LG
Life's Good

LG EASY GUIDE

NOTEBOOK

14Z90N Series

www.lg.com
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ENGLISH

Introduction / Important Safety Precautions

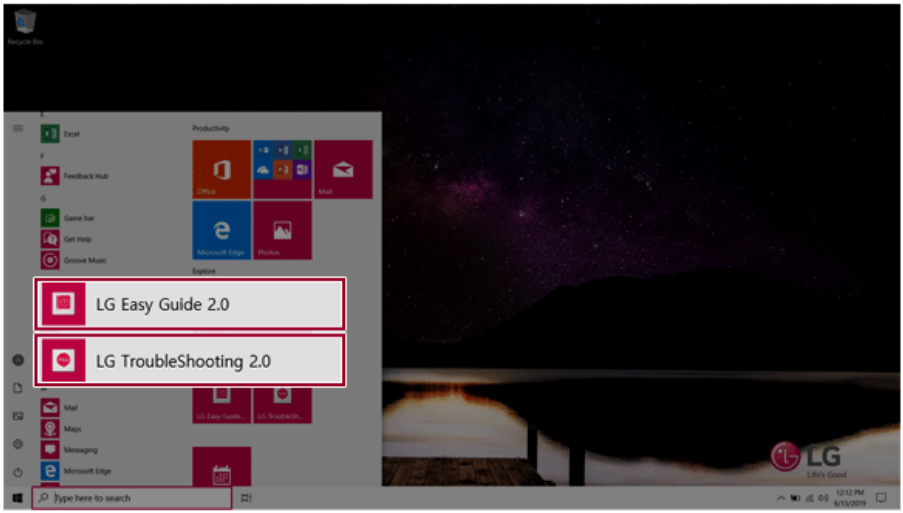
Using **LG Easy Guide, LG TroubleShooting**

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.

TIP

LG Easy Guide and **LG TroubleShooting** are provided with the UWP app and they can be downloaded again on the **Microsoft Store** if they are deleted. If you want to download the files again, connect to the **Microsoft Store**, search for the files and install them.

- Press the [ ] button to run **[LG Easy Guide 2.0]** or **[LG TroubleShooting 2.0]**.



Information/Precautions Before Using

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

- This **LG Easy Guide** has been written for the Windows 10 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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SS	The SuperSpeed USB Trident logo is a registered trademark of USB Implementers Forum, Inc.



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

The illustrated figures in **LG Easy Guide** may differ in appearance with the actual products.

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Country of Origin	China
Manufacturer	LG Electronics Inc.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.

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.

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. **100 GB Storage Device (HDD, SSD, eMMC): 100,000 MB / 1,000 Bytes = 100 GB**
Windows	Windows use the binary definition of 1 KB = 1,024 Bytes. **100 GB Storage Device (HDD, SSD, eMMC): 100,000 MB / 1,024 Bytes = 97.6 GB**

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.

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.



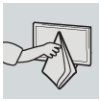
Do not impose excessive force on the LCD screen or drop it.

- 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.



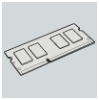
Avoid using a wireless LAN connection within the 16 foot radius of a microwave or plasma lamp. If you have to use wireless LAN and a plasma bulb within the range, do so between channels 11 and 13.

- 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 dissemble 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



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.

- Keep the battery at the room temperature. Refer to Tips in **LG Easy Guide** and **Installation Guide** to use and store the battery properly.



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.



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.



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

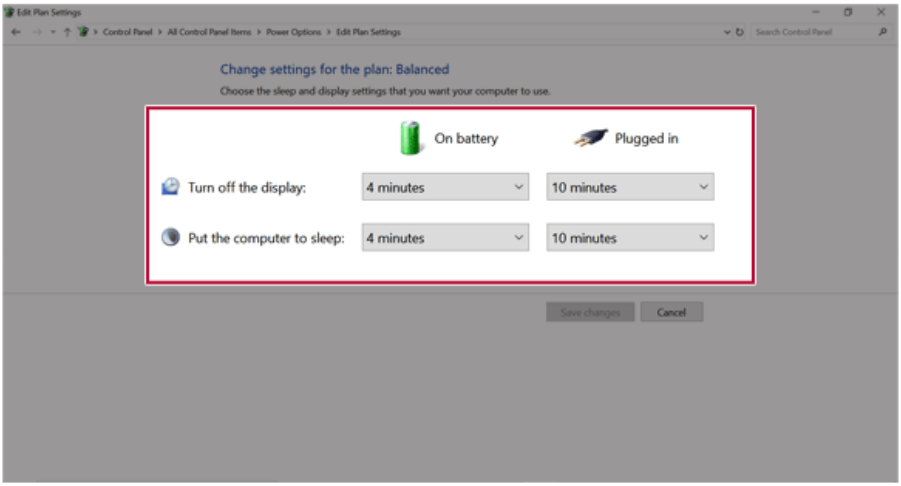
- LG Electronics Inc. participates in ENERGY STAR® and the energy efficiency of this product complies with the specifications of ENERGY STAR®.
- ENERGY STAR® is a set of regulations that encourages manufacturers of electronic devices to create more energy efficient products.
- The energy consumption of this product was decreased along with the cost. Also, it helps preserve natural resources.
- This PC includes the following power management functions.
  - Turn off the display: When you don't use the PC for up to 15 minutes.
  - Sleep after: When you don't use the PC for up to 30 minutes.
- 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.

ENGLISH

Regulatory Notices

European Union Notice

CE

[ENGLISH]

Hereby, LG Electronics declares that the radio equipment type PC is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:

http://www.lg.com/global/support/cedoc/cedoc#

The use of the 5150 – 5350 MHz band is restricted to indoor use only.
This restriction exists in the countries Spain (ES), Portugal (PT), United Kingdom (UK), Poland (PL), Italy (IT), Germany (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
The Netherlands

[ESPAÑOL]

Por la presente, LG Electronics declara que el tipo de equipo de radio ordenador cumple con la Directiva 2014/53/UE.
El texto completo de la declaración de conformidad con la legislación de la Unión Europea está disponible en el siguiente sitio web:

http://www.lg.com/global/support/cedoc/cedoc#

El uso de la banda de 5150 a 5350 MHz está restringido a uso en interiores.
Esta restricción se aplica a los siguientes países: España (ES), Portugal (PT), Reino Unido (UK), Polonia (PL), Italia (IT), Alemania (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
Países Bajos

[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.lg.com/global/support/cedoc/cedoc#

A utilização da banda 5150 – 5350 MHz está limitada a espaços interiores.
Esta restrição existe nos seguintes países: Espanha (ES), Portugal (PT), Reino Unido (UK), Polónia (PL), Itália (IT), Alemanha (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
Países Baixos

[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.lg.com/global/support/cedoc/cedoc#

Korzystanie z pasma 5150–5350 MHz jest ograniczone wyłącznie do użytku w pomieszczeniach.
To ograniczenie występuje w Hiszpanii (ES), Portugalii (PT), Wielka Brytanii (UK), Polsce (PL) i Włochy (IT), Niemcy (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
Holandia

[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.lg.com/global/support/cedoc/cedoc#

L'uso della banda 5150 – 5350 MHz è limitato all'uso esclusivamente in ambienti interni.
Questa limitazione è presente in Spagna (ES), Portogallo (PT), Regno Unito (UK), Polonia (PL), Italia (IT), Germania (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
Paesi Bassi

[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.lg.com/global/support/cedoc/cedoc#

Das Frequenzband 5150 – 5350 MHz ist beschränkt auf die Benutzung in Innenräumen.
Diese Beschränkung besteht in den Ländern Spanien (ES), Portugal (PT), Vereinigtes Königreich (UK), Polen (PL), Italien (IT), Deutschland (DE).

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
Niederlande

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(В)**	**Input AC frequency Hz(Гц)**	**Output voltage V(В)**	**Output current A**	**Output power W(Вт)**	**Average active efficiency %**	**Efficiency at low load (10 %) %**	**No-load power consumption W(Вт)**
Manufacturer; LG Electronics Inc. **Commercial registration number;** 107-86-14075 **Address;** LG Twin Towers, 128 Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Korea	ADS-48MS-19-2 19048E	100-240	50-60	19.0	2.53	48.07	89.0	83.4	0.07

	English	German	Italian	Polish	Protuguese	Spanish
(1)	**Manufacturer's name or trade mark, commercial registration number and address**	Name oder Handelsmarke des Herstellers, Handelsregisternummer und Anschrifte	Nome o marchio del fabbricante, numero di iscrizione nel registro delle imprese e indirizzo del fabbricante	Nazwa lub znak towarowy producenta, numer rejestru handlowego i adres	Marca comercial ou nome, número de registo comercial e endereço do fabricante	Nombre o marca, número del registro mercantil y dirección del fabricante
(2)	**Model identifier**	Modellkennung	Identificativo del modello	Identyfikator modelu	Identificador do modelo	Identificador del modelo
(3)	**Input voltage V(В)**	Eingangsspannung	Tensione di ingresso	Napięcie wejściowe	Tensão de entrada	Tensión de entrada
(4)	**Input AC frequency Hz(Гц)**	Eingangswechselstrom-fre-quenz	Frequenza di ingresso CA	Wejściowa częstotliwość prądu przemiennego	Frequência da alimentação de CA	Frecuencia de la CA de entrada
(5)	**Output voltage V(В)**	Ausgangsspannung	Tensione di uscita	Napięcie wyjściowe	Tensão de saída	Tensión de salida
(6)	**Output current A**	Ausgangsstrom	Corrente di uscita	Prąd wyjściowy	Corrente de saída	Intensidad de salida
(7)	**Output power W(Вт)**	Ausgangsleistung	Potenza di uscita	Moc wyjściowa	Potência de saída	Potencia de salida
(8)	**Average active efficiency %**	Durchschnittliche Effizienz im Betrieb	Rendimento medio in modo attivo	Średnia sprawność podczas pracy	Eficiência média no modo ativo	Eficiencia media en activo
(9)	**Efficiency at low load (10 %) %**	Effizienz bei geringer Last (10 %)	Rendimento a basso carico (10 %)	Sprawność przy niskim obciążeniu (10 %)	Eficiência a carga baixa (10%)	Eficiencia a baja carga (10 %).
(10)	**No-load power consumption W(Вт)**	Leistungsaufnahme bei Nulllast	Potenza assorbita nella condizione a vuoto	Zużycie energii w stanie bez obciążenia	Consumo energético em vazio	Consumo eléctrico en vacío

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 on the body is less than 2W/kg (10g)

Brazil Notice

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

SAFETY REGULATION NOTICE

Battery

If the backup battery is incorrectly replaced, there is danger of explosion.
The lithium battery contains lithium and can explode if it is not properly handled or disposed of replace only with a battery of the type recommended by LG

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 or 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 authority to operate the equipment.

FCC Radio Frequency Interference Requirements (for UNII devices)

High power radars are allocated as primary users of the 5.25 to 5.35 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 (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 have 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 OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules(<1.6W/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 undesired 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 have 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 OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules(<1.6W/kg).

WARNING

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

i. 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;
ii. 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 e.i.r.p. limit;
iii. 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.r.p. limits as appropriate; and
iv. [for devices operating in the band 5250-5350 MHz having an e.i.r.p. greater than 200 mW] antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 of RSS-247 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 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avis d'Industrie Canada

[Pour la fonction sans fil (WLAN, Bluetooth, etc.)]
L'émetteur/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. Rien ne prouve cependant que ces 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 niveau n'ont révélé aucun effet biologique. Certaines d'entre elles ont sous-entendu qu'il pourrait y avoir de tels effets, mais leurs résultats n'ont pas été confirmés par des recherches supplémentaires. Les modèles suivants ont été testés et se sont avérés conformes aux limites d'exposition aux rayonnements définies par la FCC et IC pour l'environnement non contrôlé; ils répondent aux règles sur l'exposition aux rayonnements RF (radiofréquence) de la FCC et à celles de la norme RSS-102 d'IC.

