system of a smartphone may prevent some features from working properly.

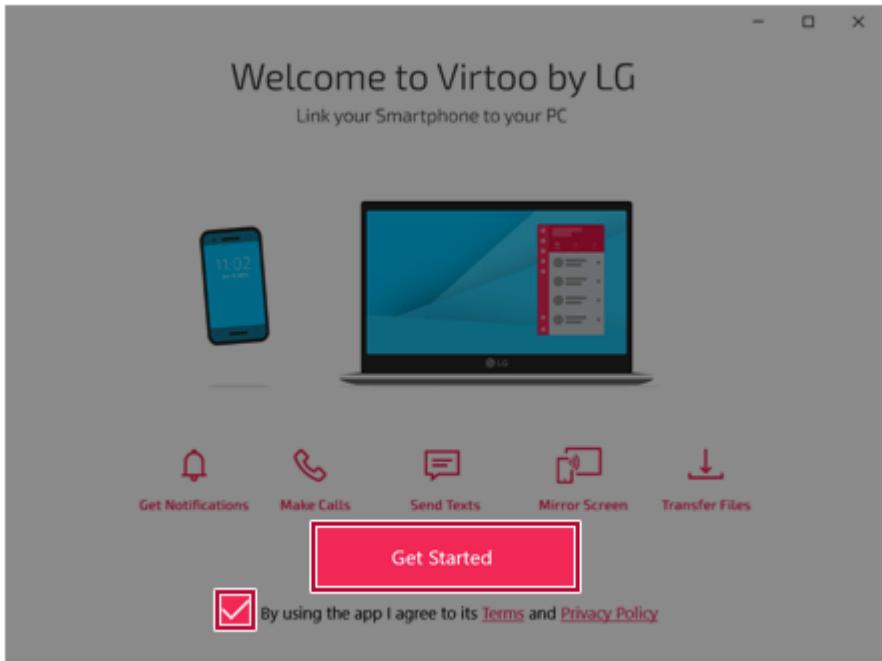
In order to use a dialer with a Microsoft **user's mobile phone**, you need to uninstall **Virtoo by LG** app and driver.

The figures herein are subject to change without prior notice.

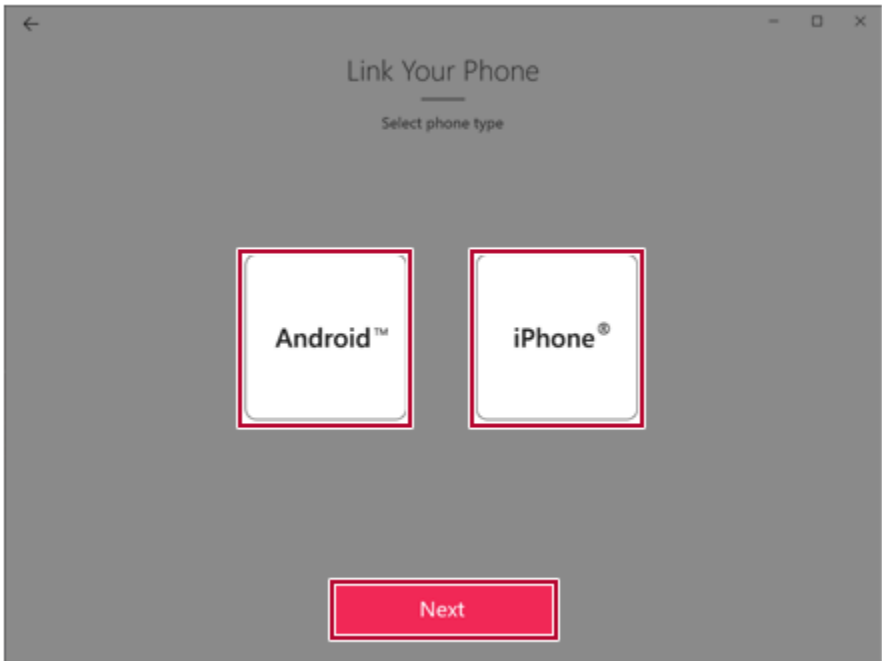
### Connect to **Virtoo by LG**

- 1 Select the Start button [] > [All apps] and run [**Virtoo by LG**].

- Once **Virtoo by LG** is executed, agree to the terms and conditions and the privacy policy and click the **[Get Started]** button.



- 3 Select [Android] or [iPhone] and then click the [Next] button.



4 Follow the instructions to connect your smartphone and PC.

- **Android**

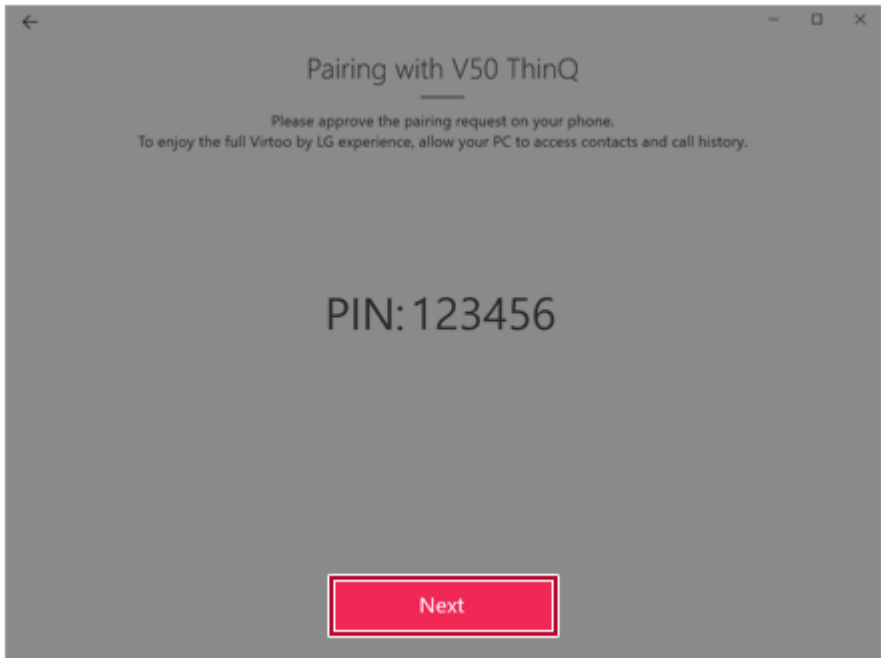


- **iPhone**



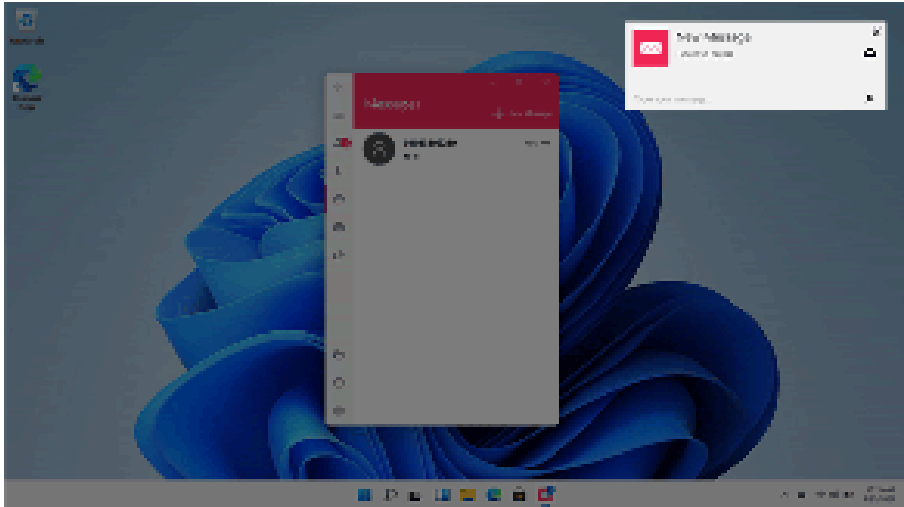
- 5 When an identical PIN Code appears on both PC and smartphone, tap the **[Register]** or **[Pair]** button on the smartphone.

- 6 On the PC, click the **[Next]** button to finish the connection.



### Displaying Notification Messages

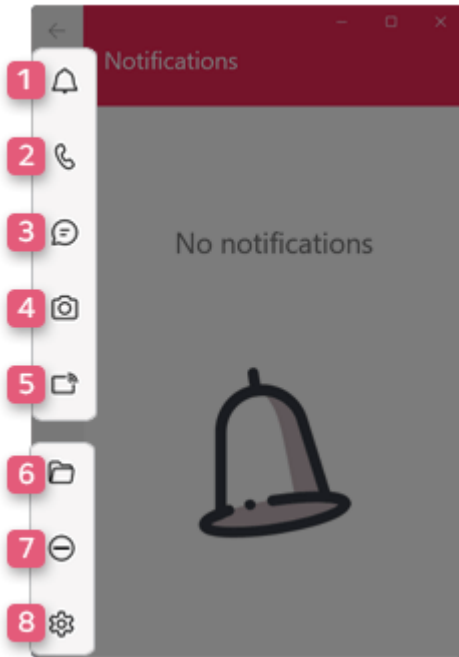
When your smartphone receives a notification, phone call, text message, app notification message, or email, a notification message is displayed on the PC screen.

**TIP**

**If the smartphone notification does not appear on the PC, allow notification access authority of the Virtoo by LG app in the smartphone settings.**

" The actual menu structure may differ by smartphone model. Refer to the smartphone manual for more information on menu structure.

## Virtoo by LG Tour

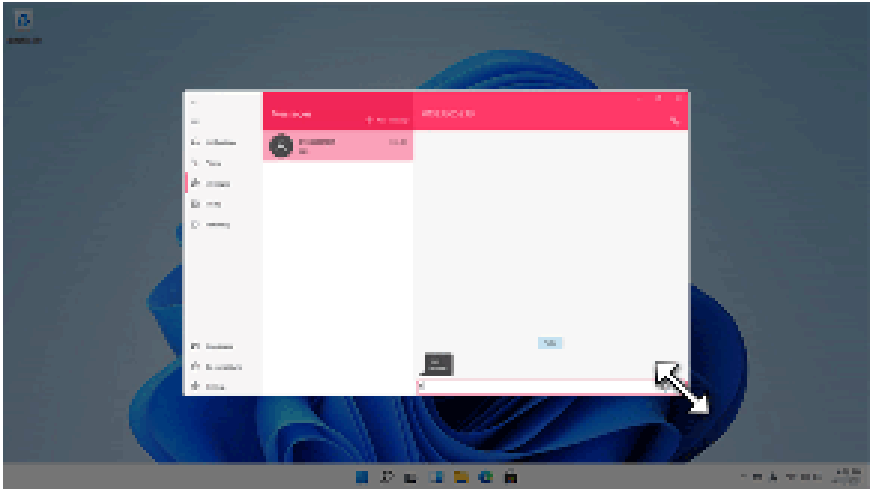


- 1 **Notifications:** You can check your phone's notifications on the **Virtoo by LG** app screen.
- 2 **Phone:** Allows you to browse the contacts stored in your smartphone and send text or make a phone call to the contacts.
- 3 **Messages:** Allows you to send and receive text messages in a conversation format.
- 4 **Media:** Displays media files (Photos, Videos, Music, Docs) on your smartphone. You can drag a media file to share it between the smartphone and the PC. (iPhone does not support the sharing of music files and documents.)
- 5 **Mirroring:** Allows you to display the screen of the connected smartphone on your PC and access it from the PC.
- 6 **Downloads:** Opens the download folder of your PC.
- 7 **Do Not Disturb:** Allows you to set smartphone notifications to be or not to be displayed on your PC. By default, the feature is "Off" (Notifications are displayed).
- 8 **Settings:** You can change app settings of **Virtoo by LG**.



TIP

You can adjust the window size of the **Virtuo by LG** app on the PC.



### Sharing Media Files (Photos, Videos, Music, Docs)



TIP

Only one file can be transferred at a time and it may take a while if the file is big.

If you want to use the Share Media/File function on your iPhone, you need to connect the iPhone and the PC to the same router.

iPhone does not support the sharing of music files and documents.

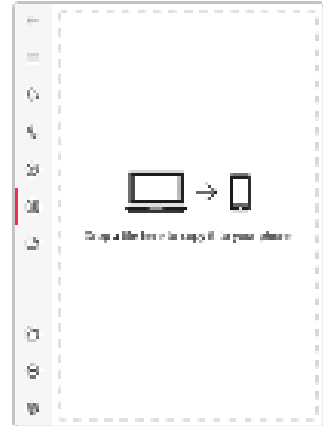
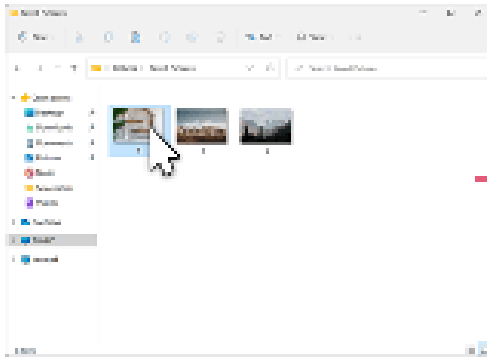
### Storing PC Files on Your Smartphone

- 1 Drag and drop the files to share from your PC to the Media screen.

**TIP**

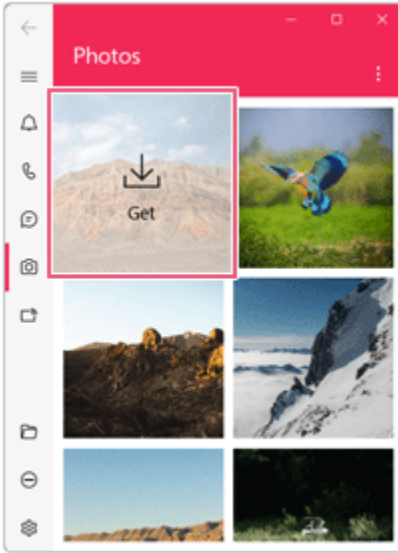
Android: Files sent to the smartphone are classified according to file types and stored in **[Internal Storage] > [Virtoo by LG] > Images / Videos / Audio / Other** folder.

iPhone: Files sent to the smartphones are saved in the Album.

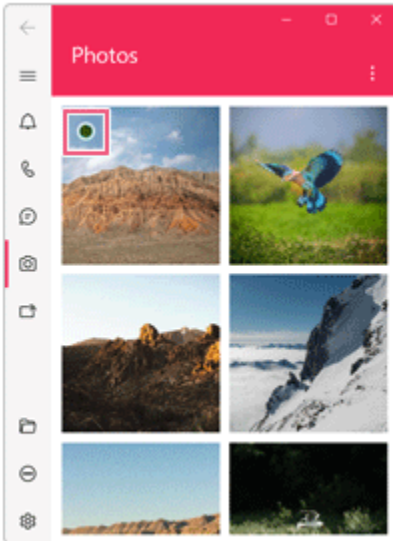


## Storing Smartphone Files on Your PC

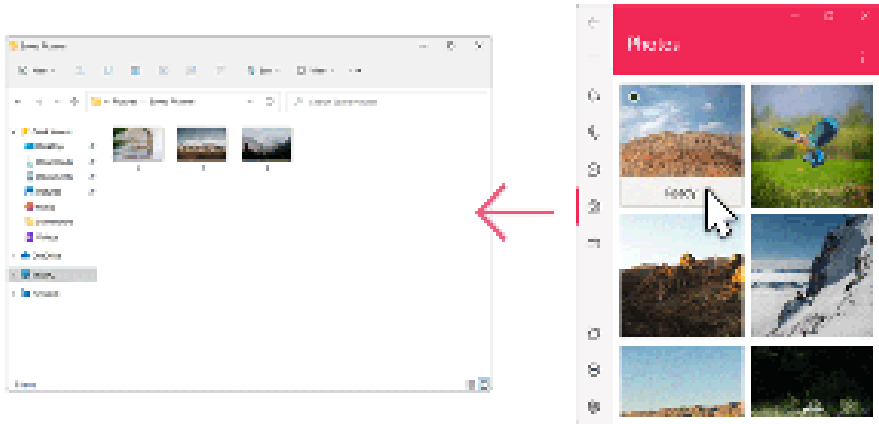
- 1 Select file to share from the Media screen.