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 p.i.r.e;
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 p.i.r.e. spécifiée, selon le cas;
iv. [pour des dispositifs fonctionnant dans la bande de 5 250 à 5 350 MHz ayant une p.i.r.e. de plus de 200 mW] , les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la CNR-247 section 6.2.2.3, 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(W52/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OFDM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、下記連絡先にご連絡頂き、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：

LG Electronics Japan（株）カスタマーセンター

固定電話から **0120-813-023**（フリーダイヤル）

携帯電話・PHSから **0570-200-980**（ナビダイヤル）

IP電話などからフリーダイヤル、ナビダイヤルがご利用いただけない場合は

TEL：03-5675-7323　FAX：03-5675-7335

受付時間　09:00~18:00（年末年始および当社指定日を除く）

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

T D180132003　　R 003-180233



- 貴重な金属を再利用し、地球環境を守るために、不要になった電池は廃棄せず、充電式電池リサイクル協力店へお持ち下さい。
- 最寄のリサイクル協力店へ詳細は、一般社団法人ＪＢＲＣのホームページをご参照ください。
ホームページ：http://www.jbrc.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NCC低功率電波輻射性電機管理辦法 規定

1) 第十二條　經型式認證合格之低功率射頻電機，非經許可，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。

2) 第十四條　低功率射頻電機之使用不得影響飛航安全或干擾合法通信；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 。
前項合法通信，指依電信法規定作業之無線電通信 。
低功率射頻電機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 'LG 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 LG vendor or a corporate representative of LG.
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.lg.com/global/sustainability/environment/take-back-recycling.jsp

[DEUTSCH]

Informationen zur Erhaltung der Umwelt

Im Jahr 1994 verkündete LGE die 'LG Declaration for a Cleaner Environment' (LG Erklärung für eine sauberere Umwelt). Seitdem dient dieses Ideal als führendes 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 ausgerichtet, unserem Konzept bezüglich Umweltfreundlichkeit gerecht zu werden.
Wir sind darauf bedacht, den Anteil der in unseren Produkten enthaltenen schädlichen Materialien zu minimieren. So ist in unseren produkt beispielsweise kein Kadmium 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.
Bei LGE werden alle ausrangierten produkt in einem unter umweltbezogenen Aspekten geeigneten Verfahren recycelt. Augenblicklich sind weltweit mehrere Rücknahme- und Recyclingsysteme 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 LGHändler oder einen Unternehmensvertreter von LG.
Wir richten unsere Firmenpolitik auf eine sauberere Umwelt hin aus, indem wir umweltspezifische Aspekte als wichtigen Punkt in die Weiterentwicklung unseres Unternehmens einfließen lassen.
Zusätzliche Informationen über unsere 'grüne' Firmenpolitik erhalten Sie auf unserer Website.
http://www.lg.com/global/sustainability/environment/take-back-recycling.jsp

[FRANÇAIS]

Information sur la protection del'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 économiques et sociaux de nos activités, tout en respectant l'environnement.
Nous encourageons les activités en faveur de la préservation de l'environnement et c'est 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 produit.

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 produit en fin de cycle conformément à une méthode de recyclage respectueuse de l'environnement. Nous reprenons 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 LG 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 visite à notre site : http://www.lg.com/global/sustainability/environment/take-back-recycling.jsp

[ITALIANO]

Informazioni per la tutela dell'ambiente

La LGE ha annunciato nel 1994 la cosiddetta 'LG Declaration for a Cleaner Environment' (Dichiarazione di LG a favore di un ambiente più pulito), un ideale che da allora funge da principio ispiratore della gestione aziendale. La dichiarazione rappresenta il fondamento che consente di intraprendere attività a favore dell'ambiente tenendo conto degli aspetti economici, ambientali e sociali.Noi 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 prodotto 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 prodotto 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 riutilizzati 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 LG o ad un rappresentante aziendale della LG.
Noi della LG impostiamo la nostra visione e le nostre politiche a favore di un mondo più pulito ponendo la questione dell'ambiente dal punto di vista globale come una mansione rivolta al miglioramento della nostra azienda. Vi invitiamo a visitare il nostro sito internet per ulteriori informazioni sulla nostra politica "verde".
http://www.lg.com/global/sustainability/environment/take-back-recycling.jsp

[ESPAÑOL]

Información para la conservación medioambiental

LGE presentó la 'Declaración para un entorno más limpio de LG' en 1994 y este ideal ha servido para guiar nuestros principios empresariales desde entonces. La Declaración es la base que nos ha permitido llevar a cabo tareas que respetan el medio ambiente siempre teniendo en cuenta aspectos sociales, económicos y medioambientales.
Promocionamos 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 producto.

Información para el reciclaje

Este producto puede contener piezas que entrañen riesgos medioambientales. Es importante reciclar este producto después de su utilización.
LGE. trata todos los producto 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 muchas de las piezas, mientras que las sustancias dañinas y los metales pesados se tratan siguiendo un método que no perjudique al medio ambiente. Si desea obtener más información acerca del programa de reciclaje, póngase en contacto con su proveedor local de LG o con un representante empresarial de nuestra marca.
Basamos nuestra visión y nuestras políticas en un mundo más limpio y para ellos optamos por un entorno global como tarea principal de nuestra evolución como empresa. Visite nuestra página Web para obtener más información sobre nuestras políticas ecológicas.
http://www.lg.com/global/sustainability/environment/take-back-recycling.jsp

[PORTUGUÊS]

Informações relacionadas à preservação ambiental

A LGE anunciou a 'LG Declaration for a Cleaner Environment' (Declaração da LG para um ambiente mais limpo) em 1994 e esse ideal tem servido desde então como um princípio administrativo de orientação. A Declaração é a base que nos tem permitido realizar atividades favoráveis ao ambiente com consideração atenta aos aspectos econômicos, ambientais e sociais.
Promovemos atividades de preservação ambiental e desenvolvemos nossos produtos para englobar especificamente o conceito de favorável ao ambiente. Reduzimos os materiais perigosos contidos em nossos produtos. Por exemplo, não há cádmio em nossos produto.

Informações relacionadas à reciclagem

Este produto pode conter peças que podem representar riscos ao ambiente. É importante que ele seja reciclado após o uso.
A LGE cuida de todos os produto descartados através de um método de reciclagem agradável 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 LG local ou com um representante corporativo da LG.
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.lg.com/global/sustainability/environment/take-back-recycling.jsp

[NEDERLANDS]

Informatie met betrekking tot het behoud van het milieu

LGE publiceerde in 1994 de 'LG Declaration for a Cleaner Environment' (de LG-verklaring met betrekking tot een schoner milieu). Deze verklaring en het ideaal van een schoner milieu fungeren sindsdien als een bestuurlijke leidraad voor onze onderneming. Op basis van deze verklaring ontplooien wij milieuvriendelijke activiteiten, waarbij er zowel met sociale en economische aspecten, als met milieuaspecten 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 verwerkt in onze product.

Informatie met betrekking tot recycling

Deze product bevat materialen die schadelijk zouden kunnen zijn voor het milieu. Het is belangrijk dat deze product aan het einde van zijn levensduur wordt gerecycled.
LGE verwerkt alle afval product via een milieuvriendelijke recyclingmethode. Hiervoor worden er momenteel wereldwijd verscheidene inname- en recyclingsystemen gehanteerd. Een groot aantal onderdelen wordt opnieuw gebruikt en gerecycled, waarbij schadelijke stoffen en zware metalen volgens een milieuvriendelijke methode worden verwerkt.
Voor meer informatie over ons recyclingprogramma kunt u contact opnemen met uw plaatselijke LGvertegenwoordiger of een LG-vestiging.
Onze visie en ons beleid met betrekking tot een schonere wereld vloeien voort uit het feit dat wij het milieu hebben aangemerkt als een onderwerp dat speciale aandacht verdient binnen onze onderneming. Bezoek onze website voor meer informatie over ons 'groene' beleid.
http://www.lg.com/global/sustainability/environment/take-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 основным принципом управления. На основе этой декларации мы смогли предпринять действия, обеспечивающие безопасность окружающей среды, уделяя при этом должное внимание экономическим, экологическим и социальным аспектам.
Мы стимулируем деятельность по охране окружающей среды, уделяя особое внимание разработке нашей продукции в соответствии с концепцией экологической безопасности.
Мы сводим к минимуму содержание опасных веществ в нашей продукции. Например, в наших продукт 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 все бракованные продукт с помощью экологически приемлемого метода утилизации отходов. По всему миру действуют системы утилизации отходов и возврата использованной продукции. Многие компоненты будут вторично использованы и утилизированы, в то время как вредные вещества и тяжелые металлы будут обработаны с помощью экологически приемлемого метода.
За более подробной информацией по нашей программе утилизации отходов обращайтесь к местному поставщику или представителю корпорации LG.
Мы ориентируемся на обеспечение экологической безопасности, ставя себе целью глобальную защиту окружающей среды. Дополнительную информацию о нашей политике по охране окружающей среды вы можете найти на нашем сайте:
http://www.lg.com/global/sustainability/environment/take-back-recycling.jsp

UKRAINE only

Обмеження України на наявність небезпечних речовин

Устаткування відповідає вимогам технічного регламету щодо обмеженного використання небезпечних речовин в електричному і електронному обладнанні.

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.

GREEN MARK (for Japan)



本製品は、日本工業規格（JIS C0950:2008）における「電気・電子機器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
基準値以下に管理された製品あるため、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サイトをご覧下さい。
Webサイト：
http://www.lg.com/jp/eco/j-moss

PACKING INFORMATION (CUSTOMS UNION)

Русский



Символ «петля Мебиуса» указывает на возможность утилизации упаковки. Символ может быть дополнен обозначением материала упаковки в виде цифрового и/или буквенного обозначения.

Қазақша



Символ қаптаманы жою мүмкіндігін көрсетеді. Символ сандық код және/немесе әріп белгілері түріндегі қаптама материалының белгісімен толықтырылуы мүмкін.

WEEE



ENGLISH

Disposal of your old appliance

1 This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.

2 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. 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 limited resources.

3 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.com/global/recycling*

ITALIANO

Smaltimento delle apparecchiature obsolete

1 Tutte le apparecchiature elettriche ed elettroniche, contrassegnate da questo simbolo ("bidone della spazzatura dell'acquisto di una nuova apparecchiatura equivalente. Gli utenti finali domestici possono inoltre consegnare gratuitamente apparecchiature elettriche ed elettroniche di piccolissime dimensioni (non eccedenti i 25 cm) a fine vita direttamente presso un punto vendita a ciò abilitato, senza obbligo di acquistare una apparecchiatura nuova di tipo equivalente. Si prega di informarsi previamente presso il punto vendita prescelto circa tale ultima 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 elettriche ed elettroniche da parte 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, contattare l'ufficio del comune di residenza, il servizio di smaltimento rifiuti o il punto vendita in cui è stato acquistato il prodotto. (*www.lg.com/global/recycling*)

FRANÇAIS

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 ordures ménagères. Il doit faire l'objet d'un tri et d'une collecte sélective séparée.

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 rapporter votre appareil au commerçant qui vous l'a vendu ou contacter votre collectivité locale pour connaitre les points de collecte de votre EEE. Vous trouverez également des informations à jour concernant votre pays en allant sur *http://www.quefairedemesdechets.fr*

SVENSKA

Kassera den gamla apparaten

1 Den överkorsade soptunnesymbolen indikerar att elektroniskt och elektrickt avfall (WEEE) ska kasseras separat från hushållsavfallet och lämnas in till av kommunen anvisat ställe för återvinning.

2 Gamla elektroniska och elektriska produkter kan innehålla farliga substanser så korrekt avfallshantering av produkten förhindrar negativa konsekvenser för miljön och den mänskliga hälsan. Din gamla apparat kan innehålla återanvändningsbara delar som används för att reparera andra produkter och andra värdefulla material som kan återvinnas för att spara begränsade resurser.