- 2 Once the files are ready to be sent, a green circle [ ● ] appears above the selected files.



- 3 You can check the files that are ready to be sent, or drag and save them to a desired location on the PC.



### File Sharing with Mirroring

The mirroring must be enabled to use the file sharing feature.

#### TIP

Only Android smartphones support the file sharing feature through mirroring.

Only one file can be transferred at a time and it may take a while if the file is big.

Depending on the wireless environment, the mirroring screen may suffer a buffering problem or the file transmission speed may be lowered.

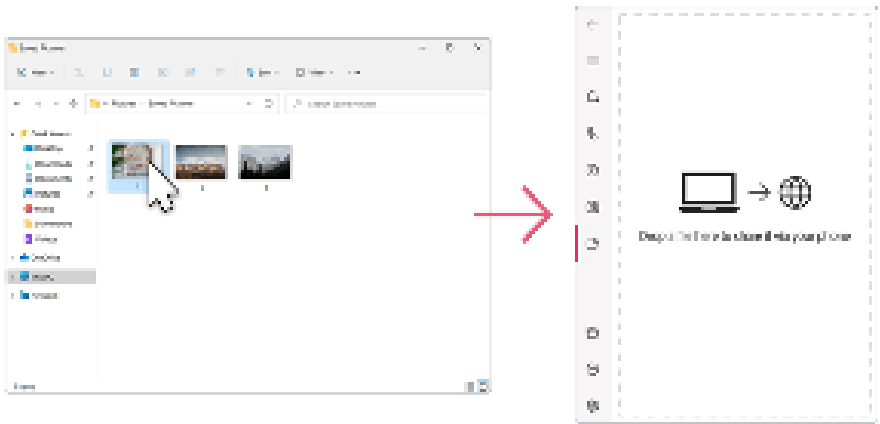
The keyboard and mouse on the PC acts on the smartphone as if Bluetooth keyboard and mouse are connected to it.

Files sent to the smartphone are classified according to file types and stored in **[Internal Storage] > [Virtoo by LG] > Images / Videos / Audio / Other** folder.

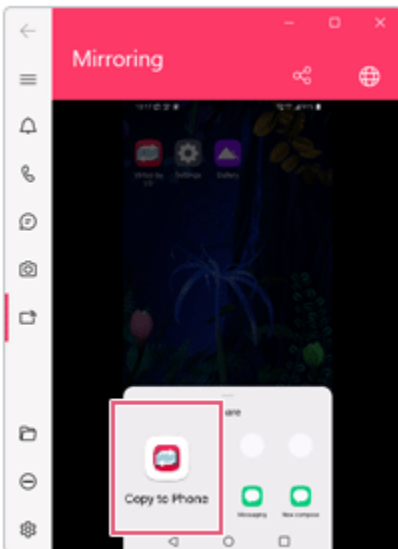
Files sent from your smartphone are stored in the [Download] folder of your PC.

### Storing PC Files on Your Smartphone

- 1 Drag the files to share to the mirroring screen from your PC.



- 2 Click the [Copy to Phone] button to store the file(s) on your smartphone or click another app icon to share the file(s) on the app.

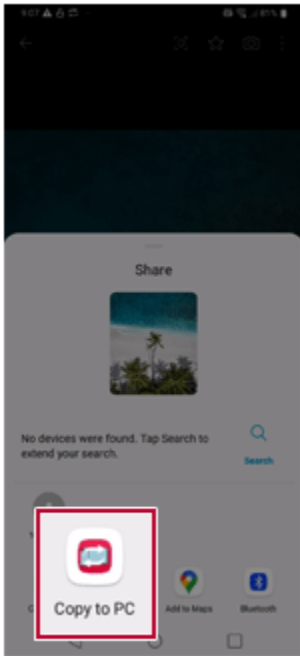


## Storing Smartphone Files on Your PC

- 1 Select file(s) on your smartphone using a file browser and then tap the [Share] menu item.



- 2 Tap the [Copy to PC] button to transfer them to your PC.



### Virtoo by LG Update

Some functions may not work properly if the version of an app installed on your PC or mobile device (Android or iPhone) is out of date. You can update your PC and mobile device as below:

Please initialize your app after it is updated.

- PC app: In **Microsoft Store**, search for and update the **Virtoo by LG** app.
- Smartphone app: In **Google Play** or **App Store**, search for and update the **Virtoo by LG** app.

## LG Power Manager

**LG Power Manager** allows you to configure the power settings according to the usage environment to manage the battery efficiently.




**TIP**

**LG Power Manager** is provided with the UWP app and it can be downloaded again on the **Microsoft Store** if it is deleted. If you want to download the files again, connect to the **Microsoft Store**, search for **LG Power Manager** and install them.


The figures herein are subject to change without prior notice.

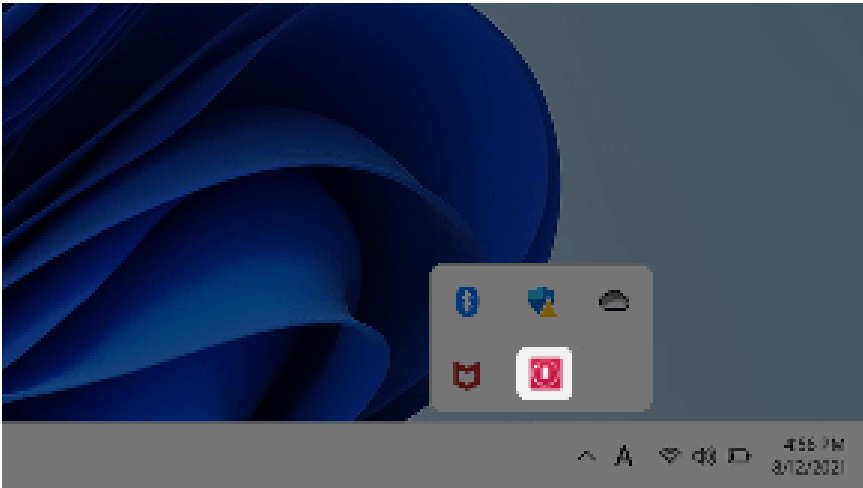
### Using **LG Power Manager**

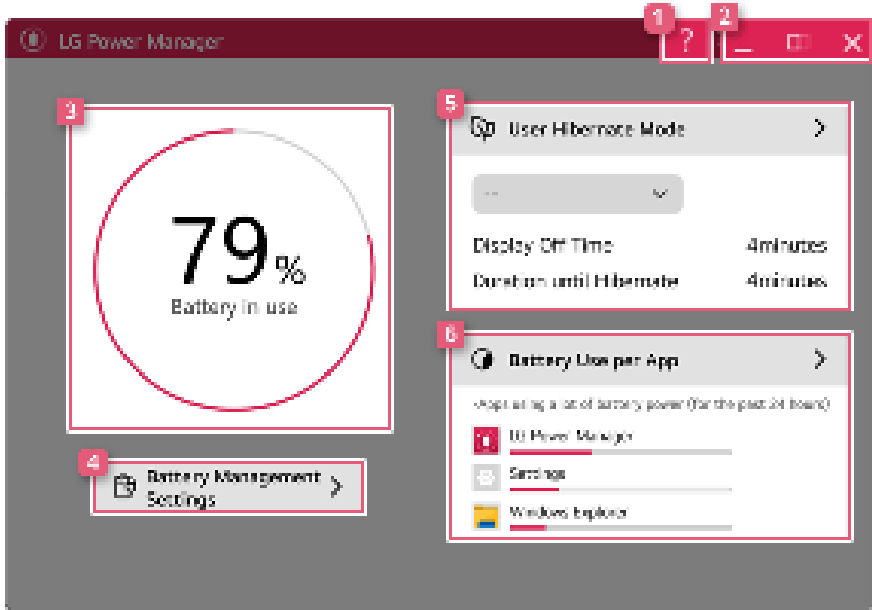
Select the Start button [  ] > [All apps] and run [ **LG Power Manager** ].



**TIP**

Double-click the [  ] icon on the right side of the taskbar to start the [ **LG Power Manager** ].




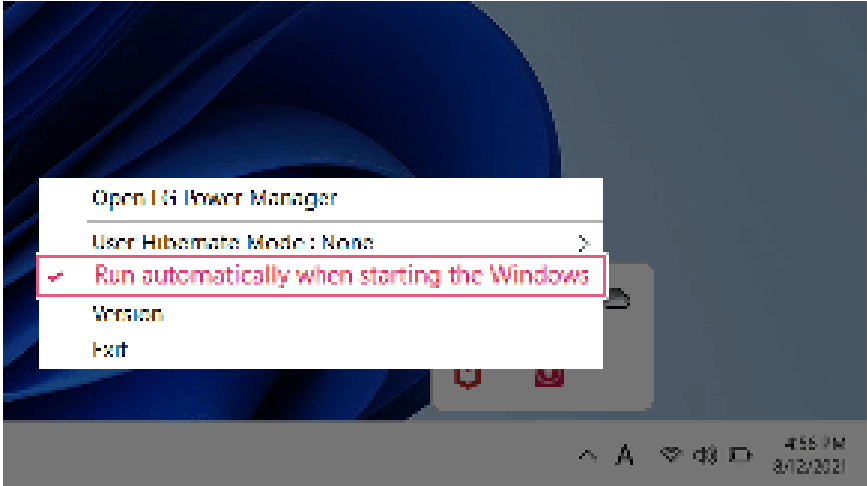


- 1 **Help button:** Displays the Help menu.
- 2 **Minimize/Maximize/Exit button:** Allows you to minimize or maximize the window or exit the program.
- 3 **Battery Status:** Displays the battery level and battery usage status including power connection.
- 4 **Battery Management Settings:** Allows you to set a window theme to Dark Mode or set the notification function for battery status.
- 5 **User Hibernate Mode:** Allows you to create a user mode and configure the detailed settings such as Display Off Time and Duration until Hibernate.
- 6 **Battery Use per App:** Allows you to check the battery use of a running app. The actual content may differ depending on the Windows OS version and usage environment. For more detailed information, click the menu.

**TIP**

**LG Power Manager** is set to run automatically when running Windows.

You can change the Autorun settings by right-clicking the [  ] icon on the right side of the taskbar and selecting the [Run automatically when starting the Windows] menu.



## Set custom Hot Keys

**Set Custom Hot Keys** helps users quickly access the desired app or website.



**TIP**


**Set Custom Hot Keys** is available only if **LG On Screen Display 3** is installed.

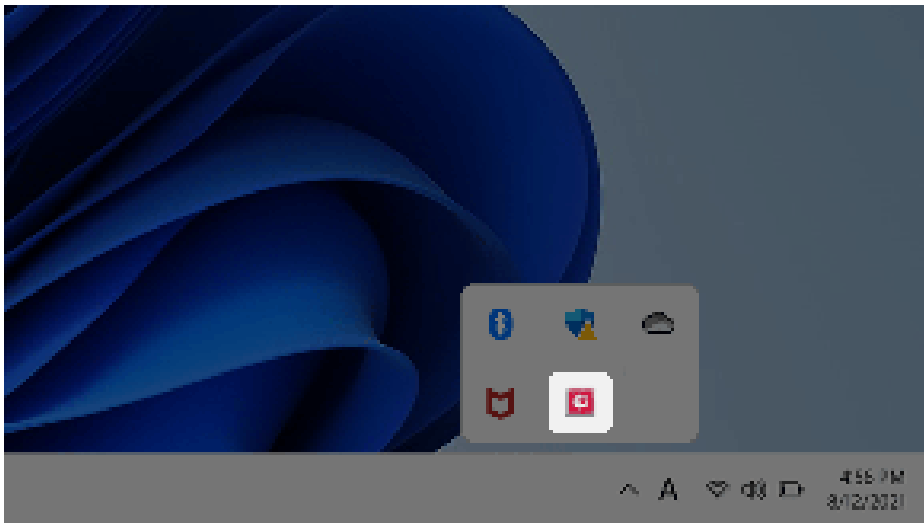
**LG On Screen Display 3** may be installed through **LG Update Center**.

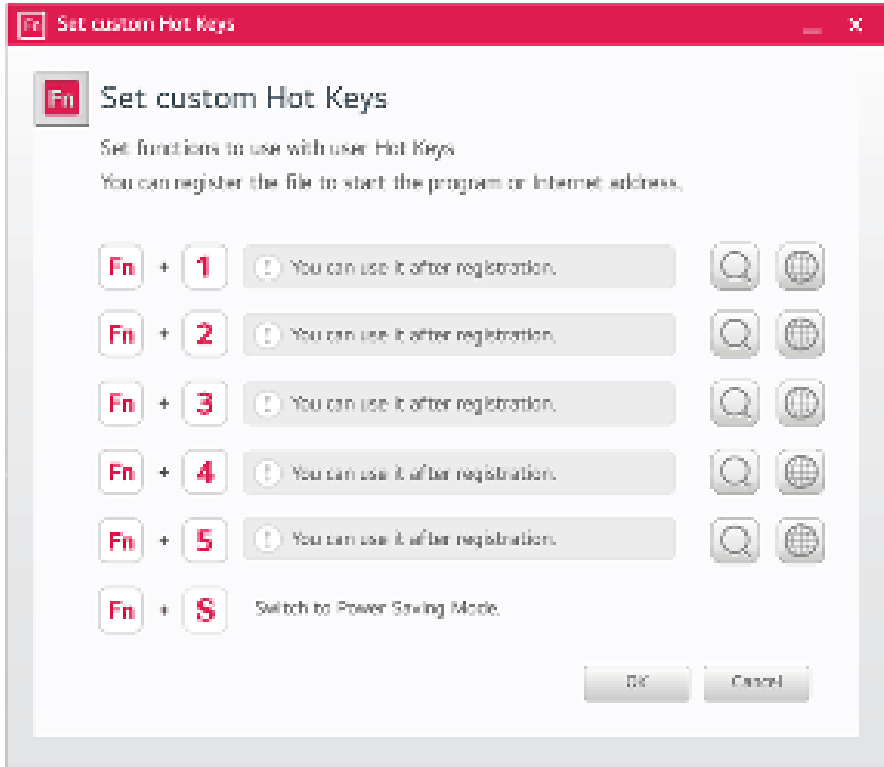
Some abnormal program files (.exe) and Internet addresses (links) may not be linked.

The figures herein are subject to change without prior notice.

### Running **Set Custom Hot Keys**

Double-click the [  ] icon in the right corner of the taskbar to run [Set Custom Hot Keys].







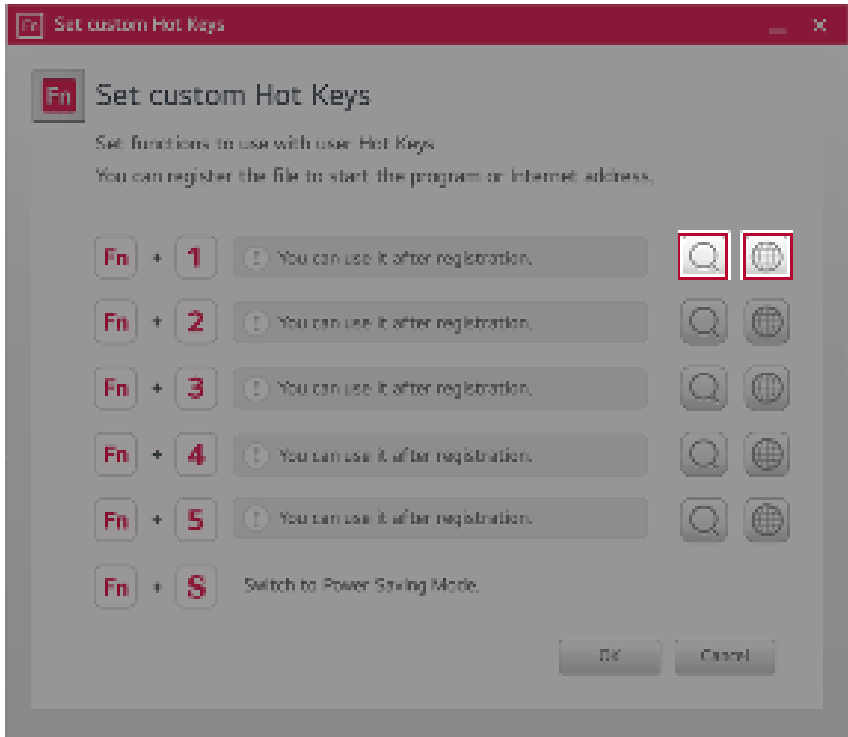
### Setting Hot Keys



#### TIP

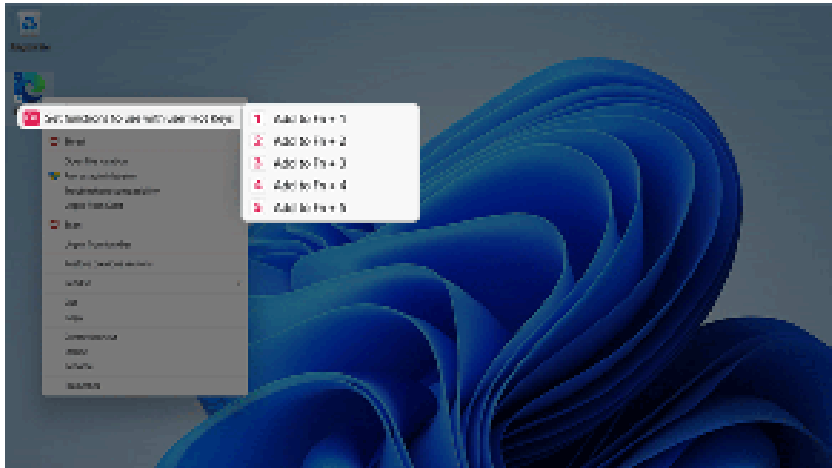
Hot keys can be set from 1 to 5, and the [Fn] + [S] Sleep Mode cannot be changed.

- 1 On the Hot Keys Settings List, tap the navigation icon [  ] or Internet icon [  ] to register the desired app or Internet address.

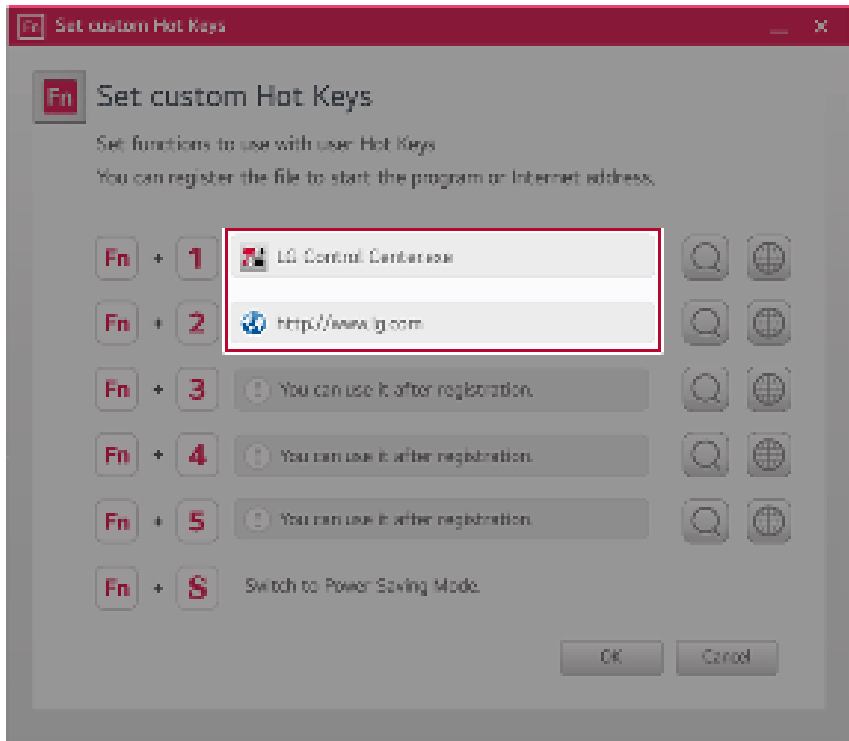


 TIP

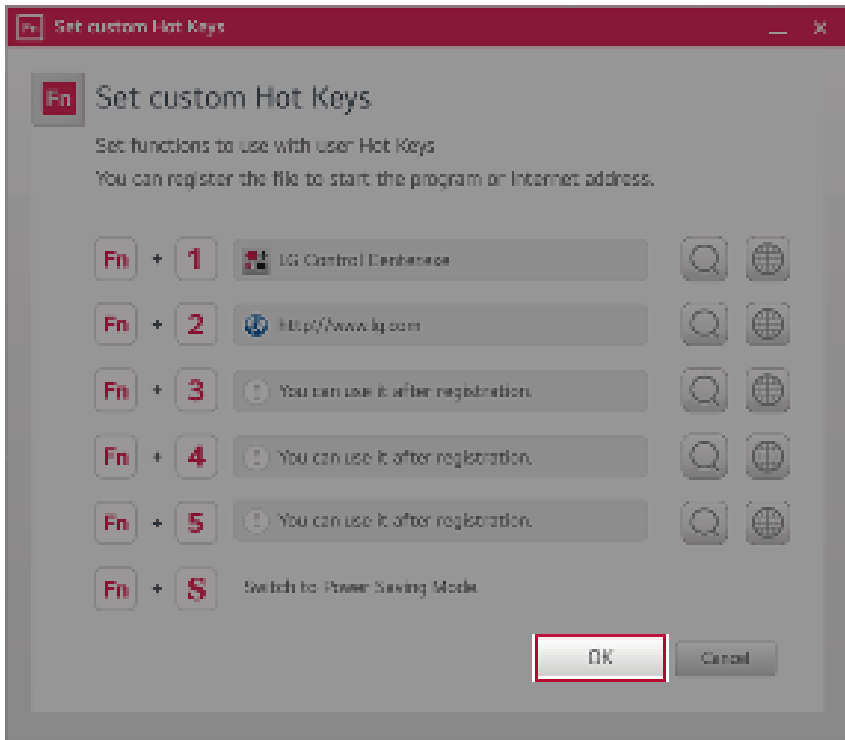
After selecting the app-running file, right-click the mouse and use the [Show more options] > [Set functions to use with user Hot Keys] menu to register the app quickly.



- When registration is complete, it is displayed on the settings list.



- 3 Press [OK] to complete the setup.



# Restoring the System

## Restoring the System

If the system has an error, you can use Windows' recovery function to recover or restore the system to its initial pre-purchase state.



### CAUTION


If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

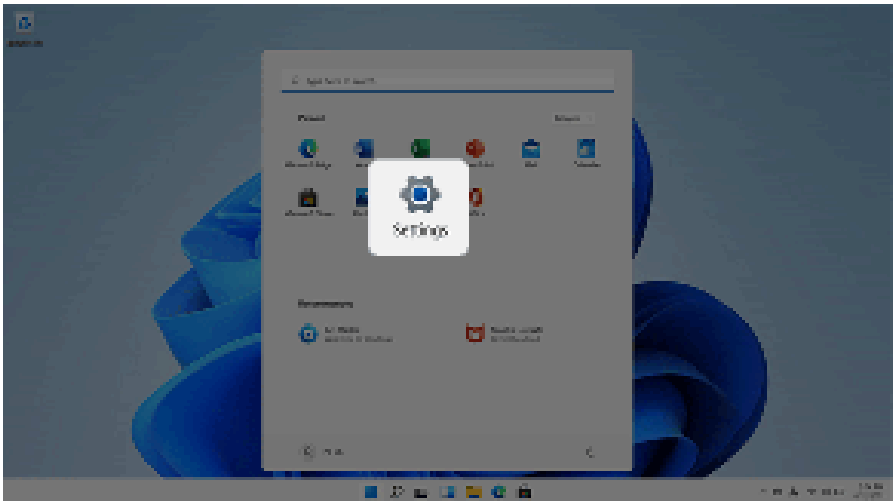
To recover the system, the AC adapter must be connected.

- 1 Select the Start button [  ] > [Settings].

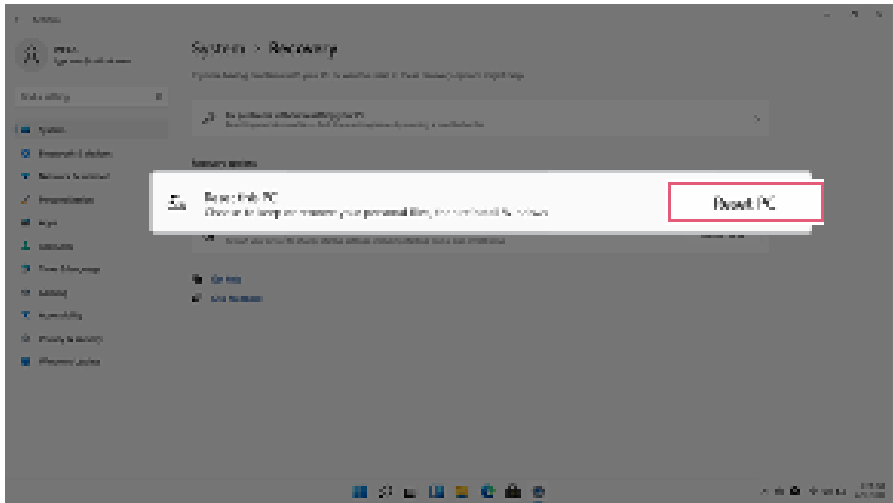


### TIP

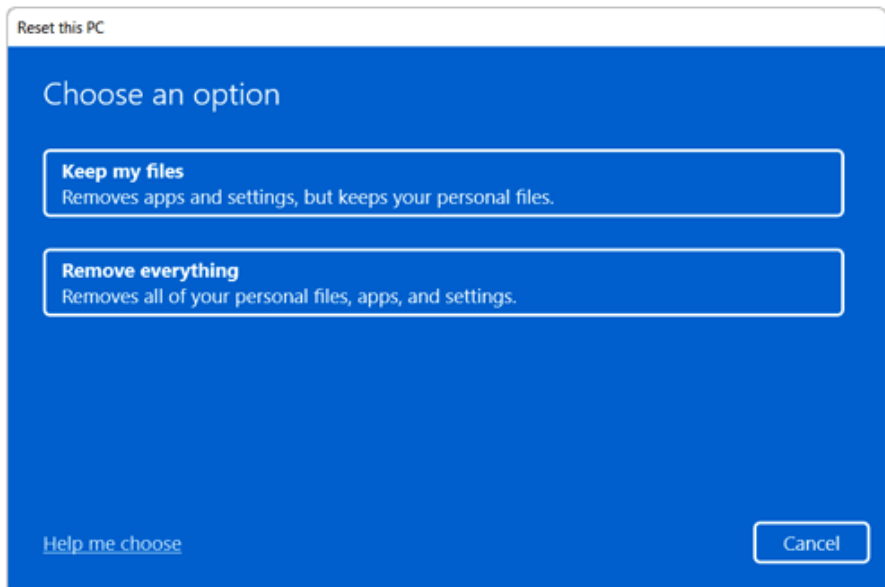
Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [Reset PC] in [System] > [Recovery] > [Reset this PC].



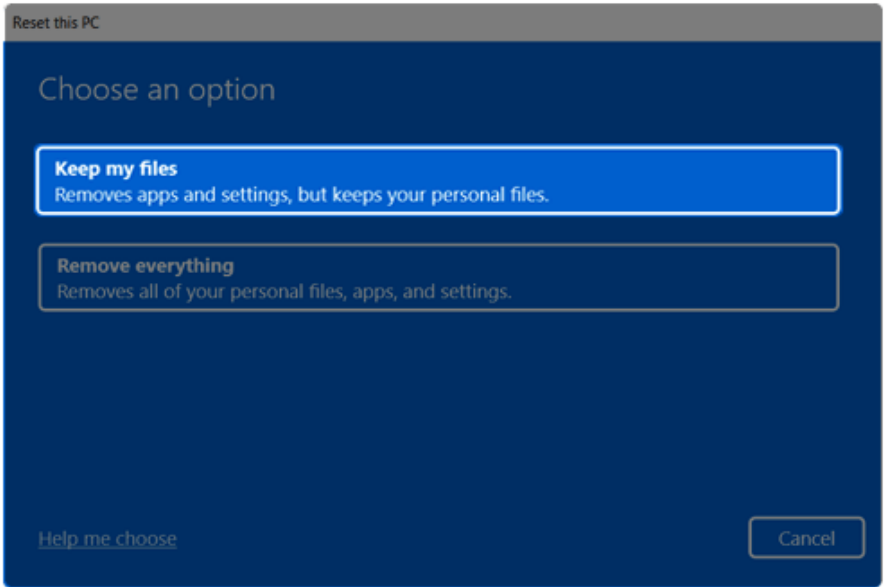
- 3 Select the options you want to proceed with the recovery.



## Keep My Files

It removes the apps and their settings without loss of personal files.

- 1 Select [Keep my files].



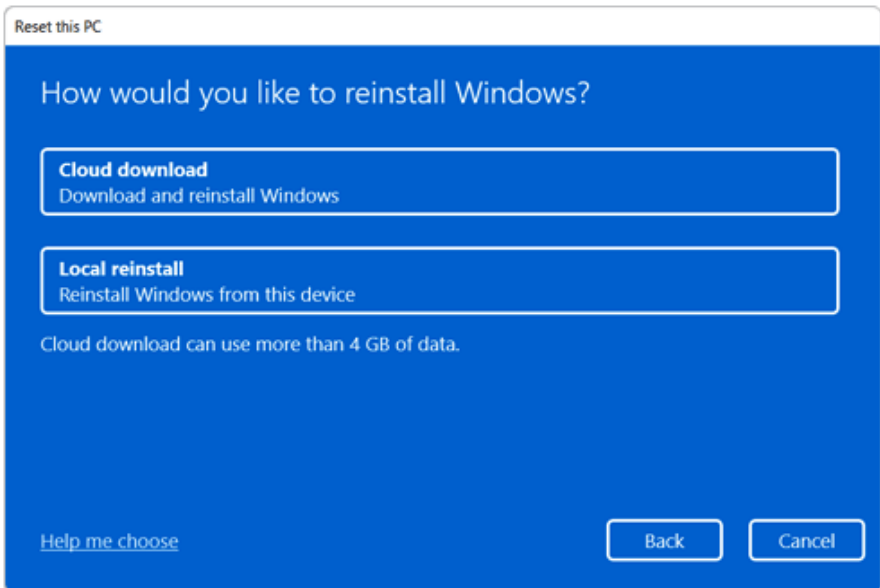
## 2 Select How to Reinstall Windows.