3 Du kan ta din gamla apparat till butiken där du köpte produkten, eller kontakta din kommun för information om närmaste WEEE-uppsamlingsställe. För den mest uppdateade informationen i ditt land, gå till *www.lg.com/global/recycling*

NEDERLANDS

Verwijdering van uw oude apparaat

1 Dit symbool van de doorgekruiste vuilnisbak geeft aan dat

SUOMI

Vanhan laitteesi hävittäminen

1 Tämä ylirastitettu jäteastian merkki ilmaisee, että sähkö- ja elektronikkalaitteiden jätteet (WEEE) tulee pitää erillään kotitalousjätteestä ja viedä kunnalliseen kierrätyskeskukseen.
2 Vanhat sähkötuotteet voivat pitää sisällään vaarallisia aineita, joten loppuun käytetyn laitteen oikea hävittäminen ehkäisee ympäristö- ja terveyshaittoja. Vanha laitteesi saattaa pitää sisällään uudelleen käytettäviä osia, joita voidaan käyttää korjaamaan muita tuotteita sekä arvokkaita materiaaleja, joita voidaan kierrättää rajoitettujen resurssien säästämiseksi.
3 Voit viedä laitteesi joko liikkeeseen, josta hankit laitteen, tai ottaa yhteyttä paikallishallintosi ympäristötoimistoon koskien lähintä valtuutettua WEEE -keräyspistettä. Kaikkein viimeisimmät tiedot koskien maatasi, ks. osoitteessa *www.lg.com/global/recycling*

DEUTSCH

Entsorgung Ihrer Altgeräte

1 Das durchgestrichene Symbol eines fahrbaren Abfallbehälters weist darauf hin, dass Elektro- und Elektronik-Produkte (WEEE) getrennt vom Hausmüll entsorgt werden müssen.
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 ausgedienten Geräte können wiederverwendbare Teile enthalten, mit denen möglicherweise andere Produkte repariert werden können, aber auch sonstige wertvolle Materialien enthalten, die zur Schonung knapper Ressourcen recycelt werden können.
3 Sie können Ihr Gerät entweder in den Laden zurückbringen, in dem Sie das Produkt ursprünglich erworben haben oder Sie kontaktieren Ihre Gemeindeabfallstelle für Informationen über die nächstgelegene autorisierte WEEE Sammelstelle. Die aktuellsten Informationen für Ihr Land finden Sie unter *www.lg.com/global/recycling*

DANSK

Bortskaffelse af dit gamle apparat

1 Dette symbol med en affaldsspand med kryds over angiver at elektrisk og elektronisk affald (WEEE) skal bortskaffes og genbruges korrekt, adskilt fra kommunens husholdningsaffald.
2 Gamle elektriske produkter kan indeholde farlige stoffer, så når du bortskaffer dit gamle apparat på korrekt vis, hjælper du med at forhindre mulige negative konsekvenser 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 tage apparatet til den butik hvor du købte det, eller kontakte dit lokale affaldskontor angående oplysninger om det nærmeste, autoriserede WEEE-samlepunkt. Find de sidste afgedankte 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 gebruikt zouden kunnen worden voor het repareren van andere producten, en andere waardevolle materialen die kunnen worden gerecycleerd voor het behoud van beperkte grondstoffen.
3 U kunt uw apparaat meenemen naar de winkel waar u het product hebt gekocht, of u kunt contact opnemen met uw plaatselijke afvalinstantie voor de gegevens van uw dichtstbijzijnde geautoriseerde WEEE-verzamelpunt. Voor de meest geactualiseerde informatie voor uw land wordt verwezen naar *www.lg.com/global/recycling*

ΕΛΛΗΝΙΚΑ

Απόρριψη της παλιάς σας συσκευής

1 Αυτό το διαγραμμένο σύμβολο του τροχοφόρου κάδου υποδεικνύει ότι τα απόβλητα ηλεκτρικών και ηλεκτρονικών προϊόντων (AHHE) πρέπει να απορρίπτονται χωριστά από τα γενικά οικιακά απορρίμματα.
2 Τα παλιά ηλεκτρικά προϊόντα μπορεί να περιέχουν επικίνδυνες ουσίες και ως εκ τούτου η σωστή απόρριψη της παλιάς σας συσκευής αποτρέπει ενδεχόμενες αρνητικές συνέπειες για το περιβάλλον και την ανθρώπινη υγεία. Η παλιά σας συσκευή μπορεί να περιέχει επαναχρησιμοποιήσιμα ανταλλακτικά που θα μπορούσαν να χρησιμοποιηθούν για την επισκευή άλλων προϊόντων, καθώς και άλλα υλικά αξίας που μπορούν να ανακυκλωθούν για εξοικονόμηση των περιορισμένων φυσικών πόρων.
3 Μπορείτε να πάτε τη συσκευή σας, είτε στο κατάστημα από το οποίο αγοράσατε το προϊόν, ή να επικοινωνήσετε το τοπικό γραφείο απορριμμάτων για λεπτομέρειες σχετικά με το πλησιέστερο εγκεκριμένο σημείο συλλογής AHHE (Απόβλητα Ηλεκτρικών και Ηλεκτρονικών Συσκευών). Για τις πιο πρόσφατες πληροφορίες για τη χώρα σας επισκεφθείτε τη διεύθυνση *www.lg.com/global/recycling*

ESPAÑOL

Símbolo para marcar AEE

1 El símbolo del contenedor de basura tachado con un aspa indica que la recogida separada de aparatos eléctricos y electrónicos (AEE) debe realizarse de manera separada.
2 Los productos eléctricos antiguos pueden contener sustancias peligrosas de modo que la correcta eliminación del antiguo aparato ayudará a evitar posibles consecuencias negativas para el medio ambiente y para la salud humana. El antiguo aparato puede contener piezas reutilizables que podrían utilizarse para reparar otros productos y otros materiales valiosos que pueden reciclarse para conservar los recursos limitados.
3 Puede llevar el aparato a cualquiera de los centros autorizados

nye oplysninger for dit land på *www.lg.com/global/recycling*

SLOVENČINA

Zneškodnenie starého spotrebiča

1 Tento symbol prečiarknutého odpadkového koša na kolieskach znamená, že odpad z elektrických a elektronických zariadení (WEEE) musí byť zneškodnený samostatne od komunálneho odpadu.
2 Staré elektrické produkty môžu obsahovať nebezpečné latky, preto správne zneškodnenie vášho starého spotrebiča pomôže zabrániť potenciálnym negatívnym dopadom na prostredie a ľudské zdravie. Váš starý spotrebič môže obsahovať diely, ktoré možno opätovne použiť na opravu iných produktov, a iné cenné materiály, ktoré možno recyklovať s cieľom chrániť obmedzené zdroje.
3 Svoj spotrebič môžete zaniesť do predajne, kde ste produkt zakúpili, alebo sa môžete obrátiť na oddelenie odpadov miestnej samosprávy a požiadať o informácie o najbližšom zbernom mieste odpadu z elektrických a elektronických zariadení (WEEE). Najnovšie informácie platné pre vašu krajinu nájdete na stránke *www.lg.com/global/recycling*

ČESKY

Likvidace starého přístroje

1 Tento symbol přeškrtnutého koše značí, že odpad z elektrických a elektronických výrobků (WEEE) je nutné likvidovat odděleně od linky komunálního odpadu.
2 Staré elektrické výrobky mohou obsahovat nebezpečné látky, takže správná likvidace 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.
3 Přístroj můžete zanést buď do obchodu, kde jste ho zakoupili nebo se obrátit na místní správu komunálních odpadů, kde získáte podrobné informace o autorizovaném sběrném místě WEEE. Pro poslední aktuální informace z vaší země si prosím prostudujte web *www.lg.com/global/recycling*

HRVATSKI

Zbrinjavanje starog uređaja

1 Ovaj simbol prekrižene kante za smeće na kotačićima označava kako se otpadni električni i električni proizvodi (WEEE) moraju zbrinjavati odvojeno od komunalnog otpada.
2 Dotrajali električni proizvodi mogu sadržavati opasne tvari stoga će ispravno zbirnjavanje vaših dotrajalih uređaja pomoći u sprječavanju potencijalnih negativnih posljedica na okoliš i ljudsko zdravlje. Vaš dotrajao uređaj može sadržavati dijelove koji se mogu ponovo iskoristiti za popravak drugih proizvoda te druge vrijedne materijale koji se mogu reciklirati i tako sačuvati ograničene resurse.
3 Ovisno o razini smetnje / štete i dobi stavke, stari proizvodi mogu se popraviti za više radnog života koji će spriječiti izbjeći otpada.

para su recogida. Para obtener la información más actualizada para su país por favor visite *www.lg.com/global/recycling*

PORTUGUÊS

Eliminação do seu aparelho usado

1 Este símbolo de um caixote do lixo com rodas e linhas cruzadas sobrepostas indica que os resíduos de produtos elétricos e eletrónicos (WEEE) devem ser eliminados separadamente do lixo doméstico.
2 Os produtos elétricos usados podem conter substâncias perigosas, pelo que, a eliminação correta do seu aparelho usado pode contribuir para evitar potenciais danos para o ambiente e saúde humana. O seu aparelho usado pode conter peças reutilizáveis que podem ser usadas para reparar outros aparelhos e materiais úteis que podem ser reciclados para preservar os recursos limitados.
3 Pode levar o seu aparelho à loja onde o adquiriu ou contactar a sua entidade local de recolha e tratamento de resíduos para obter mais informações sobre o ponto de recolha WEEE

MAGYAR

A régi készülék ártalmatlanítása

1 A leselejtezett elektromos és elektronikai termékeket a háztartási hulladéktól elkülönítve kell begyűjteni, a jogszabályok által kijelölt módon és helyen.
2 Régi készülékeinek megfelelő leselejtezése segíthet megelőzni az esetleges egészségre vagy környezetre ártalmas hatásokat.
3 Ha további információra van szüksége régi készülékeinek leselejtezésével kapcsolatban, lépjen kapcsolatba velünk a *szelektalok.hu* oldalon ahol tájékoztatjuk Önt visszavételi, átvételi, gyűjtési és kezelési kötelezettségeinkről.

POLSKI

Utylizacja starego urządzenia

1 Symbol przekreślonego pojemnika na odpady na kółkach oznacza, że produkty elektryczne lub elektroniczne (WEEE) należy zutylizować poza obiegiem odpadów komunalnych.
2 Stare produkty elektroniczne mogą zawierać niebezpieczne substancje. Właściwa utylizacja starego urządzenia pozwoli uniknąć potencjalnych negatywnych skutków dla środowiska i zdrowia. Stare urządzenie może zawierać części wielokrotnego użytku, które mogą zostać wykorzystane do naprawy innych produktów lub inne wartościowe materiały, które można przetworzyć, aby oszczędzać zasoby naturalne.
3 Możesz zanieść urządzenie do sklepu, w którym zostało kupione lub skontaktować się z lokalnym urzędem gospodarki odpadami, aby uzyskać informacje o najbliższym punkcie zbiórki WEEE. Aby uzyskać aktualne informacje z zakresu gospodarki odpadami obowiązującej w Twoim kraju, odwiedź stronę *http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe* (plik PDF : „For more information about how to recycle LG products in your country".

Proizvodi koji nisu prikladni za ponovnu uporabu može se reciklirati da se oporavim vrijedne resurse i pomoći da se smanji globalno potrošnju novih sirovina.