### TIP

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

**[Cloud download]** is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

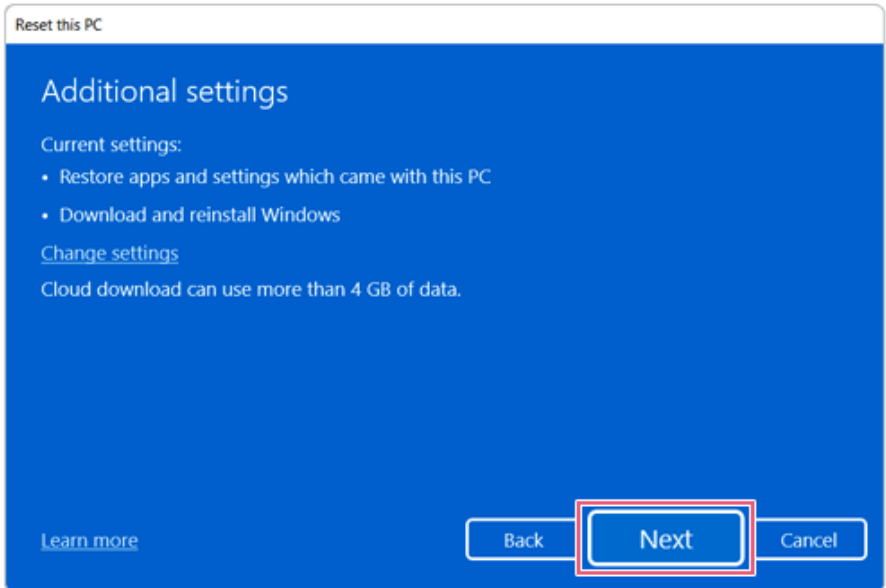
The required time may vary depending on the Internet speed.



- 3 Check the current settings and click [Next] to perform the recovery according to the instructions.

**TIP**

If you need to change the settings, click [Change settings] and change the settings.

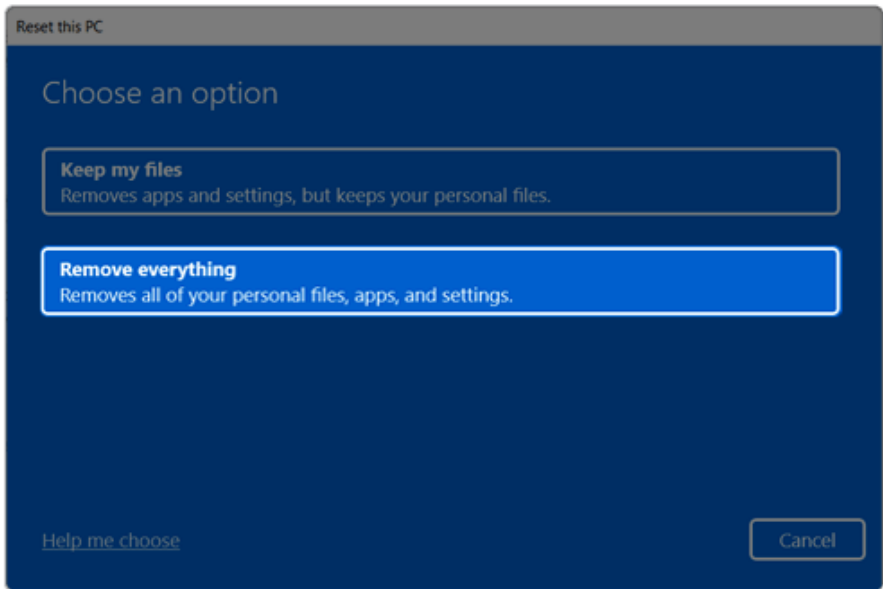
**Remove everything**

Removes all items from the system and restores the system to its initial pre-purchase state.

**CAUTION**

All data is lost during the initialization, so you must backup all critical data in advance.  
It may take about 5 hours or longer depending on the system conditions.

- 1 Select [Remove everything].



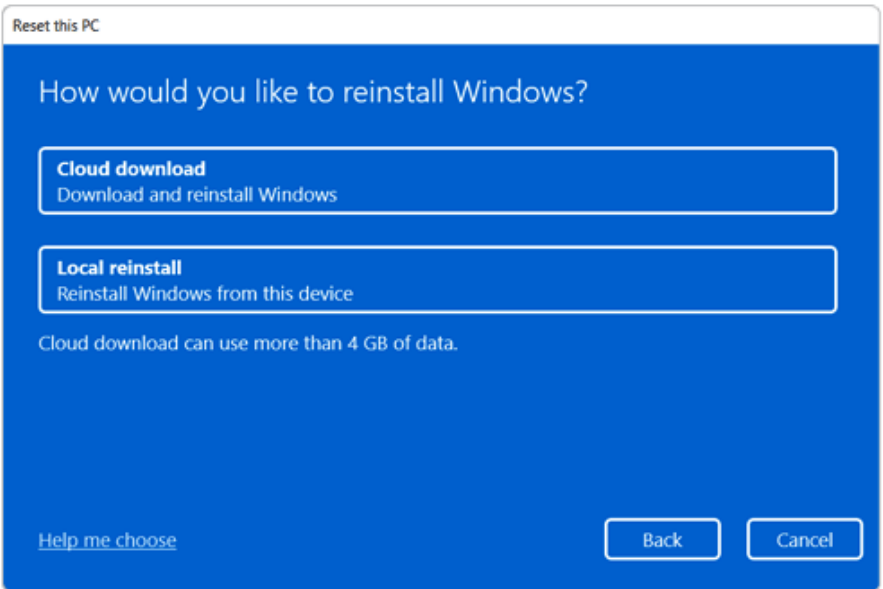
## 2 Select How to Reinstall Windows.

### TIP

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

**[Cloud download]** is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

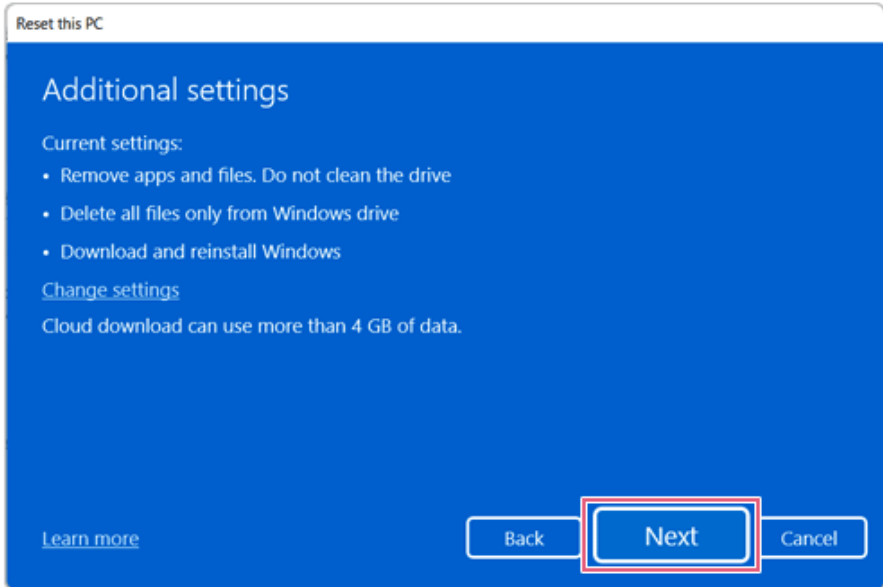
The required time may vary depending on the Internet speed.



- 3 Check the current settings and click [Next] to perform the recovery according to the instructions.

 TIP

If you need to change the settings, click [Change settings] and change the settings.




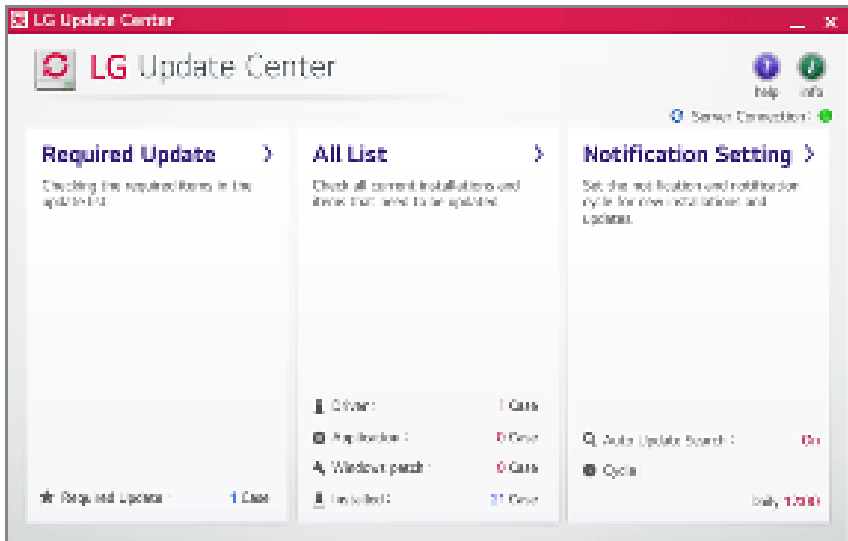
# Setup and Upgrade

## Installing the Driver

The figures herein may differ by language selection and are subject to change without prior notice.

Using **LG Update Center** to install the Driver

- 1 Select the Start button [  ] > [All apps] > [LG Software] and run [LG Update Center].



- 2 Select [Required Update] or [All List] to install the driver.

### TIP

You can use the **LG Update Center** to quickly install the latest drivers, or reinstall any deleted drivers.

Use **LG Update Center** to keep your system current and optimized.

## How to Download **LG Update Center**

You can install **LG Update Center** by downloading it from the LG Electronics Website ([www.lg.com](http://www.lg.com)).

## Starting System Setup

System setup means storing the hardware configuration information of the PC in the flash memory. Through system setup, the PC retrieves various information including current date and time, memory capacity, and hard disk capacity and type.

You setup the system when you set passwords, change the boot order, and add new peripheral devices to the machine.

**Items displayed on the Setup screen may differ by model type and specification.**

- Refer to .
- Refer to .
- Refer to .

**TIP**

To use the system setup (F2), booting device selection (F10), you need to restart the system (click [Restart] in the system power menu) and then immediately press the corresponding function key due to the fast booting speed.

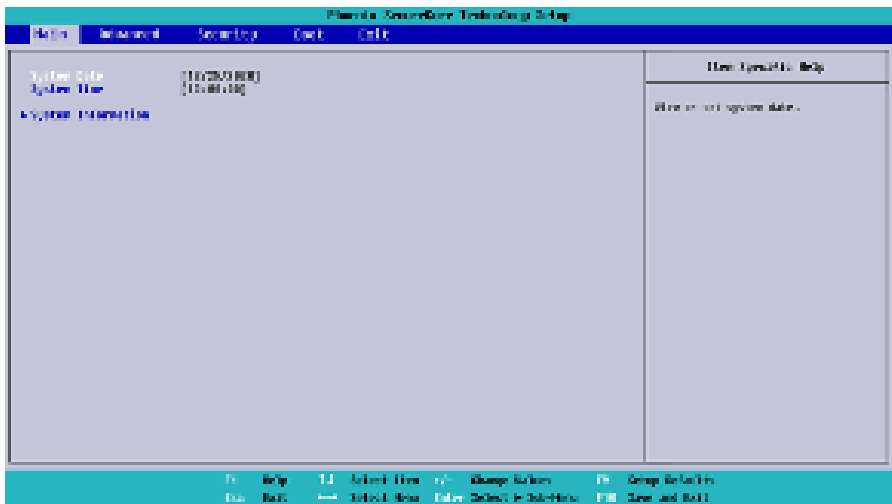
**CAUTION**

- " Do not change the system setup unless necessary. Incorrect system setup may cause errors during system operation. Use caution when changing the system setup.
- " For performance improvement, the system setup menu configuration and the initial setup status may be changed and may become different from images included in the user manual.

- 1 Reboot the system and press [F2].



- 2 In a few moments, the system setup screen appears.



**Keys Used in System Setup**

<b>Keys</b>	<b>Function</b>
Enter	Selects the current item.
Esc	To deselect the current item or to move to the previous screen.
▲, ▼, ◀, ▶ (Arrow keys)	Moves the cursor up, down, left, and right.
+, -	Increases or decreases the item value.
F10	Saves the new settings or exits the system setup.

## Setting the Password

This process is to set a password so that other people cannot use the PC or change the settings.

The user can set a password while booting the system or setting up the system.

**The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.**



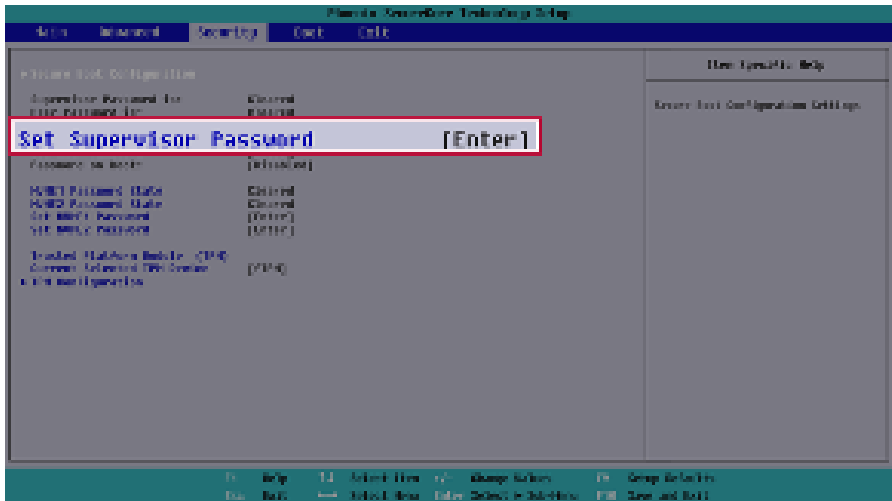
### CAUTION

- " Without the registered password, access to the system will be denied. Write down and keep the password in a safe place.

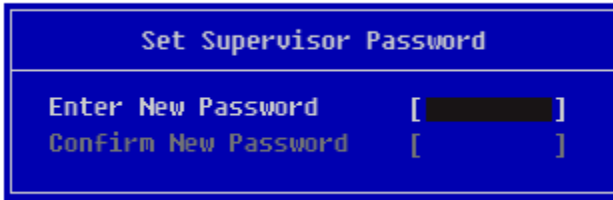
### Set Supervisor Password

The password prevents unauthorized people from accessing the PC. By default, no password is set for the machine. If an unauthorized person changes the password in the System Setup, you will be unable to access the system.

- 1 After opening the system setup screen, use the arrow keys to move to **[Security]**.
- 2 When the **Security** item appears, select **[Set Supervisor Password]** using the arrow keys, and then press the **[Enter]** key.

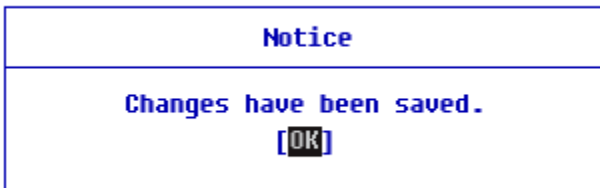


- 3 When the **Set Supervisor Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 12 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



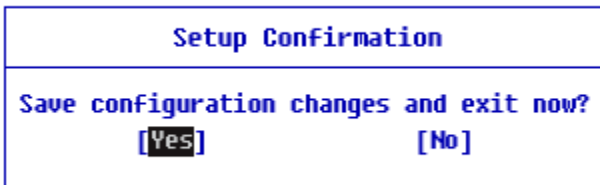
```
Set Supervisor Password
Enter New Password [ ]
Confirm New Password [ ]
```

- 4 When the **Notice** screen appears, press the [Enter] key.



```
Notice
Changes have been saved.
[OK]
```

- 5 To save the changes in the system setup, press [F10].
- 6 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.



```
Setup Confirmation
Save configuration changes and exit now?
[Yes] [No]
```



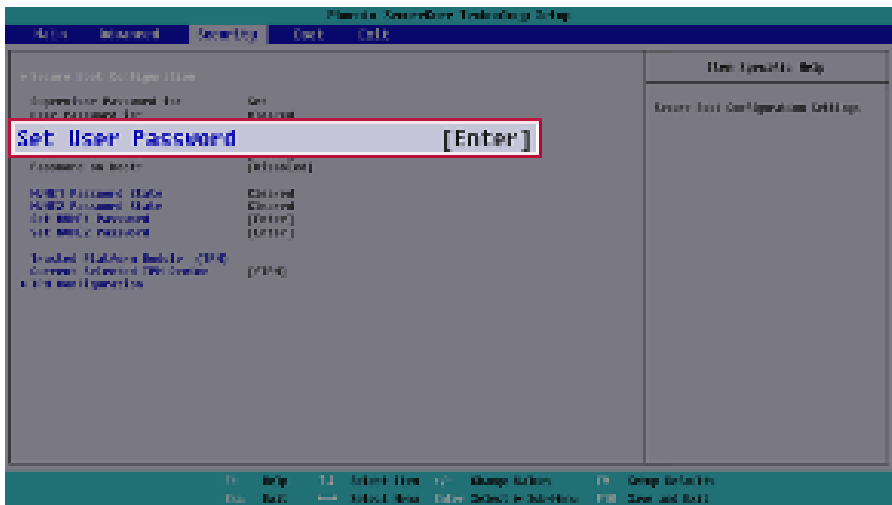
## TIP

" With **Supervisor Password**, you are authorized to set all items in the System Setup and to set **Password on boot**. In case other people also use the PC, it is recommended to set the **Set User Password**.

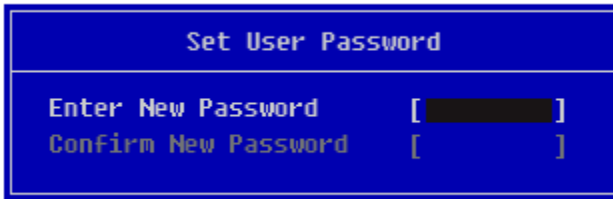
## Set User Password

The password set by the **Set User Password** process is lower in level than that set by the [**Set Supervisor Password**] process, and so the user can use the [**Set User Password**] only after setting a password in the [**Set Supervisor Password**] menu.

- 1 After opening the system setup screen, use the arrow keys to move to [**Security**].
- 2 When the **Security** item appears, press the [Enter] button in the [**Set User Password**] menu.

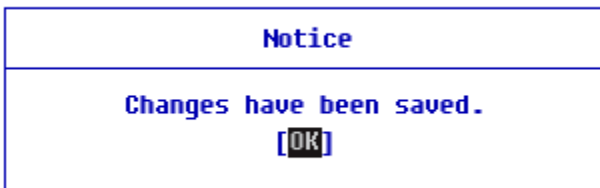


- 3 When the **Set User Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 12 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



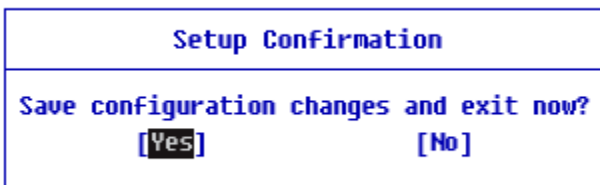
```
Set User Password
Enter New Password [ ]
Confirm New Password [ ]
```

- 4 When the **Notice** screen appears, press the [Enter] key.



```
Notice
Changes have been saved.
[OK]
```

- 5 To save the changes in the system setup, press [F10].
- 6 When the **Setup Confirmation** screen appears, check [Yes] and press the [Enter] key. The PC will restart.



```
Setup Confirmation
Save configuration changes and exit now?
[Yes] [No]
```



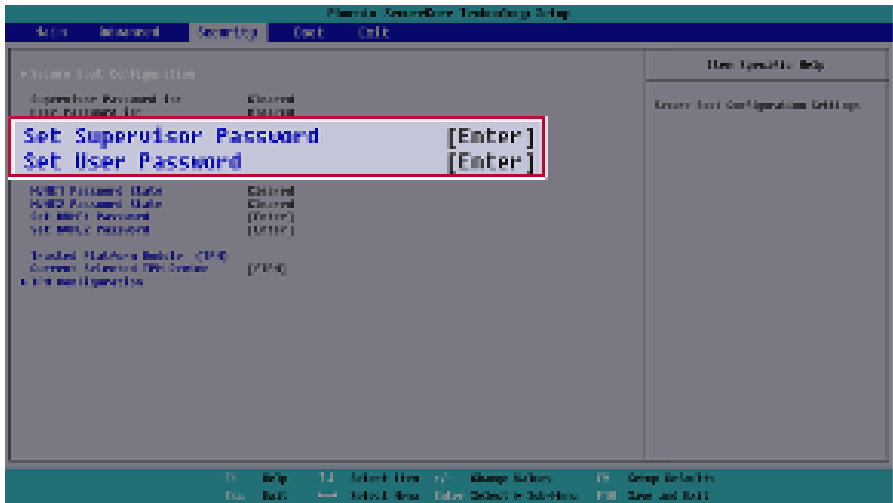
TIP

" **[User Password]** allows limited access to the items in the System Setup compared to the **[Supervisor Password]** item.

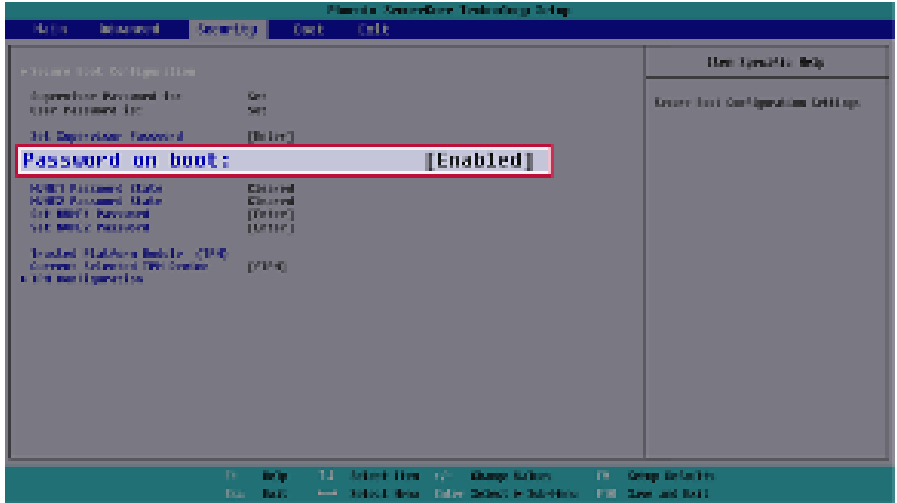
## Password on boot

**Password on boot** protects the system by requesting **[Set Supervisor Password]** or **[Set User Password]** during boot up.

- 1 After opening the system setup screen, use the arrow keys to move to **[Security]**.
- 2 When the **Security** item appears, set a password for **[Set Supervisor Password]** or passwords for both **[Set Supervisor Password]** and **[Set User Password]**.



- 3 The popup screen will show up, after selecting **[Password on boot]** and press **[Enter]**. After selecting **[Enabled]** and press **[Enter]**, **[Password on boot]** will be complete.



## Set NVMe™ Password / SSD Password

### TIP

Some models installed with NVMe™ may not support the password settings.

Depending on the model, the menu name may be displayed as NVMe™ **Password**, **SSD Password**, etc.

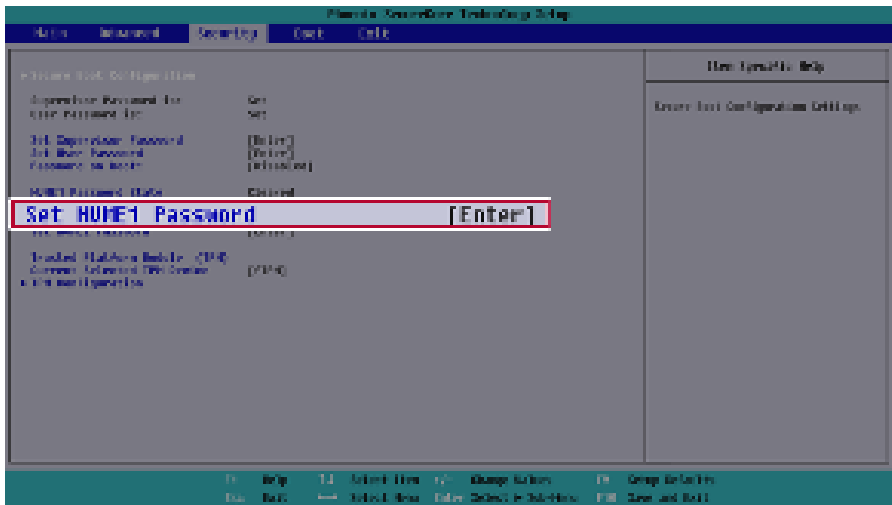
For models equipped with two NVMe™ devices installed, the menu names are displayed as NVMe™1, NVMe™2, and if NVMe™ and **SSD** are installed, they are displayed as NVMe™1, **SSD01**, etc.

For models with two NVMe™ or **SSD** devices, you can set a password for each device. If you set passwords for both, the password input window will appear twice during booting.

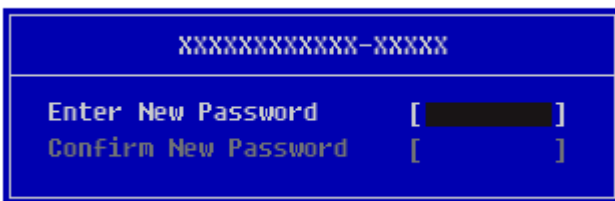
The password input windows appear according to the **[Boot Priority order]** in the **[Boot]** menu.

- 1 After opening the system setup screen, use the arrow keys to move to **[Security]**.

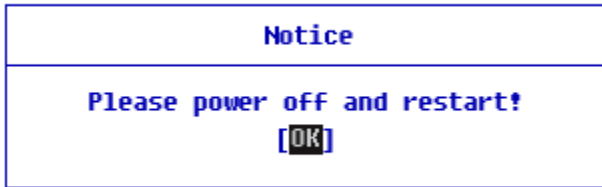
- When the **Security** item appears, select **[Set NVME1 Password]** using the arrow keys and press the **[Enter]** key.



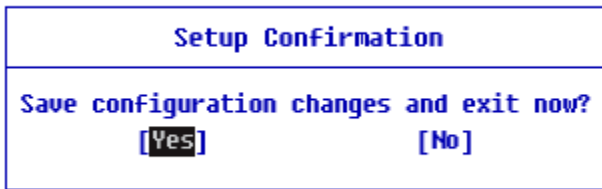
- When the Password Setting screen appears, enter a password and press the **[Enter]** key. The password should not exceed 12 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



- 4 When the **Notice** screen appears, press the [Enter] key.



- 5 To save the changes in the system setup, press [F10].
- 6 When the **Setup Confirmation** screen appears, check [Yes] and press the [Enter] key. The PC will restart.

**CAUTION**

If you forgot NVMe™ Password/SSD Password, you cannot restore the NVMe™/SSD.

- " The replacement of NVMe™/SSD due to a forgotten NVMe™ Password/SSD Password is not covered by warranty.

## Changing or Deleting the Password

You can delete or change the password only after entering the current password.

**The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.**

### Changing the Password

- 1 Execute System Setup, enter the password, and click [Enter].

A screenshot of a blue rectangular input field with a double border. The word "Password" is written in white on the left side. On the right side, there is a black rectangular redaction box followed by a white closing square bracket "]" inside a white opening square bracket "[".

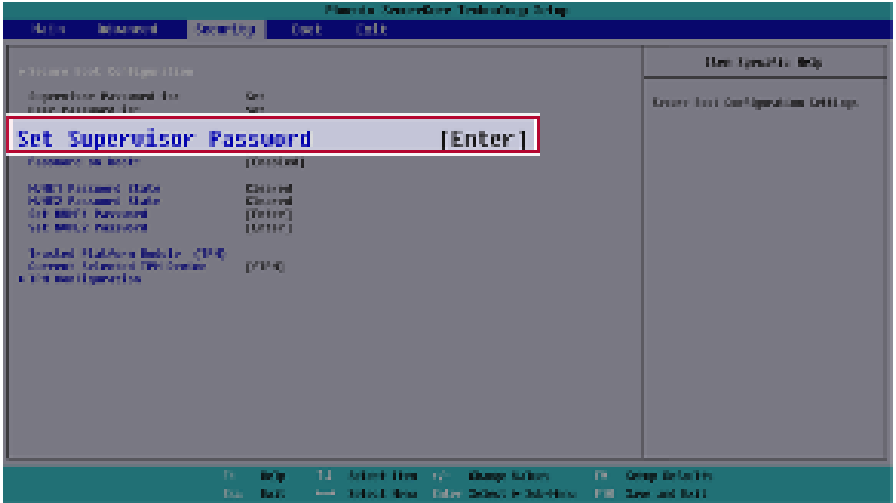
- 2 Change the password in the same way as setting one.

### Deleting the Password

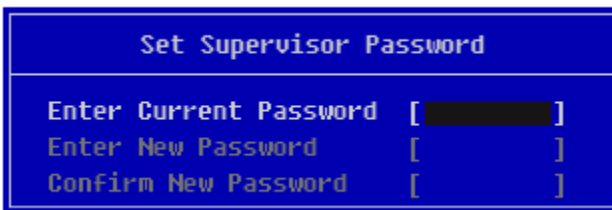
- 1 Execute System Setup, enter the password, and press [Enter].

A screenshot of a blue rectangular input field with a double border. The word "Password" is written in white on the left side. On the right side, there is a black rectangular redaction box followed by a white closing square bracket "]" inside a white opening square bracket "[".

- After moving **[Security]** by using the arrow keys from the setup start screen, click **[Set Supervisor Password]** and press **[Enter]**.



- When the **Set Supervisor Password** setting screen appears, enter the current password in **[Enter Current Password]**.



- 4 Press [Enter] in **[Enter New Password]** and **[Confirm New Password]**.

Set Supervisor Password	
Enter Current Password	[ **** ]
Enter New Password	[ █████ ]
Confirm New Password	[ █████ ]

- 5 When the **Notice** screen appears, press the [Enter] key.

Notice
Changes have been saved. [OK]

- 6 To save the changes in the system setup, press [F10].
- 7 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.

Setup Confirmation
Save configuration changes and exit now? [Yes] [No]

## Deleting the Password (Set NVMe™ Password / SSD Password)

- 1 Execute System Setup, enter the password, and press [Enter].

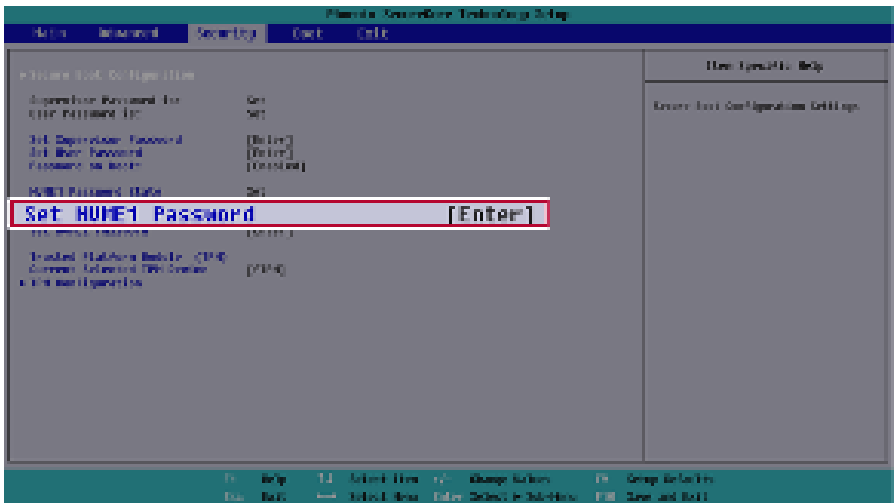
Password [REDACTED]

- 2 After moving **[Security]** by using the arrow keys from the setup start screen, click **[Set NVME1 Password]** and press [Enter].