4 Uređaj možete odjnjeti u trgovinu u kojoj ste kupili proizvod ili možete kontaktirati ured za zbrinjavanje otpada kod vaših mjesnih nadležnih tijela te od njih saznati više informacija o najbližem ovlaštenom WEEE sabirnom centru. Za najnovije informacije iz vaše države molimo pogledajte internetske stranice *www.lg.com/global/recycling*

LATVIEŠU

Jūsu vecās ierīces likvidēšana

1 Šis simbols – pārsvītrota atkritumu tvertne uz riteņiem – norāda, ka elektrisko un elektronisko iekārtu atkritumi (EEĻA) jālikvidē atsevišķi no sadzīves atkritumu plūsmas.

2 Veci elektriskie izstrādājumi var saturēt bīstamas vielas, tādēļ jūsu vecās ierīces pareiza likvidēšana palīdzēs novērst iespējamās negatīvās sekas videi un cilvēka veselībai. Jūsu vecā ierīce var saturēt vairākkārt izmantojamas detaļas, kuras var izmantot citu izstrādājumu remontam, un citus vērtīgus materiālus, kurus var pārstrādāt, tādējādi saglabājot ierobežotus resursus.

3 Jūs varat aiznest ierīci vai nu uz veikalu, kurā šo izstrādājumu iegādājieties, vai sazināties ar vietējās pašvaldības atkritumu savākšanas iestādi un uzzināt sīkāku informāciju par tuvāko oficiālo EEIA savākšanas punktu. Jaunāko informāciju par savu valsti skatiet vietnē *www.lg.com/global/recycling*

LIETUVIŲ K.

Seno prietaiso utilizavimas

1 Išbrauktos šiukšlių dėžės simbolis rodo, kad elektros ir elektronikos įrangos atliekos (EĮA) turėtų būti utilizuojamos atskirai nuo komunalinių atliekų.

2 Senoje elektrinėje įrangoje gali būti pavojingų medžiagų, taigi tinkamas seno prietaiso utilizavimas padės apsisaugoti nuo galimų neigiamų pasekmių aplinkai ir žmonių sveikatai. Jūsų sename prietaise gali būti dalių, kurias galima panaudoti dar kartą taisant kitą įrangą ir kitų vertingų medžiagų, kurios gali būti perdirbamos siekiant tausoti ribotus išteklius.

3 Savo prietaisą galite nugabenti į parduotuvę, kurioje įrangą įsigijote, arba susisiekite su vietos valdžios atliekų tarnyba norėdami gauti artimiausio EĮA surinkimo vietos informaciją. Norėdami gauti daugiau informacijos savo šalyje, apsilankykite *www.lg.com/global/recycling*

TÜRKÇE

Eski cihazınızın atılması

1 Tüm elektrikli ve elektronik atıklar, devlet ya da yerel yetkililer tarafından belirlenen toplama merkezlerinde ayrı olarak imha edilmelidir. Atık eletrikli ve elektronik aletler belediyeler tarafından kurulan toplama noktalarına teslim edilmeli veya aldığınız yeni ürünü satıcınız adresinize teslim ederken, satıcınızdan atık

EESTI

Teie vana seadme hävitamine

1 Läbitõmmatud ristiga prügikasti sümbol tähendab, et elektriliste ja elektrooniliste toodete (WEEE) jäätmeid tuleb olmeprügist eraldi hävitada.

2 Vanad elektriseadmed võivad sisaldada ohtlikke koostisosi, seega aitab prügi nõuetekohane hävitamine vältida võimalikku negatiivset mõju loodusele ja inimeste tervisele. Teie kasutatud seade võib sisaldada taaskasutatavaid osi, millega saab parandada teisi seadmeid ning muid väärtuslikke materjale, mida saab taaskasutada, et säilitada piiratud ressursse.

3 Saate viia oma seadme kas kauplusse, kust see on ostetud või võtta ühendust kohaliku prügiveo ettevõttega, et saada lisainfot oma lähima WEEE jäätmete kogumiskoha kohta. Kõige ajakohasemat infot oma riigi kohta vaadake *www.lg.com/global/recycling*

БЪЛГАРСКИ

Изхвърляне на стария уред

1 Символът със зачертания контейнер показва, че отпадъците от електрическите и електронните продукти (WEEE) трябва да се изхвърлят отделно от битовите отпадъци.

2 Старите електрически продукти могат да съдържат опасни вещества и правилното изхвърляне на Вашия уред ще помогне за предотвратяване на негативните последствия за околната среда и човешкото здраве. Вашият стар уред може да съдържа части за многократна употреба, които биха могли да бъдат използвани за ремонт на други продукти, както и други ценни материали, които могат да бъдат рециклирани с цел запазване на ограничените ресурси.

3 Можете да занесете Вашия уред или в магазина, от който сте го закупили или можете да се свържете с местния държавен офис за отпадъците, за да получите информация за най-близкия РАЗРЕШЕН WEEE пункт за събиране на отпадъци. За най-актуална информация от Вашата държава, моля, погледнете тук: *www.lg.com/global/recycling*

ROMÂNĂ

Eliminarea aparatului vechi

1 Simbolul de pubelă indică faptul că deşeurile electrice şi electronice (WEEE) trebuie eliminate separat de celelalte deşeuri.

2 Produsele electrice şi electronice vechi conţin substanţe periculoase. Astfel, prin eliminarea corespunzătoare veţi contribui la prevenirea deteriorării mediului înconjurător şi al sănătăţii umane. Este posibil ca dispozitivul dvs. vechi să conţină piese componente, care pot fi folosite pentru repararea altor produse sau materiale importante care pot fi reciclate în scopul economisirii resurselor limitate.

3 Dispozitivul vechi poate fi returnat magazinului de unde a fost achiziţionat, sau puteţi contacta firma responsabilă pentru eliminarea deşeurilor, în scopul aflării locaţiei unităţii autorizate

elektrikli ve elektronik aletinizi teslim almasını istemelisiniz.
2 Atık ürünün doğru imhası çevre ve insan sağlığı üzerindeki potansiyel olumsuz sonuçların engellenmesine yardımcı olacaktır.
3 Eski ürününüzün imhası hakkında daha fazla bilgi için lütfen belediyeniz ya da ürünü aldığını mağaza ile iletişime geçiniz.
4 AEEE Yönetmeliğine Uygundur.
5 Bu işareti içeren ürünler tehlikeli madde içerebilir. Ürünler içerisindeki tehlikeli maddeler çevre kirlenmesine veya yaralanma/ ölüme sebebiyet verebilir. (*www.lg.com/global/recycling*)

SLOVENŠČINA

Odstranjevanje vašega starega aparata

1 Na izdelku prečrtan simbol smetnjaka opozarja, da je treba odpadne električne in elektronske izdelke (OEEI) odstranjevati ločeno od ostalih komunalnih odpadkov.
2 Odpadni električni izdelki lahko vsebujejo nevarne snovi, zato s pravilnim odstranjevanjem starega aparata pripomorete k preprečevanju morebitnih negativnih vplivov na okolje in zdravje ljudi. Vaš stari aparat lahko vsebuje dele, ki bi jih bilo mogoče uporabiti za popravilo drugih izdelkov, in druge dragocene materiale, ki jih je mogoče reciklirati in s tem ohranjati omejene vire.
3 Vaš aparat lahko odnesete bodisi v trgovino, kjer ste kupili ta izdelek, ali pa se obrnite na lokalni urad za odstranjevanje odpadkov glede podrobnosti o najbližjem pooblaščenem zbirnem mestu za OEEI. Za najnovejše informacije za vašo državo si oglejte *www.lg.com/global/recycling*

SRPSKI

Odlaganje starog aparata

1 Ovaj simbol precrtana kanta za smeće pokazuje da električni i elektronski otpad (WEEE) treba da se odlaže odvojeno od običnog komunalnog otpada.
2 Stari električni aparati mogu da sadrže otrovne supstance, tako da će pravilno odlaganje Vašeg starog aparata pomoći sprečavanju pojave negativnih posledica po životnu sredinu i zdravlje ljudi. Vaš stari aparat može da sadrži delove za višekratnu upotrebu koji se mogu koristiti za zamenu drugih proizvoda i druge vredne materijale koji se mogu reciklirati radi očuvanja ograničenih resursa.
3 Vaš aparat možete da odnesete u radnju gde ste ga kupili ili da kontaktirate lokalnu vladinu kancelariju za otpad kako biste dobili informaciju o najbližoj autorizovanoj WEEE stanici za odlaganje ovog otpada. Za najnovije informacije za Vašu zemlju, molimo Vas da pogledate web stranicu *www.lg.com/global/recycling*

pentru reciclarea deşeurilor electrice şi electronice (WEEE). Pentru informaţii mereu actualizate şi referitoare la ţara dvs. vă rugăm vizitaţi pagina web *www.lg.com/global/recycling*

NORSK

Avhending av gamle apparater

1 Dette symbolet av en utkrysset avfallsdunk indikerer at kasserte elektriske og elektroniske produkter (WEEE) skal kastes separat fra husholdningsavfall og leveres til den kommunale resirkulering.
2 Gamle elektriske produkter kan inneholde farlige stoffer, så korrekt avfallshåndtering av det gamle apparatet bidrar til å hindre potensielt negative konsekvenser for miljøet og andres helse. Gamle apparater kan inneholde gjenbrukbare deler som kan brukes til å reparere andre produkter og andre verdifulle materialer som kan resirkuleres for å bevare begrensede ressurser.
3 Du kan bringe apparatet enten til butikken der du kjøpte produktet, eller ta kontakt med den lokale myndighetens avfallskontor for informasjon om nærmeste autoriserte innsamlingspunkt for el-avfall (WEEE-avfall). For den mest oppdaterte informasjonen for ditt land, gå til *www.lg.com/global/recycling*

РУССКИЙ

Утилизация старого оборудования

1 Этот перечеркнутый символ мусорной корзины указывает на то, что отработанные электрические и электронные изделий (WEEE) следует утилизировать отдельно от бытовых отходов.
2 Старые электрические изделия могут содержать опасные вещества, поэтому правильная утилизация старого оборудования поможет предотвратить возможные негативные последствия для окружающей среды и здоровья человека. Старое оборудование может содержать детали, которые могут быть повторно использованы для ремонта других изделий, а также другие ценные материалы, которые можно переработать, чтобы сохранить ограниченные ресурсы.
3 Вы можете отнести свой прибор в магазин, где он был приобретен, либо связаться с органами местного самоуправления для получения подробных сведений о ближайшем пункте приема отходов электрического и электронного оборудования (WEEE). Для получения самой свежей информации относительно вашей страны обращайтесь по адресу: *www.lg.com/global/recycling*

ENVIRONMENTAL INFORMATION

(India region only)



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

1. When this crossed out wheeled bin symbol is depicted on the product and its operator's manual, it means the product is covered by the e-waste Management and Handling Rules, 2011 and are meant to be recycled, dismantled, refurbished or disposed off.
2. Dos
   a. The product is required to be handed over only to the authorized recycler for disposal.
   b. Keep the product in isolated area, after it becomes non-functional/un-repairable so as to prevent its accidental breakage.

Don't

a. The product should not be opened by the user himself/herself, but only by authorized service personnel.
b. The product is not meant for re-sale to any unauthorized agencies/scrap dealer/kabariwalah.
c. The product is not meant for mixing into household waste stream.
d. Do not keep any replaced spare part(s) from the product in exposed area.

3. Any disposal through unauthorized agencies/person will attract action under Environment (Protection) Act 1986.
4. This product is complied with the requirement of Hazardous Substances as specified under Rule 13 (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. 1800-315-9999 / 1800-180-9999 for details. All collection centre and pick up facilities are done by third parties whith LG Electronics India Pvt. Ltd. Merely as a facilitator. For more detailed information, please visit : *http:// www.lge.com/in*.