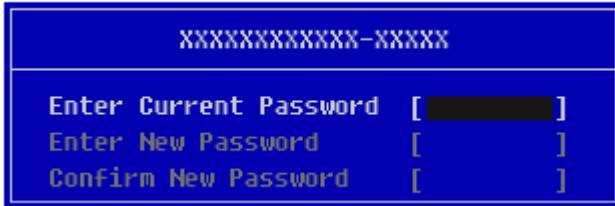
**TIP**

Depending on the model, the menu name may be displayed as NVMe™ Password, SSD Password, etc.

For models equipped with two NVMe™ devices installed, the menu names are displayed as NVMe™1, NVMe™2, and if NVMe™ and SSD are installed, they are displayed as NVMe™1, SSD01, etc.

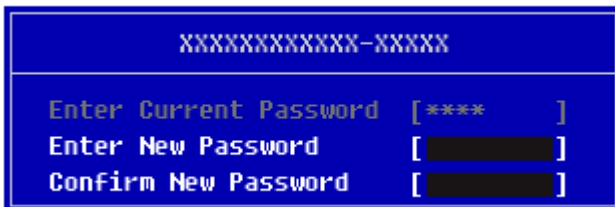


- 3 When the Password setting change screen appears, enter the current password in the **[Enter Current Password]** field.



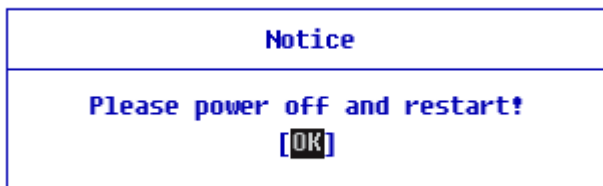
```
XXXXXXXXXXXXXXXX-XXXXX
Enter Current Password [ ]
Enter New Password [ ]
Confirm New Password [ ]
```

- 4 Press [Enter] in **[Enter New Password]** and **[Confirm New Password]**.



```
XXXXXXXXXXXXXXXX-XXXXX
Enter Current Password [ **** ]
Enter New Password [ ]
Confirm New Password [ ]
```

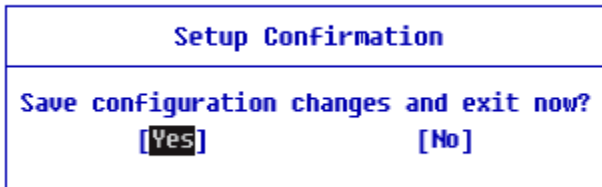
- 5 When the **Notice** screen appears, press the [Enter] key.



```
Notice
Please power off and restart!
[OK]
```

- 6 To save the changes in the system setup, press [F10].

- 7 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.

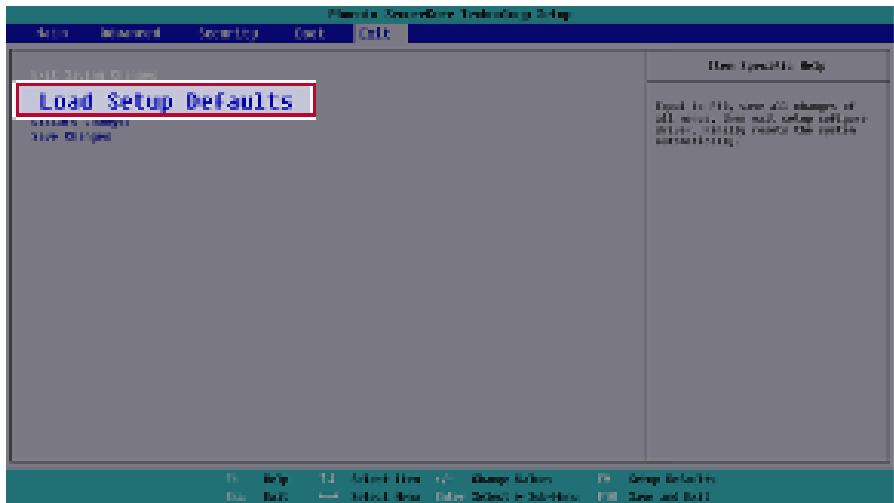


## Restoring the Factory Default Settings

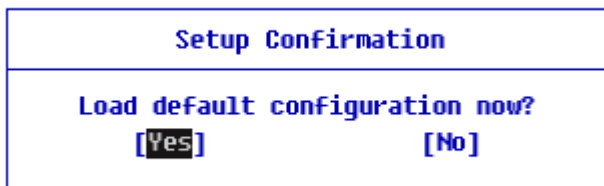
If you have changed the system setup by mistake, you can restore the default settings.

The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.

- 1 After opening the system setup screen, use the arrow keys to move to **[Exit]**.
- 2 Click **[Load Setup Defaults]** by using the arrow keys and pressing **[Enter]**.

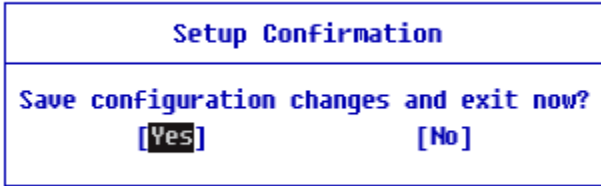


- 3 When the **Setup Confirmation** screen appears, check **[Yes]** and press the **[Enter]** key. The settings will be reset to the factory default.



- 4 To save the changes in system setup, press **[F10]**.

- 5 When the **Setup Confirmation** screen appears, check **[Yes]** and press the **[Enter]** key. The PC will restart.



 **TIP**

" When you press **[F9]**, you can use **[Load Setup Defaults]**.

## Changing the Boot Order

The user can change the boot order according to his or her needs, or select a boot device

**The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.**



**TIP**

To use the system setup (F2), booting device selection (F10), you need to restart the system (click **[Restart]** in the system power menu) and then immediately press the corresponding function key due to the fast booting speed.

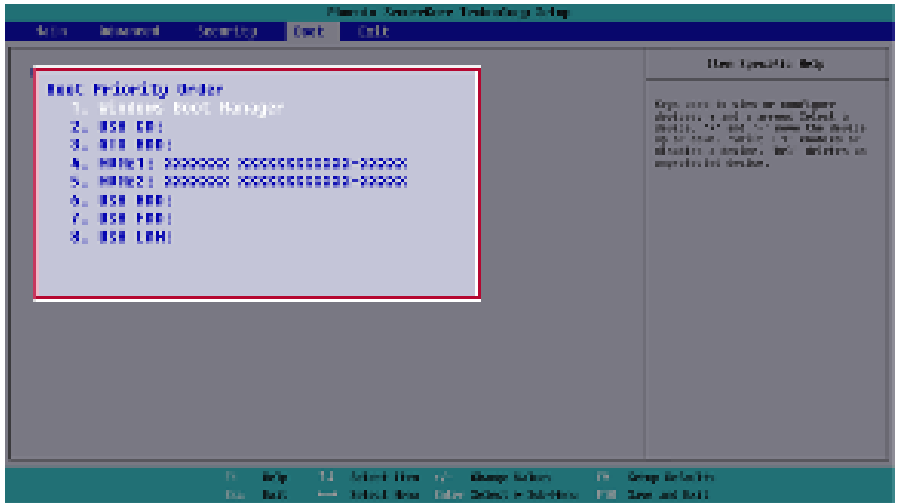
### Changing the Boot Order

- 1 Reboot the system and press [F2].

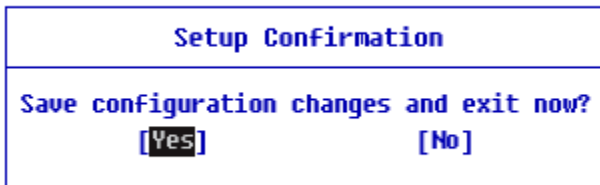


- 2 Move to the **[Boot]** menu when the system setup screen appears.

- 3 Go to **[Boot Priority Order]** and press **[F5]** or **[F6]** to change the booting order.



- 4 Press the **[F10]** key, and when the **Setup Confirmation** screen appears, select **[Yes]** and press the **[Enter]** key.



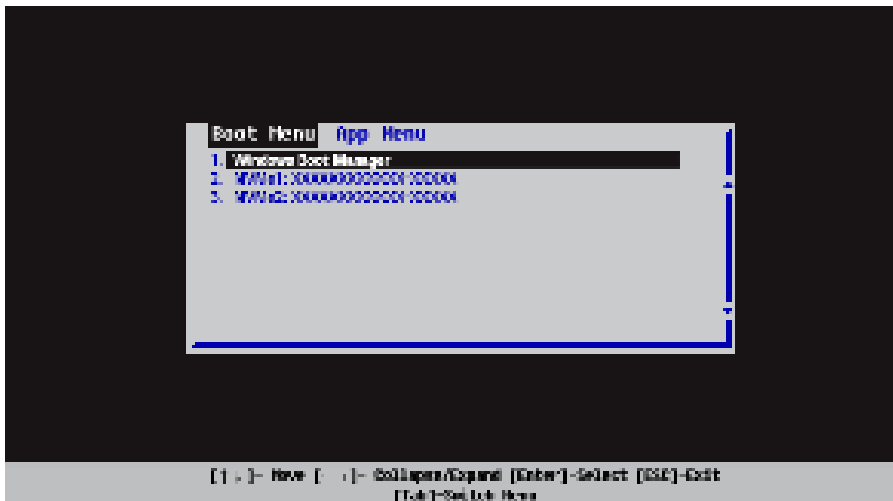
- 5 The changes are saved and the system reboots.

## Selecting a Booting Device to Use

- 1 Reboot the system and press [F10].



- 2 When the Select Booting Device screen appears, select the device.



- 3 Boots using the selected device.


## Setting Auto Scaling

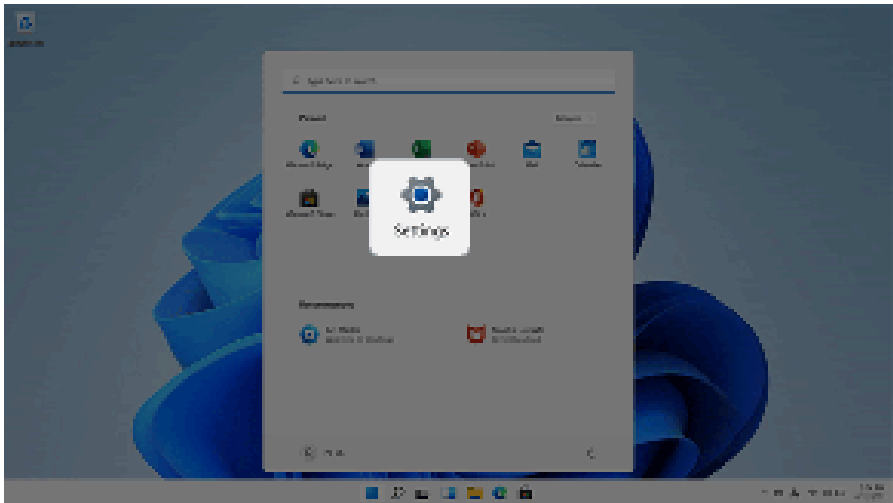
The Windows **Auto Scaling** feature for user's convenience may partially blur the screen or display some icons and texts larger.

Refer to the following information to change the DPI scaling to suit your needs.

- 1 Select the Start button [  ] > [Settings].

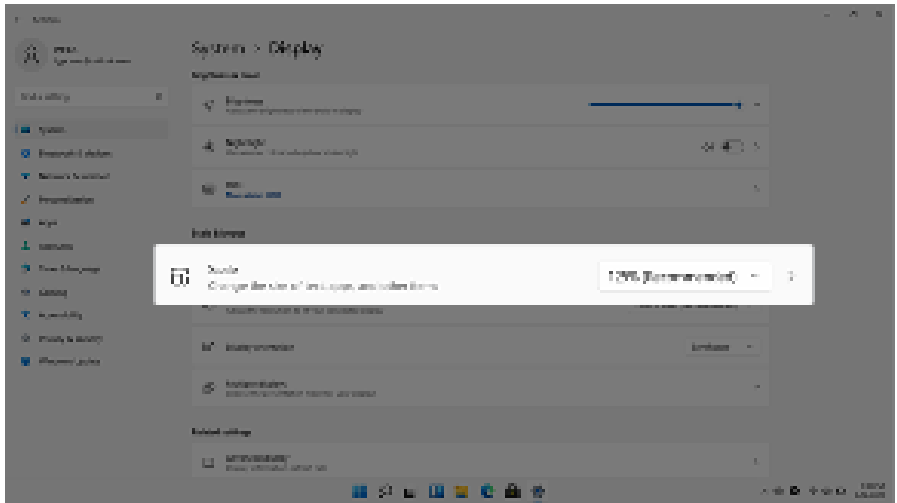


Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [System] > [Display].

### 3 Changing the [Scale] item value changes the auto scaling settings.




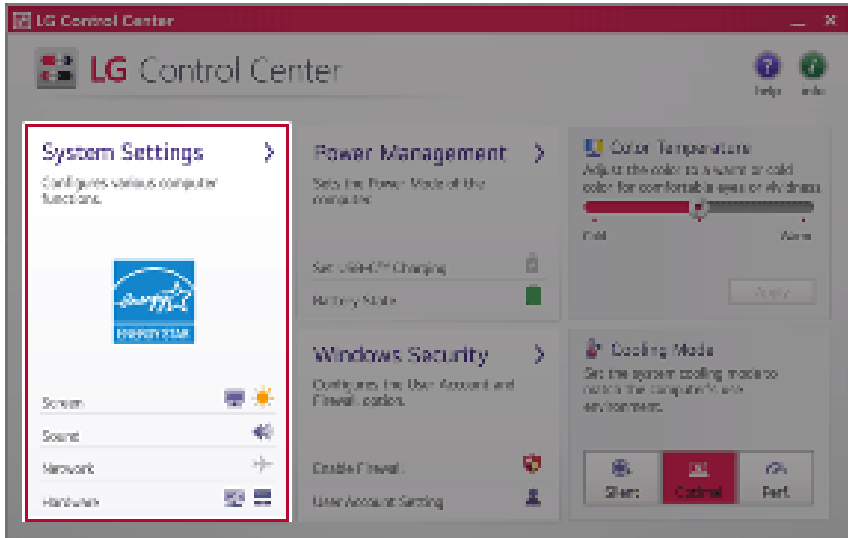
#### TIP

After changing the Auto Scaling settings, some apps must be shut down and restarted for the scaling and layout to take effect.

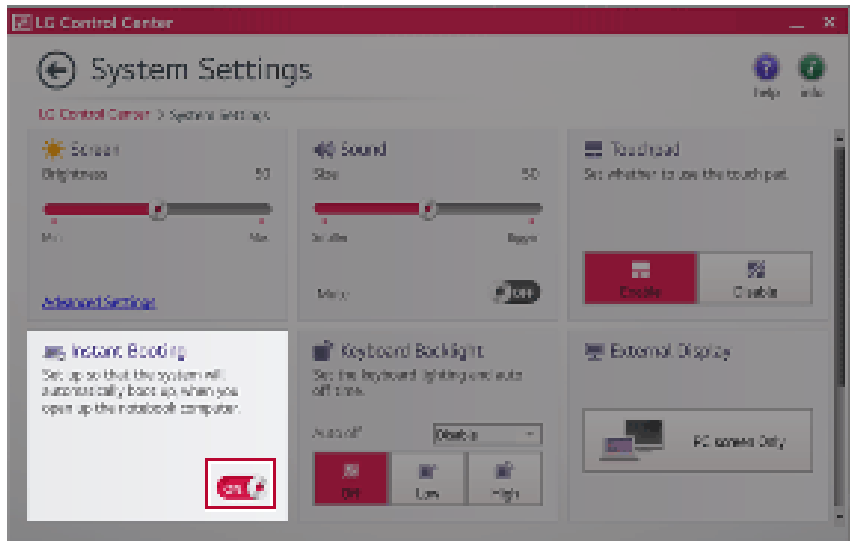
## Using Instant Booting

**Instant Booting** allows the system to boot automatically when the notebook PC cover is opened, so that you can use the system without pressing the power button.

- 1 Select the Start button [  ] > [All apps] > [LG Software] and run [LG Control Center].
- 2 On the **LG Control Center** screen, select the [System Settings] menu.



- 3 Set **[Instant Booting]** to **[ON]**.




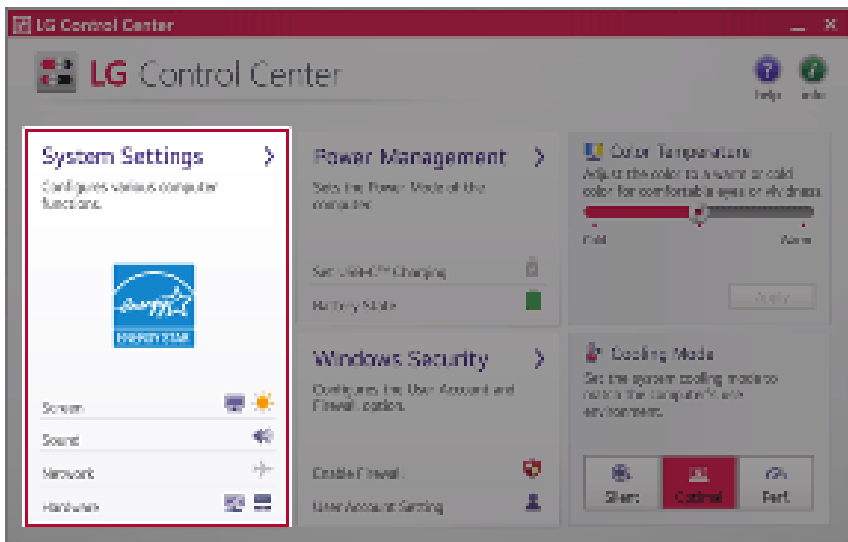
- 4 Shutdown the system and close the notebook PC cover.
- 5 When the cover is opened, the notebook PC turns on and the system starts to boot automatically.

# FAQ

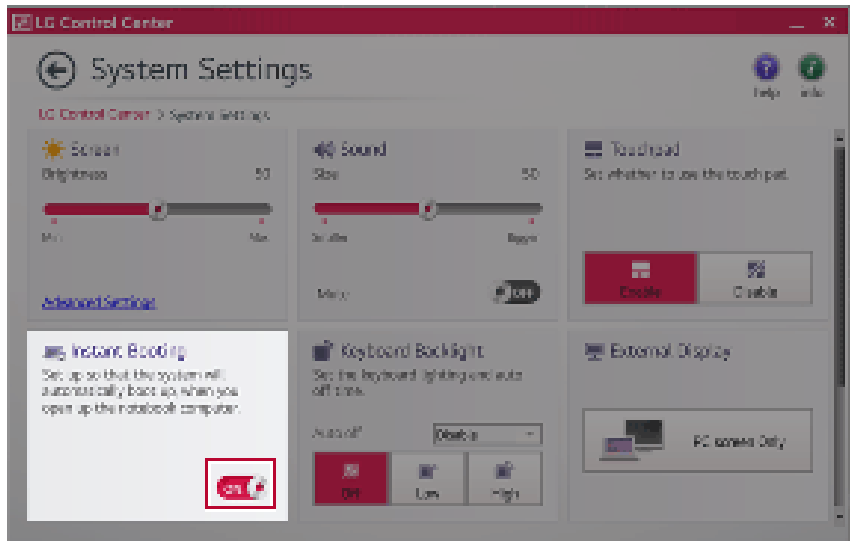
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- 1 Select the Start button [  ] > [All apps] > [LG Software] and run [LG Control Center].
- 2 On the **LG Control Center** screen, select the [System Settings] menu.



- 3 Set **[Instant Booting]** to **[ON]**.



- 4 Shutdown the system and close the notebook PC cover.
- 5 When the cover is opened, the notebook PC turns on and the system starts to boot automatically.


## Setting Auto Scaling

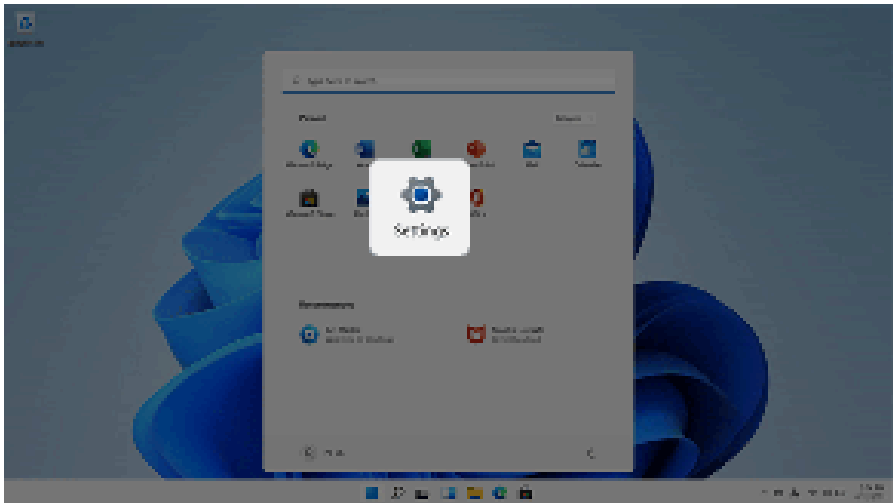
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Refer to the following information to change the DPI scaling to suit your needs.

- 1 Select the Start button [  ] > [Settings].

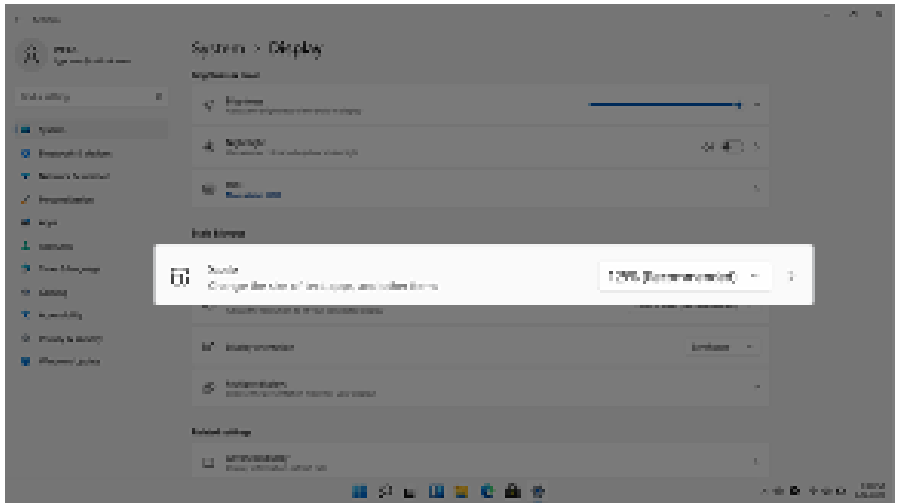


Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [System] > [Display].

### 3 Changing the [Scale] item value changes the auto scaling settings.

**TIP**

After changing the Auto Scaling settings, some apps must be shut down and restarted for the scaling and layout to take effect.

## Restoring the System

If the system has an error, you can use Windows' recovery function to recover or restore the system to its initial pre-purchase state.



### CAUTION


If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

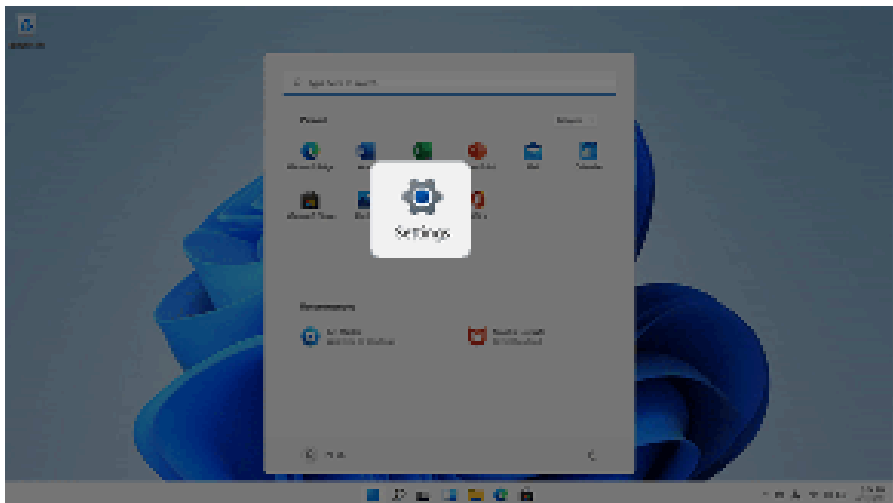
To recover the system, the AC adapter must be connected.

- 1 Select the Start button [  ] > [Settings].

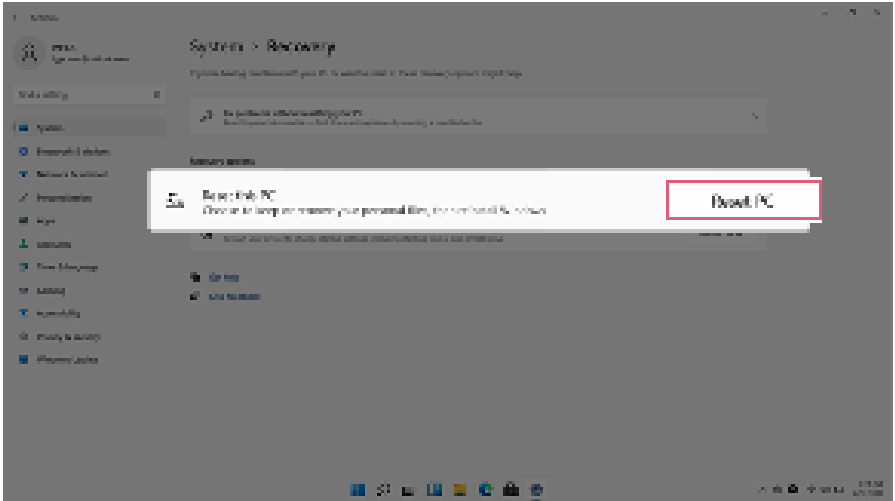


### TIP

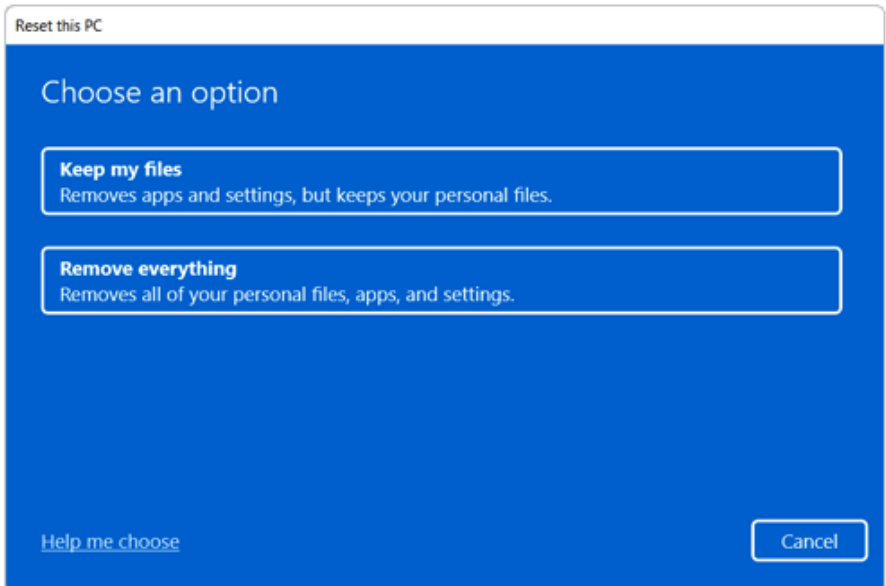
Press the [  ] key or [Ctrl] + [Esc] on the keyboard to display the Start screen.



- 2 Select [Reset PC] in [System] > [Recovery] > [Reset this PC].



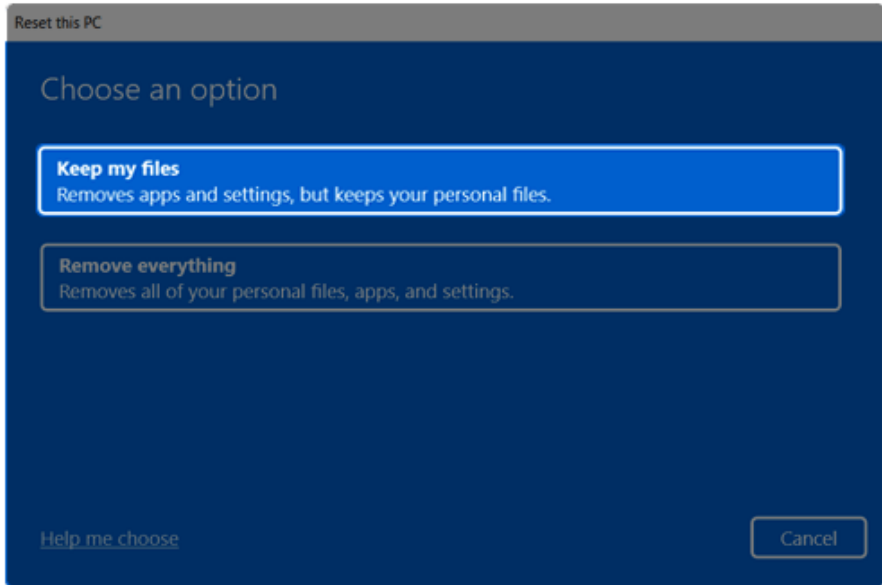
- 3 Select the options you want to proceed with the recovery.



## Keep My Files

It removes the apps and their settings without loss of personal files.

- 1 Select [Keep my files].



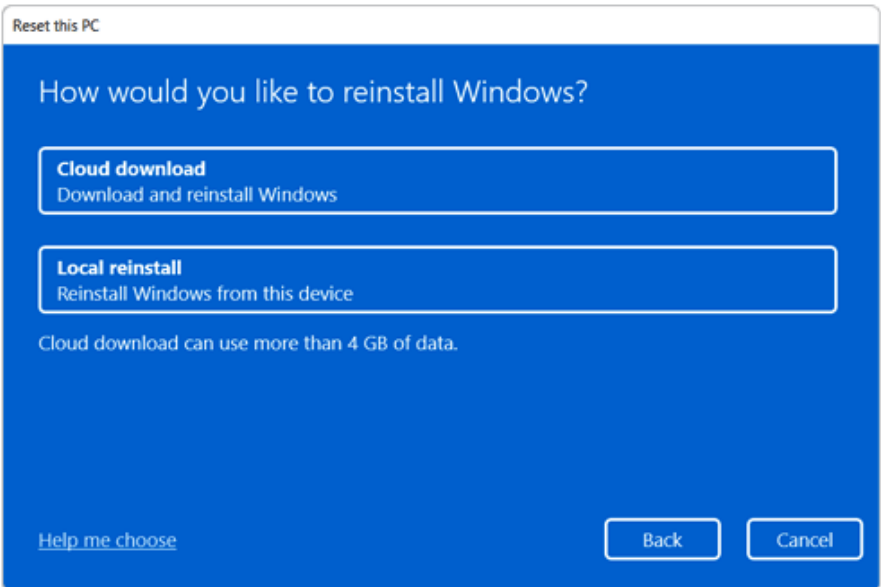
## 2 Select How to Reinstall Windows.