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



1. .जब इस काटे गए पहिये वाले बिन का चिन्ह किसी उपकरण और इसके ओपेरटर की पुस्तिका के साथ संलग्न होता है तो इसका मतलब है कि इसे "ई-अपशिष्ट "(प्रबंधन और हयालन) नियम २०११ के अंतर्गत सम्मिलित किया गया है , और इसे नवीनीकरणकरन ,विघटन और निपटान के लिए बनाया गया है ।

2. करें :
क . उपकरण को सिर्फ अधिकृत पुनः नवीनीकरणकर्ता को ही निपतारण करने हेतु हस्तांतरित करें ।
ख. जब उपकरण कार्यरत न हो इसे अलग क्षेत्र में रखें ताकि उपकरण से होने वाली दुर्घटनाओ से बचा जा सके ।

न करें :
क. इस उपकरण को स्वयं/खुद नहीं खोलना चाहिए ! उपकरण को केवल अधिकृत अधिकारी के द्वारा ही खोला जाना चाहिए ।
ख. इस उपकरण को पुनः बिक्री के लिए किसी भी कबाड़ीवाला / भंगार-वाला / अनाधिकृत संस्था को न दें ।
ग. इस उपकरण को किसी घरेलू अपशिष्ट सामान के साथ मिलाकर न रखें ।
घ. उपकरण के बदले हुए या आतंरिक पुरजो को खुले क्षेत्र में न रखें ।

3. यदि किसी अनाधिकृत विभाग या व्यक्ति के द्वारा निपटारन किया जाता है तो यह पर्यावरण (सुरक्षा) धारा १९८६ के अंतर्गत आता है ।

4. यह उत्पाद ई-अपशिष्ट (प्रबंधन और हयालन) नियम 2011 के अन्तर्गत 13(1) एवं (2) के तहत निर्दिष्ट खतरनाक पदार्थों की आवश्यकता का पालन करता है

5. उपरोक्त पदार्थों के निपटारन के लिए नजदीकी निपटारन संसथान (संकीर्ण क्षेत्र)में कॉल करें। अधिक जानकारी के लिए हमारे टोल फ्री नंबर **1800-315-9999 / 1800-180-9999** पर कॉल करें. सभी संग्रहण केंद्र व पिक-अप की सुविधाएं किसी थर्ड- पार्टी जो **LG Electronics India Pvt. Ltd.** को अपनी सेवाएं प्रदान कर रही हों, से करवाएं ।
ज्यादा जानकारी के लिए देखें वेब:साईट : http://www.lge.com/in

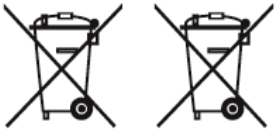
Disconnect Device

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

LG Take-back & Recycling Policy (For USA)

LG Electronics offers a customized 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 product 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 that 0.0005% of mercury, 0.002% of cadmium or 0.004% 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.lg.com/global/sustainability/environment/take-back-recycling/global-network-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, 0,002% di cadmio 0,004% di piombo.
2 Tutte le batterie/accumulatori devono essere smaltiti separatamente dai rifiuti domestici e nei punti di raccolta designati dal governo o dalle autorità locali.
3 Il corretto smaltimento delle vecchie batterie/accumulatori consente di evitare conseguenze potenziali negative per l'ambiente e la salute umana.
4 Per informazioni più dettagliate relative allo smaltimento di vecchie batterie/accumulatori rivolgersi alla propria azienda di servizi ambientali o al servizio di smaltimento del negozio in cui avete acquistato il prodotto. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-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, 0,002% de cadmium ou 0,004% de plomb.
2 Toutes les piles et batteries doivent être collectées séparément et emportées par les services de voierie municipaux vers des intallations 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 bien vouloir vous adresser à votre mairie, au service de la voierie ou au magasin où vous avez acheté le produit. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

DEUTSCH

1 Dieses Symbol kann mit chmeischen Symbolen für Quecksilber (Hg), Kadmium (Cd) oder Blei kombiniert sein, wenn die Batterie mehr als 0,0005 % Quecksilber, 0,002 % Kadmium oder 0,004 % Blei enthält.
2 Alle Batterien/Akkus sollten getrennt vom Hausmüll über die ausgewiesenen Sammelstellen entsorgt werden, die von staatlichen oder regionalen Behörden dazu bestimmt wurden.
3 Die ordnungsgemäße Entsorgung Ihrer alten Batterien/Akkus hilft bei der Vermeidung möglicher negativer Folgen für Mensch, Tier und Umwelt.
4 Beim Wunsch nach ausführlicheren Informationen über die Entsorgung Ihrer alten Batterien/Akkus wenden Sie sich bitte an Ihre Stadt-/ oder Gemeindeverwaltung, die für Sie zuständige Abfallbehörde oder das Geschäft, in dem Sie das Produkt gekauft haben. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-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, 0,002% kadmium eller 0,004% bly.
2 Alla batterier/ackumulatorer skall hanteras åtskiljda från

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

vanligt hushållsavfall och föras till för ändamålet avsedda uppsamlingsplatser utsedda av myndigheterna.
3 Rätt hantering av dina gamla batterier/ackumulatorer medverkar till att förhindra negativa konsekvenser för miljön, och för djurs och människors hälsa.
4 För mer detaljerad information om hanteringen av dina gamla batterier/ackumulatorer ber vi dig ta kontakt med myndigheterna där du bor, eller med affären där du köpt din apparat. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-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 Batterijen en accu's moeten altijd gescheiden van het normale huisvuil worden afgevoerd via door de overheid aangewezen inzamelpunten.
3 Door lege batterijen en accu's op de juiste manier af te voeren, helpt u mogelijke negatieve gevolgen voor het milieu en de gezondheid van mens en dier te voorkomen.
4 Bel voor meer informatie over het afvoeren van lege batterijen en accu's de afdeling Milieudienst van het gemeentehuis van uw woonplaats, het dichtstbijzijnde erkende inleveradres of de winkel waar u het product hebt gekocht. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

SUOMI

1 Mikäli paristo tai akku sisältää yli 0,0005% elohopeaa, 0,002% kadmiumia tai yli 0,004% lyijyä, voi tämä symboli sisältää näiden kemiallisten aineiden lyhenteet kuten elohopea (Hg), kadmium (Cd) tai lyijy (Pb).
2 Kaikki paristot/akut tulisi hävittää erikseen kotitalousjätteestä, ja ne tulisi toimittaa hävitettäväksi valtion tai paikallisten viranomaisten osoittamaan keräyspisteeseen.
3 Käytettyjen paristojen/akkujen oikea hävitystapa auttaa estämään mahdollisia negatiivisia vaikutuksia ympäristölle, eläin- ja ihmisterveydelle.
4 Käytettyjen paristojen/akkujen hävityksestä saat lisätietoja ottamalla yhteyttä paikallisiin viranomaisiin, jätteenkäsittely-yhtiöön tai tuotteen hankintapaikkaan. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

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 deberán tirarse junto con la basura convencional, sino a través de los puntos de recogida

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 på miljøet samt på dyrs og menneskers sundhed.
4 Ønsker du yderligere oplysninger om bortskaffelse af dine gamle batterier/akkumulatorer, skal du kontakte de offentlige myndigheder, genbrugspladsen eller butikken, hvor du købte produktet. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

ΕΛΛΗΝΙΚΑ

1 Αυτό το σύμβολο ενδέχεται να συνδυάζεται με χημικά σύμβολα για υδράργυρο (Hg), κάδμιο (Cd) ή μόλυβδο (Pb) εάν η μπαταρία περιέχει περισσότερο από 0,0005% υδράργυρο, 0,002% κάδμιο ή 0,004% μόλυβδο.
2 Όλες οι μπαταρίες /συσσωρευτές θα πρέπει να απορρίπτονται χωριστά από τα οικιακά απορρίμματα στις προβλεπόμενες εγκαταστάσεις συλλογής που έχει δημιουργήσει το κράτος ή οι τοπικές αρχές
3 Η σωστή απόρριψη των παλαιών μπαταριών / συσσωρευτών συμβάλλει στην πρόληψη αρνητικών επιπτώσεων για το περιβάλλον, τα ζώα και την υγεία ανθρώπων.
4 Για αναλυτικότερες πληροφορίες σχετικά με την απόρριψη των παλιών μπαταριών / συσσωρευτών, επικοινωνήστε με το δημαρχείο σας, την υπηρεσία αποκομιδής απορριμμάτων ή το κατάστημα όπου αγοράσατε το προϊόν. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

ČESKY

1 Tento symbol může být kombinován s chemickou značkou rtuti (Hg), kadmia (Cd) nebo olova (Pb), pokud baterie obsahuje více než 0,0005 % rtuti, 0,002 % kadmia nebo 0,004 % olova.
2 Všechny baterie/akumulátory je nutno likvidovat odděleně od běžného domovního odpadu, využijte k tomu určená sběrná místa dle pokynů národních nebo místních úřadů.
3 Správná likvidace starých baterií/akumulátorů pomůže zabránit možným negativním dopadům na životní prostředí a zdraví lidí a zvířat.
4 Podrobnější informace o likvidaci starých baterií/akumulátorů vám sdělí váš místní úřad, zpracovatel odpadu nebo obchod, kde jste produkt zakoupili. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

HRVATSKI

1 Taj simbol može se pojaviti u kombinaciji s kemijskim simbolom za živu (Hg), kadmij (Cd) ili olovo (Pb) ako baterija sadrži više

designados por el gobierno o las autoridades locales.
3 La correcta recogida y tratamiento de las baterías o acumuladores antiguos contribuye a evitar las potenciales consecuencias negativas para el medio ambiente, los animales y la salud pública.
4 Para más información sobre la eliminación de baterías o acumuladores antiguos, póngase en contacto con su ayuntamiento, el servicio de recogida de basuras o el comercio en el que adquirió el producto. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

PORTUGUÊS

1 Este símbolo pode ser combinado com símbolos químicos para mercúrio (Hg), cádmio (Cd) ou chumbo (Pb) se a bateria contiver mais de 0,0005% de mercúrio, 0,002% de cádmio ou 0,004% de chumbo.
2 Todos 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 correcta das baterias/acumuladores usadas ajuda a prevenir consequências negativas potenciais 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 reciclagem locais, ou o local onde adquiriu o produto. (*http://www.lg.com/global/sustainability/environment/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 % ortuti, 0,002 % kadmia alebo 0,004 % olova.
2 Všetky batérie/akumulátory by sa mali likvidovať oddelene od komunálneho odpadu prostredníctvom určených zberných zariadení ustanovených štátnymi alebo miestnymi úradmi.
3 Správna likvidácia vašich starých batérií/akumulátorov pomôže zabrániť negatívnym následkom na životné prostredie, zdravotný stav ľudí a zvierat.
4 Viac informácií o likvidácii vašich starých batérií/akumulátorov vám poskytne váš mestský úrad, firma na likvidáciu odpadu alebo obchod, kde ste si výrobok kúpili. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

EESTI

1 Seda sümbolit võbeda (Hg), kaadmiumi (Cd) või plii (Pb) keemiline tähis, kui patarei/aku sisaldab üle 0,0005% elavhõbedat, üle 0,002% kaadmiumi või üle 0,004% pliid.
2 Kõigi patareide/akude käitlemine peab toimuma olmeprügiveost eraldi, riiklikult või kohaliku omavalitsuse poolt määratud

od 0,0005% živе, 0,002% kadmija ili 0,004% olova.
2 Sve baterije/akumulatore treba odvojiti od kućanskog otpada i odložiti ih na mjesto koje je za otpad odredila vlada ili lokalna uprava.
3 Ispravnim odlaganjem starih baterija/akumulatora sprječavate negativan utjecaj na okoliš, zdravlje životinja i ljudi.
4 Dodatne informacije o odlaganju starih baterija/akumulatora zatražite od gradske uprave, komunalne službe ili trgovine u kojoj ste kupili proizvod. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

MAGYAR

1 Ez a szimbólum a higany (Hg), a kadmium (Cd), illetve az ólom (Pb) vegyjelével is lehet kombinálva, ha az adott elem 0,0005%-nál több higanyt, 0,002%-nál több kadmiumot, illetve 0,004%-nál több ólmot tartalmaz.
2 Minden elemet/akkumulátort a háztartási hulladéktól elkülönítve kell kezelni, a kormány, illetve a helyi hatóságok által kijelölt gyűjtőlétesítményeken.
3 A régi elemek/akkumulátorok megfelelő hulladékkezelése segít megelőzni a környezetre, illetve állatok és emberek egészségére gyakorolt lehetséges negatív következményeket.
4 A régi elemek/akkumulátorok hulladékkezelésével kapcsolatos részletes tájékoztatásért forduljon az önkormányzat irodájához, a hulladékkezelő szolgálathoz, illetve ahhoz az üzlethez, ahol a terméket vásárolta. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

POLSKI

1 Symbol ten może znajdować się w obecności chemicznych oznaczeń rtęci (Hg), kadmu (Cd) lub ołowiu (Pb), jeżeli bateria zawiera ponad 0,0005% rtęci, 0,002% kadmu lub 0,004% ołowiu.
2 Wszystkie baterie/akumulatory powinny być utylizowane w oddzieleniu od innych odpadów komunalnych przez jednostki wyznaczone do tego celu przez władze rządowe lub lokalne.
3 Poprawna utylizacja zużytych baterii/akumulatorów pomoże zapobiec możliwym negatywnym wpływom na środowisko, zwierzęta i ludzkie zdrowie.
4 W celu uzyskania więcej informacji na temat utylizacji zużytych 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*)

TÜRKÇE

1 Bu sembol pillerin %0,0005 oranında civa, %0,002 oranında kadmiyum veya %0,004 oranında kurşun içermesi durumunda civa (Hg), kadmiyum (Cd) veya kurşun (Pb) kimyasal sembolleri ile bir arada bulunabilir.
2 Tüm piller ve akümülatörler, normal atılan çöplerden ayrı olarak,

spetsiaalsete kogumispunktide kaudu.
3 Teie vanade patareide/akude nõuetekohane käitlemine aitab ära hoida võimalikke negatiivseid tagajärgi keskkonnale ja inimeste tervisele.
4 Täpsema teabe saamiseks oma vanade patareide/akude käitlemise kohta pöörduge palun kohaliku omavalitsuse/jäätmekäitlusettevõtte poole või kauplusse, kust te antud toote ostsite. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

LATVIEŠU

1 Šo simbolu var papildināt dzīvsudraba (Hg), kadmija (Cd) vai svina (Pb) ķīmisko elementu simboli, ja akumulators satur vairāk kā 0,0005% dzīvsudraba, 0,002% kadmija vai 0,004% svina.
2 Visas baterijas/akumulatori ir jālikvidē valsts vai pašvaldības nozīmētās speciālās atkritumu savākšanas vietās, atsevišķi no mājsaimniecības atkritumiem.
3 Pareizi atbrīvojoties no vecajām baterijām/akumulatoriem, tiks novērstas iespējami nelabvēlīgās sekas uz apkārtējo vidi un cilvēku veselību.
4 Lai saņemtu sīkāku informāciju par atbrīvošanos no vecajām baterijām/akumulatoriem, lūdzu, sazinieties ar savas pašvaldības biroju, atkritumu izvēcināšanas dienestu vai veikalu, kur nopirkāt šo izstrādājumu. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

LIETUVIŲ K.

1 Jeigu maitinimo elemente yra daugiau nei 0,0005 % gyvsidabrio, kadmio (Cd) arba 0,004 % švino, šis ženklas gali būti naudojamas kartu su cheminiais gyvsidabrio (Hg), 0,002% kadmio arba švino (Pb) ženklais.
2 Visi maitinimo elementai/akumuliatoriaus turi būti išmetami atskirai, ne su buitinėmis atliekomis; juos reikia atiduoti į tam skirtus surinkimo punktus, kuriuos įrengia vyriausybė arba vietos valdžios institucijos.
3 Tinkamai išmetę senus maitinimo elementus/akumuliatorius, padėsite apsaugoti aplinką, gyvūnų ir žmonių sveikatą nuo galimų neigiamų padarinių.
4 Išsamesnės informacijos apie senų maitinimo elementų/akumuliatorių išmetimą teiraukitės savo miesto savivaldybės administracijoje, atliekų tvarkymo tarnyboje arba parduotuvėje, kurioje įsigijote šį gaminį. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

ROMÂNĂ

1 Acest simbol poate fi asociat cu simboluri de elemente chimice pentru mercur(Hg), cadmiu(Cd) sau plumb(Pb) dacă bateria conține o cantitate mai mare de 0,0005% de mercur, 0,002% de cadmiu sau 0,004% de plumb.
2 Toate bateriile/acumulatoarele trebuie eliminate separat de deșeurile menajere municipale prin unități de colectare dedicate, desemnate de guvern sau de autoritățile locale.

hükümet veya yerel idareler tarafından belirlenmiş olan toplama merkezlerinde atılmalıdır.
3 Bu tip kullanılmış pillerin/akümülatörlerin doğru olarak atılması hem çevreye hem de hayvan ve insan sağlığına verilebilecek potansiyel olumsuz sonuçları önleyecektir.
4 Kullanılmış pillerinizin/akümülatörlerinizin atılması ile ilgili olarak, bulunduğunuz yerdeki belediye, çöp atım hizmeti veren kuruluşlara veya ürünü satın aldığınız yerlere başvurabilirsiniz. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

SLOVENŠČINA

1 Simbolu so lahko dodane tudi kemične oznake za živo srebro (Hg), kadmij (Cd) ali svinec (Pb), če baterija vsebuje več kot 0,0005 % živega srebra, 0,002 % kadmija ali 0,004 % svinca.
2 Vse baterije/akumulatorje odstranjujte ločeno od običajnih komunalnih odpadkov na namenskih zbirnih mestih, ki jih določijo vlada ali krajevne oblasti.
3 S pravilnim odlaganjem starih baterij/akumulatorjev pomagate preprečevati negativne posledice za okolje ter zdravje ljudi in živali.
4 Podrobnejše informacije o odstranjevanju starih baterij/akumulatorjev poiščite pri mestnem uradu, komunalni službi ali prodajalni, kjer ste izdelke kupili. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

БЪЛГАРСКИ

1 Ако батерията съдържа над 0,0005% живак, 0,002% кадмий или 0,004% олово, този символ може да е придружен от химически знак, обозначаващи живак (Hg), кадмий (Cd) или олово (Pb).
2 Всички батерии/акумулатори трябва да бъдат изхвърляни отделно от битовите отпадъци чрез определени за това от правителството и местните власти съоръжения.
3 Правилното изхвърляне на непотребните батерии/акумулатори ще помогне за предотвратяване на възможни негативни последици за околната среда, животните и човешкото здраве.
4 За по-подробна информация за изхвърлянето на непотребни батерии/акумулатори се обърнете към местната община, услугите по изхвърляне на отпадъци или магазина, откъдето сте закупили продукта. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

РУССКИЙ

1 Данный символ может быть совмещен со значком химического элемента: ртути(Hg), кадмия(Cd) или свинца(Pb), если батарея содержит более 0,0005% ртути, 0,002% кадмия или 0,004% свинца.
2 Все аккумуляторы и батареи следует утилизировать отдельно от бытового мусора, в специальных местах сбора, назначенных правительственными или местными органами

3 Eliminarea corectă a vechilor dvs. baterii/acumulatoare va ajuta la prevenirea potențialelor consecințe negative asupra mediului înconjurător și sănătății oamenilor.
4 Pentru informații mai detaliate despre eliminarea vechilor dvs. baterii/acumulatoare, contactați biroul local, serviciul de eliminare a deșeurilor sau magazinul de la care ați achiziționat produsul. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

NORSK

1 Dette symbolet kan være kombinert med de kjemiske tegnene for kvikksølv (Hg), kadmium (Cd) eller bly (Pb) hvis batteriene inneholder mer enn 0,0005 % kvikksølv, 0,002 % kadmium eller 0,004 % bly.
2 Alle batterier/akkumulatorer skal kastes atskilt fra restavfall og leveres ved offentlige spesialavfallsstasjoner.
3 Riktig håndtering av brukte batterier/akkumulatorer som avfall bidrar til å forhindre skader på miljøet og dyrs og menneskers helse.
4 Hvis du vil ha mer informasjon om hvordan du bør håndtere brukte batterier/akkumulatorer som avfall, kan du ta kontakt med lokale myndigheter, renovasjonstjenesten på stedet eller butikken der du kjøpte produktet. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

SRPSKI

1 Simbol može biti kombinovan sa hemijskim simbolima za živu (Hg), kadmijum (Cd) ili olovo (Pb) ako baterija sadrži više od 0,0005% žive, 0,002% kadmijuma ili 0,004% olova.
2 Sve baterije/akumulatore treba odložiti odvojeno od opšteg gradskog otpada, i to preko namenskih tačaka za prikupljanje, ustanovljenih od strane vlade ili lokalne uprave.
3 Ispravnim odlaganjem starih baterija/akumulatora sprečavate potencijalne negativne efekte na okolinu, zdravlje životinja i ljudi.
4 Dodatne informacije o odlaganju starih baterija/akumulatora zatražite od gradske uprave, komunalnog preduzeća ili prodavnice u kojoj ste kupili proizvod. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

власти.
3 Правильная утилизация старых батарей и аккумуляторов поможет предотвратить потенциально вредное воздействие на окружающую среду и здоровье человека.
4 Для получения более подробных сведений об утилизации батарей и аккумуляторов обратитесь в администрацию города, службу, занимающуюся утилизацией или в магазин, где был приобретен продукт. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

МАКЕДОНСКИ

1 Овој симбол може да биде комбиниран со хемиските симболи за жива(Hg), кадмиум(Cd) или олово(Pb) ако батеријата содржи повеќе од 0,0005% жива, 0,002% кадмиум или 0,004% олово.
2 Сите батерии/акумулатори треба да бидат отстранети одделно од другиот отпад, на посебни места назначени од страна на владата или локалните власти.
3 Правилното отстранување на вашите стари батерии/акумулатори ќе ги спречи потенцијалните негативни последици за околината, животните и здравјето на луѓето.
4 За повеќе информации околу отстранувањето на вашите стари батерии/акумулатори, ве молиме обратете се до локалните власти, службата за отстранување отпад или продавницата од која сте го купиле производот. (*http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-europe*)

BRAZIL ONLY

Pilhas e Baterias



1 Não é recomendável o descarte de, pilhas, baterias em lixo comum. Após o uso, estes itens devem ser descartados de forma adequada, sob pena de ocasionarem danos ao meio ambiente e à saúde humana.
2. A LG criou o Programa Coleta Inteligente , para facilitar e viabilizar o descarte adequado de parelhos celulares, pilhas e baterias.
3. Através do Programa Coleta Inteligente, a LG disponibiliza pontos de coleta em localidades diversas, incluindo assistências técnicas autorizadas da LG Electronics. Para mais informações visite o site www.lge.com/br/coleta-seletiva ou contate nosso SAC através do número 4004-5400 (Capitais e Regiões metropolitanas) ou 0800-707-5454 (demais localidades).

Battery take-back information

1) US

In case rechargeable battery is included in this product, the entire device should be recycled in compliance with Lithium-Ion battery recycling standards because of the internal battery. To dispose of properly, call (800) 822-8837 or visit www.call2recycle.org.

2) Canada

ENGLISH: In case rechargeable battery is included in this product, the rechargeable battery should be recycled in compliance with Lithium-Ion battery recycling standards. To dispose of properly, call 1.888.224.9764 or visit www.call2recycle.ca.

FRENCH: Si le produit inculut une batterie rechargeable, celle-ci devrait être recyclée conformément aux normes de recyclage des batteries lithium-ion. Pour vous en débarrasser correctement, téléphonez au 1 888 224-9764 ou visitez www.appelarecycler.ca.