### TIP

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

**[Cloud download]** is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

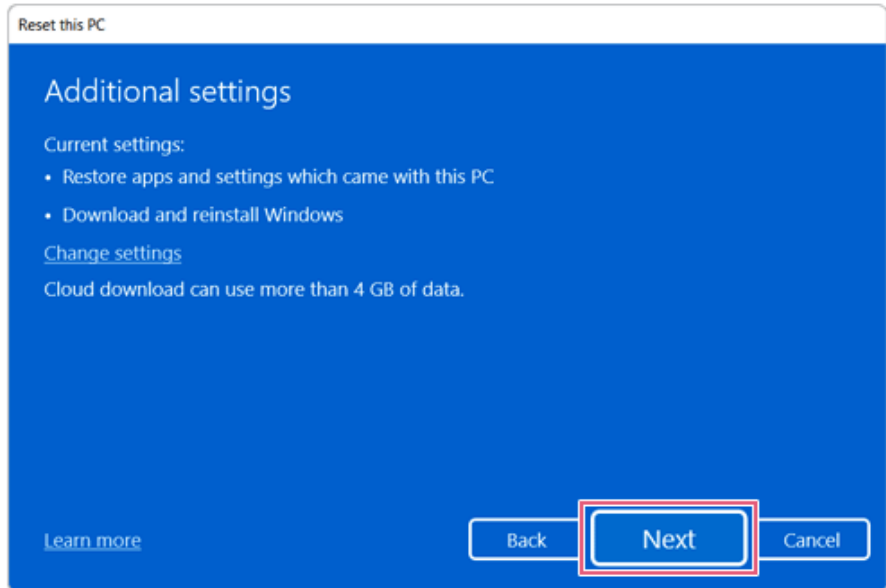
The required time may vary depending on the Internet speed.



- 3 Check the current settings and click [Next] to perform the recovery according to the instructions.

 **TIP**

If you need to change the settings, click [Change settings] and change the settings.



### Remove everything

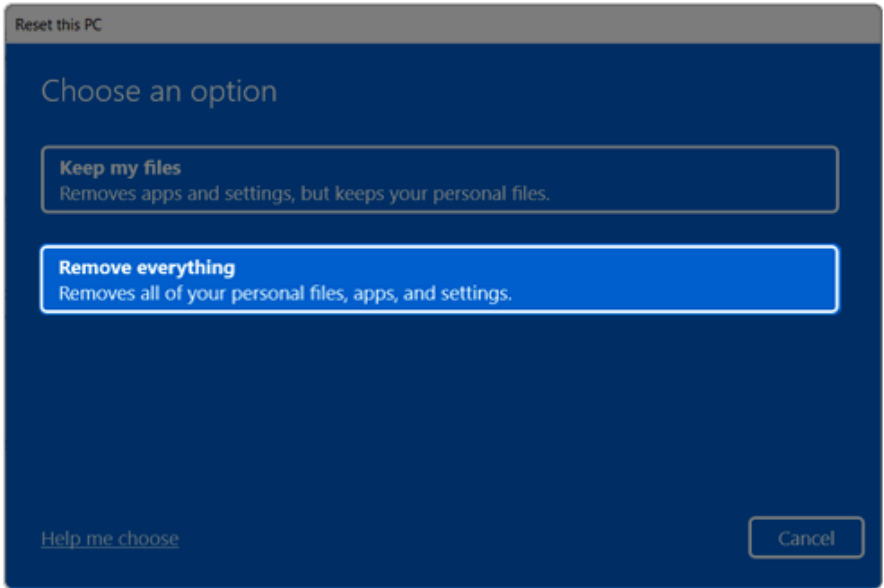
Removes all items from the system and restores the system to its initial pre-purchase state.



**CAUTION**

All data is lost during the initialization, so you must backup all critical data in advance. It may take about 5 hours or longer depending on the system conditions.

- 1 Select [Remove everything].



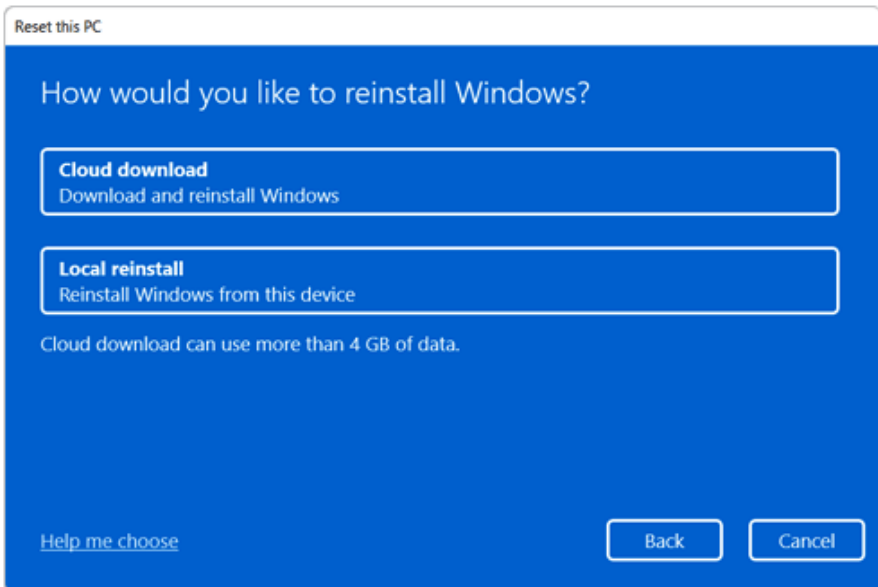
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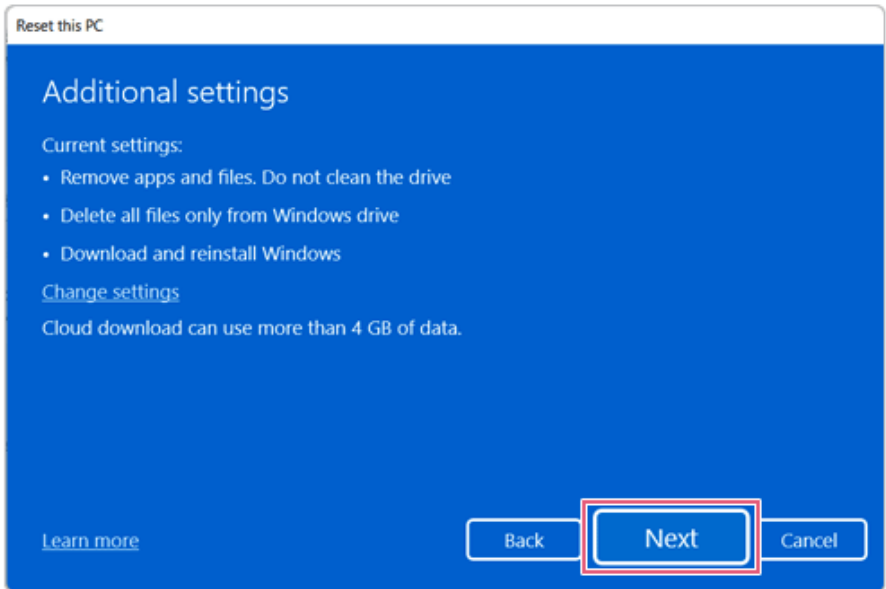
The required time may vary depending on the Internet speed.



- 3 Check the current settings and click [Next] to perform the recovery according to the instructions.

**TIP**

If you need to change the settings, click [Change settings] and change the settings.



## Connecting to External Display

### Connecting to the HDMI Port

HDMI is a multimedia interface that can integrate and transmit video and audio signals.

**In some models, DTS Audio may not work when you use HDMI.**

**TIP**


Ensure the monitor power is off before connecting the external monitor to the PC.

- 1 Connect the HDMI cable to the PC and the external device (TV, monitor) that supports HDMI.
- 2 HDMI port transfers both video and audio simultaneously. Hence, there is no need for a separate audio connection.



- 3 On the PC, press [Fn] + [F7] to display monitor (projector) toggling screen. Select the desired screen output.

**TIP**

" Everytime [  ] + [P] keys are pressed, the screen output option changes. Release the keys to display the selected screen output.

**CAUTION**

- " If you do not set Speaker as the default value after disconnecting the HDMI cable, the system may not produce any sound.
- " If a program was running already, you must exit and restart the program to produce sound.

## Using a Wired/Wireless Router

A wireless / regular router connects several PCs and mobile devices to one internet line and enables the use of internet and the network.

**A wireless / regular router has to be bought separately. Refer to the manual provided by the manufacturer for instructions.**

### Connecting a Wireless or Regular Router

If one internet line is used with a wired / wireless router and several devices are connected, this may result in a slower connection.

In case of a wireless LAN, it is recommended to change the network name and security settings for a more secure connection.

**Network speed can differ according to operation environment and specifications.**

- 1 Connect the internet cable of the modem that was provided by your internet provider to the router's WAN port.
- 2 Connect all devices (PC, IPTV, internet phone, etc.) with a LAN cable to LAN ports 1 to 4 of the router.  
**The number of LAN ports can vary for each router model.**
- 3 Please refer to the manual provided by the router manufacturer for setup of the network and internet.

## Wireless LAN

The wireless network (Wireless LAN) is the network environment that connects a PC with the internet provider or company network through an Access Point (wireless or regular router).

### Turning On/Off Airplane Mode

Prior to using the wireless LAN, press [Fn] + [F6] to turn off **Airplane Mode**.

Pressing [Fn] + [F6] keys will turn on or off the **Airplane Mode**. If you are not going to use the product for a while, keep the **Airplane Mode** turned on to reduce the battery power consumption.

### Using the Wireless LAN

If an Access Point (wired or wireless router) is in the vicinity of the PC, the wireless LAN can easily be accessed.

**When searching for a wireless LAN, multiple Access Points may be discovered depending on the location of use.**

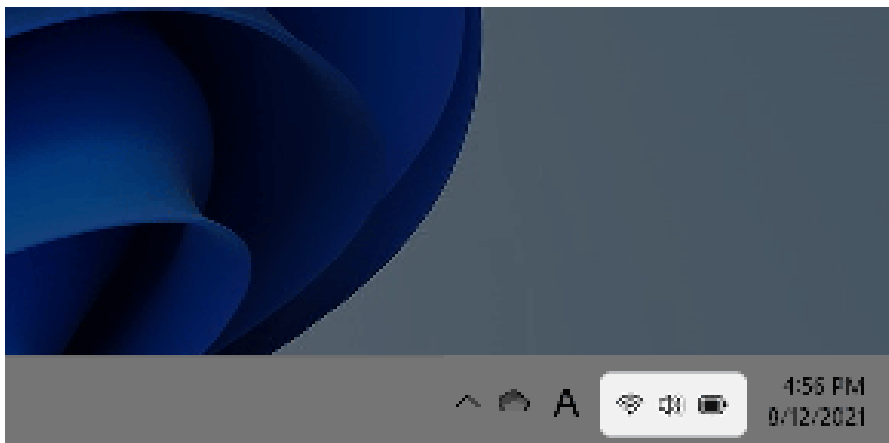
**In case no accessible wireless LAN is near the PC, no Access Point might be found.**

**A password-protected Access Point cannot be accessed without the correct password.**

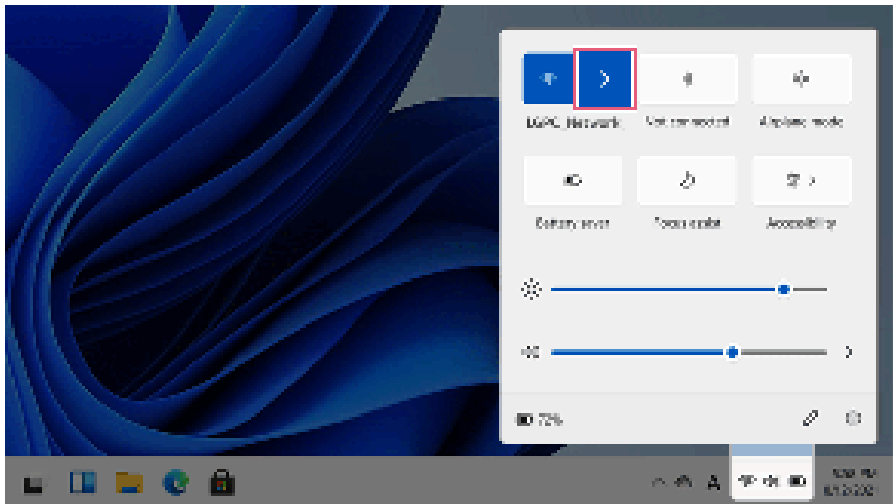
- 1 Select **[Quick Settings]** on the right side of the taskbar.

**TIP**

The displayed icons may differ from the figures herein.

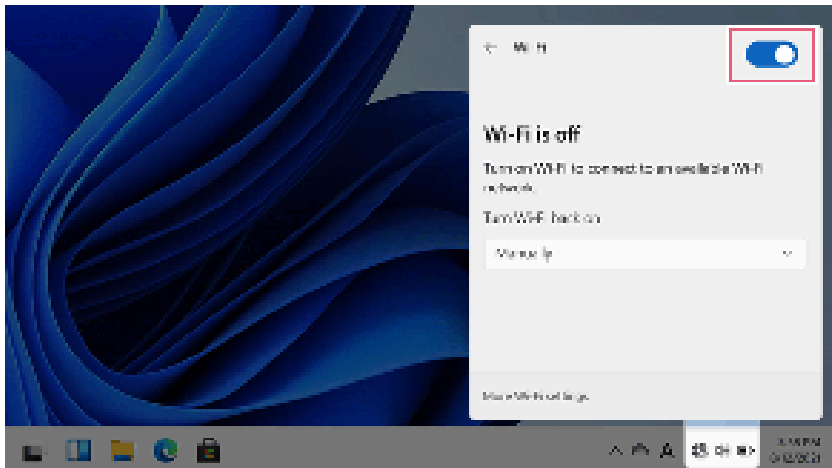


- 2 Select **Manage Wi-Fi Connections** [ > ] to search for near Access Point.

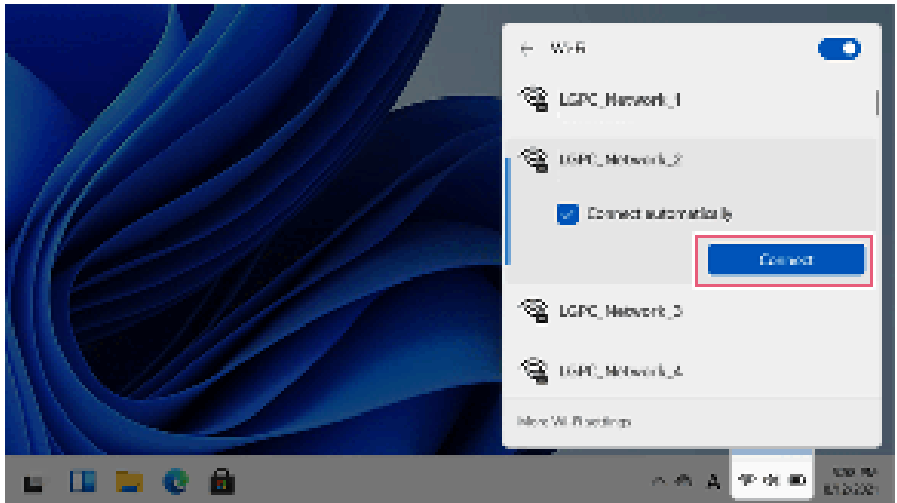


TIP

When **Wi-Fi** is turned off, set [Wi-Fi] to On.



- 3 Select the Access Point you want to connect to and press [Connect].



- 4 If a connection is established, [Connected] appears below the Access Point name.
- 5 Click the Web Browser icon to check whether the internet is operating normally.