[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 readily removed by end-users, LG 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 LG 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/contacts, and careful extraction of the battery cell using specialized tools. If you need the instructions for qualified professionals on how to remove the battery safely, please visit http://www.lge.com/global/sustainability/environment/take-back-recycling

[DEUTSCH]

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

Falls dieses Produkt eine im Produkt eingearbeitete Batterie/Akku enthält, die nicht ohne weiteres durch den Endbenutzer entfernt werden kann, empfiehlt LG, dass nur qualifizierte Fachkräfte Batterie oder Akku entfernen, die/der 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-Beratungsstelle 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-/Akkuzelle mit Spezialwerkzeugen. Wenn Sie die Anweisungen für qualifizierte Fachkräfte benötigen, wie man Batterie/Akku sicher entfernen kann, besuchen Sie bitte http://www.lge.com/global/sustainability/environment/take-back-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, LG 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 arrivée 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/contacts électriques et d'extraire avec précaution la cellule de la batterie en s'aidant d'outils spécialisés. En allant sur http://www.lge.com/global/sustainability/environment/take-back-recycling, vous trouverez des instructions destinées aux professionnels qualifiés sur les procédures à employer pour retirer la batterie en toute sécurité.

[ITALIANO]

Rimozione di batterie e accumulatori
(SOLO prodotti con batteria incorporata)

Nel caso in cui il prodotto contenga una batteria incorporata nel prodotto che non può essere facilmente rimossa dall'utente finale, LG raccomanda che la batteria venga rimossa solo da 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 contattare il Servizio clienti di LG o altri fornitori di servizi indipendenti per ottenere consiglio.

La rimozione della batteria comporta lo smantellamento della custodia del prodotto, la disconnessione di cavi/contatti elettrici, e l'attenta estrazione della cella 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.lge.com/global/sustainability/environment/take-back-recycling

[ESPAÑOL]

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

En caso de que este producto contenga una batería incorporada que los usuarios finales no pueda retirar fácilmente, LG recomienda que sólo profesionales cualificados retiren la batería, ya sea para su sustitución que para reciclar 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/contactos eléctricos, 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.lge.com/global/sustainability/environment/take-back-recycling

[PORTUGUÊS]

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

No caso de este produto conter uma bateria incorporada que não possa ser removida prontamente pelos utilizadores finais, seja para substituição ou reciclagem no fim da vida útil 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 implica a desmontagem da estrutura do produto, a retirada dos cabos/contactos elétricos e a extração cuidadosa da célula da bateria utilizando ferramentas específicas. Se pretender obter instruções de técnicos qualificados sobre o modo de remoção seguro da bateria, visite http://www.lge.com/global/sustainability/environment/take-back-recycling

[NEDERLANDS]

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

In het geval dat dit product een binnen het product opgenomen batterij bevat, die niet gemakkelijk kan worden verwijderd door eindgebruikers, raadt LG aan om de batterij alleen door gekwalificeerde professionals te laten verwijderen, zijnde voor vervanging of voor recycling aan het einde van de levensduur van dit product. Om schade aan het product te voorkomen, en voor hun eigen veiligheid, moeten gebruikers niet proberen om de batterij te verwijderen en moeten contact opnemen met de LG-servicehulplijn of andere onafhankelijke serviceproviders voor advies.

Het verwijderen van de batterij betreft demontage van de productbehuizing, verbreken van de verbinding van elektriciteitskabels/contacten en het zorgvuldig uitnemen van de batterijcel met gebruik van gespecialiseerd gereedschap. Als u de instructies voor gekwalificeerde professionals nodig hebt betreffende het veilig verwijderen van de batterij, gaat u naar http://www.lge.com/global/sustainability/environment/take-back-recycling

[ΕΛΛΗΝΙΚΑ]

Αφαίρεση χρησιμοποιημένων μπαταριών και συσσωρευτών
(ΜΟΝΟ για το 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 επαγγελματία 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 άλλο επαγγελματία.

Η αφαίρεση της μπαταρίας προϋποθέτει αποσυναρμολόγηση του περιβλήματος του προϊόντος, αποσύνδεση των ηλεκτρικών καλωδίων/επαφών, και προσεκτική απομάκρυνση της μπαταρίας με εξειδικευμένα εργαλεία. Εάν χρειάζεστε τις επαγγελματικές οδηγίες για την αφαίρεση της μπαταρίας, επισκεφθείτε τη διεύθυνση http://www.lge.com/global/sustainability/environment/take-back-recycling

[MAGYAR]

Elhasználódott elemek és akkumulátorok eltávolítása
(KIZÁRÓLAG beágyazott elemmel rendelkező termékek esetében)

Ha a termék olyan beágyazott elemet tartalmaz, amelyet a termékből a végfelhasználó nem tud könnyedén eltávolítani, az LG azt javasolja, hogy elemcseréhez vagy a termék élettartamának végén az újrahasznosításhoz azt csak szakemberrel távolíttassák el. A termék sérülésének megakadályozása és a saját biztonsága érdekében a felhasználók ne kíséreljék meg az elem eltávolítását, és tanácsadásért vegyék fel a kapcsolatot az LG Service segélyvonalával vagy más független szolgáltatóval.

Az elem eltávolítása során fel kell nyitni a termékházat, le kell csatlakoztatni az elektromos kábeleket/érintkezőket, és speciális szerszámmal óvatosan ki kell emelni az elemcellát. Ha szakember tanácsára van szüksége ahhoz, hogy biztonságosan távolítsa el az elemet, látogasson el a következő webhelyre: http://www.lge.com/global/sustainability/environment/take-back-recycling

[POLSKI]

Usuwanie zużytych baterii i akumulatorów
(Dotyczy TYLKO produktów z wbudowaną baterią)

Jeśli ten produkt ma wbudowaną baterię, której konsument nie powinien usuwać samodzielnie, LG zaleca, aby usunięcie baterii (w celu jej wymiany lub recyklingu po zakończeniu cyklu życia produktu) zlecić osobie wykwalifikowanej. Aby uniknąć uszkodzenia produktu i ewentualnego niebezpieczeństwa, użytkownik nie powinien próbować usuwać baterii. Zamiast tego, powinien skontaktować się z LG Service Helpline lub innym niezależnym dostawcą usług w celu uzyskania porady.

Proces usuwania baterii z urządzenia obejmuje zdjęcie obudowy z urządzenia, odłączenie przewodów i styków elektrycznych oraz ostrożne usunięcie ogniw baterii za pomocą specjalistycznych narzędzi. Jeśli potrzebujesz instrukcji bezpiecznego usuwania baterii przeznaczonej dla wykwalifikowanych pracowników, odwiedź stronę http://www.lge.com/global/sustainability/environment/take-back-recycling

[ČESKY]

Vyjmutí starých baterií a akumulátorů
(POUZE pro výrobek s integrovanou baterií)

V případě, že tento výrobek obsahuje v produktu integrovanou baterii, kterou koncový uživatel nemůže snadno odstranit, je doporučeno společností LG, aby buď při výměně, nebo za účelem recyklace na konci životnosti tohoto produktu, bylo vyjmutí baterie ponecháno pouze kvalifikovaným odborníkům. Aby nedošlo k poškození výrobku, nebo kvůli vlastní bezpečnosti by se uživatelé neměli pokoušet vyjmout baterii, ale naopak se obrátit o radu na servisní linku LG, nebo na jiné nezávislé poskytovatele služeb.

Vyjmutí baterie bude zahrnovat rozebrání krytu produktu, odpojení elektrických kabelů/kontaktů a pečlivé vyjmutí baterie pomocí specializovaných nástrojů. Potřebujete-li pokyny pro kvalifikované odborníky o tom, jak bezpečně vyjmout baterii, navštivte prosím webové stránky http://www.lge.com/global/sustainability/environment/take-back-recycling

[SLOVENČINA]

Vybratie odpadových batérií a akumulátorov
(LEN produkt so vstavanou batériou)

V prípade, ak tento produkt obsahuje batériu vstavanú v produkte, ktorú nedokáže koncový používateľ jednoducho vybrať, spoločnosť LG odporúča, aby batériu na účel výmeny alebo recyklovania po

skončení prevádzkovej životnosti tohto produktu vybrali kvalifikovaní odborníci. S cieľom zabrániť poškodeniu produktu a kvôli vlastnej bezpečnosti sa používatelia nesmú pokúšať vyberať batériu a o pomoc musia požiadať linku pomoci servisu LG alebo iných nezávislých poskytovateľov servisu.

Súčasťou vybratia batérie bude rozmontovanie skrinky produktu, odpojenie elektrických káblov/kontaktov a opatrné vybratie článku batérie pomocou špeciálneho náradia. Ak potrebujete pokyny o spôsobe bezpečného vybratia batérie určené pre kvalifikovaných odborníkov, navštívte http://www.lge.com/global/sustainability/environment/take-back-recycling

[ROMÂNĂ]

Eliminarea bateriilor uzate şi acumulatorilor uzaţi
(DOAR în cazul produselor cu baterie încorporată)

În cazul în care bateria este încorporată în produs şi nu poate fi îndepărtată de utilizatorul final, LG recomandă ca bateria să fie îndepărtată doar de către un personal calificat; bateria astfel îndepărtată trebuie înlocuită şi reciclată la sfârşitul duratei de viaţă a produsului. Pentru a preveni deteriorarea produsului şi producerea oricărui accident, utilizatorilor li se recomandă să nu îndepărteze bateria, şi să contacteze Serviciul de Asistenţă LG, sau orice altă unitate service individuală.

Eliminarea bateriei implică demontarea carcasei produsului, deconectarea cablurilor/racordurilor electrice şi îndepărtarea cu atenţie a bateriei, cu folosirea sculelor speciale. Pentru instrucţiunile de îndepărtare în condiţii de siguranţă a bateriei, destinate personalului calificat, vă rugăm accesaţi http://www.lge.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 включена в него, която не може лесно да бъде отстранена от крайните потребители, LG препоръчва само квалифицирани специалисти да изваждат батерията и да я заменят, и продуктът да се даде за рециклиране в края 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 „Гореща линия", или други независими доставчици на услуги за съвет.

Изваждането на батерията включва демонтаж на кутията на продукта, разединяване на електрическите кабели/контакти, внимателни извличане на клетката на батерията, като се използват специализирани инструменти. Ако имате нужда от инструкциите за квалифицирани специалисти относно това, как да извадите батерията безопасно, моля посетете: http://www.lge.com/global/sustainability/environment/take-back-recycling

[SVENSKA]

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

Om den här produkten innehåller ett batteri som sitter inbyggt i produkten och inte enkelt kan tas bort av användarna rekommenderar LG att endast behöriga personer tar ur batteriet, antingen för byte eller återvinning i slutet av produktens livslängd. För att förhindra skada på produkten och av säkerhetsskäl får användarna inte försöka ta ur batteriet och ska kontakta LG Service Helpline, eller en annan oberoende tjänsteleverantör för att få hjälp.

Borttagning av batteriet inkluderar demontering av produktens kåpa, frånkoppling av elektriska kablar/kontakter och försiktigt uttag av batteriet med specialverktyg. Vid behov av instruktioner från behöriga fackmän kring hur batteriet avlägsnas på ett säkert sätt, besök sidan http://www.lge.com/global/sustainability/environment/take-back-recycling

[NORSK]

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

I tilfelle dette produktet inneholder et batteri innlemmet i produktet som ikke enkelt kan fjernes av

sluttbrukere, anbefaler LG at kun kvalifisert fagpersonale fjerner batteriet, enten for bytte eller for resikr ved slutten av dette produktets brukstid. For å unngå skade på produktet, og for deres egen sikkerhet, bør brukere ikke prøve å fjerne batteriet, og bør kontakte LG Service Helpline, eller andre uavhengige serviceleverandører for råd.

Fjerning av batteriet vil involvere demontering av produktets deksel, frakobling av elektriske kabler/ kontakter, og forsiktig uttrekking av battericellen med spesialverktøy. Hvis du trenger instruksjonene for kvalifisert fagpersonale om hvordan batteriet fjernes trygt, gå til http://www.lge.com/global/sustainability/environment/take-back-recycling

[DANSK]

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

Hvis produktet har et indbygget batteri, som ikke nemt kan fjernes af slutbrugere, anbefaler LG, at batteriet kun bliver fjernet af kvalificerede teknikere, både hvis det er til udskiftning eller genbrug i slutning af produktets levetid. Med henblik på at forhindre skade på produktet og af hensyn til brugernes sikkerhed må sidstnævnte ikke selv forsøge at fjerne batteriet, og de bør kontakte LG Service Helpline eller en anden uafhængig serviceleverandør angående råd herom.

Fjernelse af batteriet involverer demontering af produkthuset, afbrydelse af de elektriske kabler/ kontakter og forsigtig udtagning af battericellen ved hjælp af specialværktøjer. Hvis du har brug for vejledningen for kvalificerede teknikere om, hvordan batteriet sikkert skal fjernes, kan du besøge http://www.lge.com/global/sustainability/environment/take-back-recycling

[SUOMI]

Käytettyjen paristojen/akkujen poisto
(Tuote VAIN kiinteällä akulla)

Tässä tapauksessa tuote pitää sisällään akun joka on liitetty kiinteästi tuotteeseen ja jota ei voida välittömästi poistaa loppukäyttäjien toimesta, LG suosittelee että vain pätevöitetyt ammattilaiset poistavat akun, joko vaihtoa varten tai kierrätettäväksi tämän tuotteen käyttöiän päätyttyä. Estääkseen tuotteelle tapahtuvaa vahinkoa ja taatakseen oman turvallisuutensa, käyttäjien ei pidä yrittää irrottaa akkua vaan ottaa yhteyttä LG-palvelulinjaan tai muuhun itsenäiseen palvelutoimittajaan saadakseen ohjeistusta.

Akun irrotus käsittää tuotteen kuoren purkamisen, sähköjohtojen/-liitäntöjen irrotuksen, ja akkukennon irrotuksen erikoistyökaluilla. Jos tarvitset ohjeita pätevöitettyjä ammattilaisia varten koskien akun turvallista irrotusta, vieraile osoitteessa http://www.lge.com/global/sustainability/environment/take-back-recycling

[EESTI]

Kasutatud patareide ja akude eemaldamine
(AINULT kaetud akudega toote korral)

Juhul, kui tootel on toote sisemuses asuv aku, mida lõppkasutaja ei saa lihtsalt eemaldada, soovitab LG aku eemaldamiseks, nii vahetamise kui toote kasutusea lõppedes hävitamiseks, kasutada ainult kvalifitseeritud personali abi. Selleks, et vältida toote kahjustusi ning tagada enda ohutus, ei tohi kasutaja akut ise eemaldada ning abi saamiseks tuleb ühendust võtta LG teenuste kasutajatoega või mistahes muu edasimüüjaga

Aku eemaldamisel tuleb eemaldada toote korpus, katkestada elektrijuhtmete/-kontaktide ühendus ning vastava tööriistaga eemaldada ettevaatlikult akuelement. Kui vajate aku ohutuks eemaldamiseks professionaalset abiinfot, külastage veebilehte http://www.lge.com/global/sustainability/environment/take-back-recycling

[LIETUVIŲ K.]

Baterijų ir akumuliatorių atliekų pašalinimas
(TIK produktams su integruotu akumuliatoriumi)

Jei šiame produkte įmontuotas akumuliatorius, kurio tiesioginis naudotojas lengvai pašalinti negali,

„LG" rekomenduoja kad akumuliatorių, jo keitimo atveju arba perdirbimo produkto tarnavimo laiko pabaigoje, pašalintų tik kvalifikuoti specialistai. Siekiant apsaugoti įrenginį nuo apgadinimo ir jūsų pačių saugumui, naudotojai neturėtų bandyti patys pašalinti akumuliatoriaus ir norėdami gauti patarimų turėtų susisiekti su „LG" Paslaugų pagalbos linija ar kitais nepriklausomais paslaugų tiekėjais.

Akumuliatoriaus pašalinimas apima produkto korpuso išardymą, elektrinių kabelių/kontaktų atjungimą ir atsargų akumuliatoriaus elemento išėmimą naudojant specialius įrankius. Jei jums reikia kvalifikuotiems specialistams skirtų instrukcijų kaip saugiai pašalinti akumuliatorių, prašome apsilankyti http://www.lge.com/global/sustainability/environment/take-back-recycling

[LATVIEŠU]

Nederīgo bateriju un akumulatoru izņemšana
(TIKAI produktiem ar iebūvētu akumulatoru)

Ja šim produktam ir akumulators, kas iebūvēts produktā tā, ka gala lietotājs to nevar vienkārši izņemt, LG iesaka akumulatora izņemšanu nomaiņas vai pārstrādes nolūkos produkta dzīves cikla beigās uzticēt tikai kvalificētiem speciālistiem. Lai nenodarītu kaitējumu produktam un pasargātu sevi, lietotājiem nevajadzētu mēģināt izņemt akumulatoru un vajadzētu konsultēties ar LG palīdzības dienestu vai kādu neatkarīgu pakalpojumu sniedzēju.

Lai izņemtu produkta akumulatoru, ir jānoņem produkta korpuss, jāatvieno vadi un kontakti un ar īpašiem darbarīkiem uzmanīgi jāizņem akumulators. Ja jums nepieciešamas kvalificētiem speciālistiem paredzētās norādes par akumulatora drošu izņemšanu, dodieties uz http://www.lge.com/global/sustainability/environment/take-back-recycling

[TÜRKÇE]

Atık batarya ve akülerin çıkarılması
(SADECE gömülü bataryalı üründe)

Bu üründe, nihai kullanıcılar tarafından kolaylıkla çıkarılamayan bataryanın ürünle birleşik konumda olması halindeLG, ister batarya değişiminde ister bu ürünün kullanım süresinin sonunda gerçekleşecek olan bataryanın geri dönüşümünde bataryanın sadece nitelikli ve uzman kişiler tarafından çıkarılmasınıtavsiye eder. Kullanıcılar, ürünün zarar görmesini engellemek ve kendi güvenliklerini sağlamak için bataryayı çıkarmaya kalkışmamalı ve öneri konusunda LG Servis Yardım Hattı ya da diğer bağımsız servis sağlayıcıları ile iletişime geçmelidir.

Bataryayıçıkarma işlemi,ürün kasasının sökülmesini, elektrik kablo/bağlantılarının kesilmesini ve özel aletler kullanılarak bataryanın dikkatli bir şekilde çıkarılmasını kapsar. Nitelikli ve uzman kişilerin bataryayı güvenli bir şekilde çıkarmalarına yönelik talimatlara ihtiyaç duymanız halinde lütfen http://www.lge.com/global/sustainability/environment/take-back-recycling bağlantısına gidiniz.

[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 служба данного продукта. Во избежание повреждения продукта и в целях обеспечения собственной безопасности пользователям следует избегать попыток извлечь батарею и следует связаться со Службой поддержки LG или другими независимыми поставщиками услуг для получения совета.

Извлечение батареи включает в себя демонтаж корпуса продукта, отключение электрических кабелей/контактов и осторожное извлечение элемента батареи, используя специализированные инструменты. Для получения инструкций по безопасному извлечению батареи для квалифицированных профессионалов, пожалуйста, посетите http://www.lge.com/global/sustainability/environment/take-back-recycling

[SLOVENŠČINA]

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

Če izdelek vsebuje v izdelek vgrajene baterije 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 Helpline, ali drugega neodvisnega servisa, ki nudi takšne storitve.

Odstranitev baterije bo vključevala, v primeru odstranitve izdelka, prekinitev električnih kablov/kontaktov in previdno ostranitev baterije, z uporabo ustreznega specialnega orodja. Če potrebujete navodila za kvalificirane strokovnjake o tem, kako varno odstraniti baterijo, obiščite spletno stran http://www.lge.com/global/sustainability/environment/take-back-recycling

[SRPSKI]

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

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

Vađenje baterije će podrazumevati demontiranje kutije proizvoda, isključivanje električnih kablova i oprezno vađenje stanice baterije koristeći posebne alate. Ako Vam je potrebna pomoć kvalifikovane osobe da biste videli kako se to radi, molimo Vas da pogledate veb stranicu http://www.lge.com/global/sustainability/environment/take-back-recycling

[HRVATSKI]

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

U slučaju kada uređaj sadrži ugrađenu bateriju/akumulator unutar proizvoda koju ne može izvaditi krajni korisnik, LG preporučuje neka bateriju/akumulator izvadi samo kvalificirano osoblje, bilo radi zamjene ili recikliranja na kraju vijeka trajanja proizvoda. Radi sprječavanja oštećenja proizvoda i radi vlastite sigurnosti, korisnici ne smiju pokušavati izvaditi bateriju/akumulator i trebaju kontaktirati telefonsku liniju za pomoć LG servisa ili druge nezavisne pružatelje servisa i zatražiti savjet.

Uklanjanje baterije/akumulatora uključuje rastavljanje kućišta proizvoda, odspajanje električnih kabela/priključaka i pažljivo vađenje ćelije baterije pomoću posebnog alata. Ako trebate upute kvalificiranih profesionalaca kako izvaditi bateriju na siguran način, molimo posjetite http://www.lge.com/global/sustainability/environment/take-back-recycling

[МАКЕДОНСКИ]

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

Доколку производот содржи батерија што е вградена во производот и што не можат крајните корисници да ја отстранат, LG препорачува батеријата да ја отстранат само квалификувани професионални лица, било да е за менување или за рециклирање по истекот на животниот век на производот. За да спречат оштетување на производот и поради нивна сопствена безбедност, корисниците не треба да се обидуваат да ја отстрануваат батеријата и треба да ја контактираат линијата за помош при услуги на LG или други независни испорачувачи на услуги.

Отстранувањето на батеријата значи и расклопување на куќиштето на производот, исклучување на електричните кабли/контакти и внимателно вадење на батеријата со специјализиран алат. Доколку ви се потребни инструкциите за квалификувани професионални лица за тоа како да ја отстраните батеријата безбедно, посетете ја веб-страницата http://www.lge.com/global/sustainability/environment/take-back-recycling

Product Specifications

PC Specifications

Display	14 inch IPS LCD
CPU	Intel®Core™ i7 / i5 / i3 processor **The CPU differs depending on model type and cannot be replaced by the user.**
GPU	Intel®Iris® Plus 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. **The GPU differs depending on model type and cannot be replaced by the user.**
System Memory	DDR4 SODIMM The maximum capacity of the main board is 16 GB. Memory of 3 GB or more is supported only in a 64-bit O/S. **Memory size may differ depending on the model. The user must not arbitrarily replace the memory.**
Storage Device	SATA or NVMe™ SSD (M.2 2280) **Storage device format and capacity may differ depending on the model.**
Bluetooth	Bluetooth 5.0 If you connect to Bluetooth device and wireless LAN at the same time, the system may become slow. In order to use Bluetooth 5.0, the device you want to connect to should support Bluetooth 5.0.
Wireless LAN	Intel® AX201D2W **Manufacturers and installers cannot provide services related to human safety as this wireless device may cause radio interference.**
Webcam	HD Webcam
LAN	10/100 Megabit or Gigabit **To use a wired LAN, you need to have a LAN adapter installed separately. The performance of the provided adapter depends on the model.**
Product Weight	Approx. 2.20 lbs (battery included) **Weight varies by configuration and manufacturing process.**

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

Power Supply and Environments

AC Adapter (Free Voltage)	Power Rating: 48 W Input: AC 100 V to 240 V, 1.5 A 50 / 60 Hz Output: DC 19 V, 2.53 A
Battery	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.
Operating and Storage Conditions	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

Power Consumption

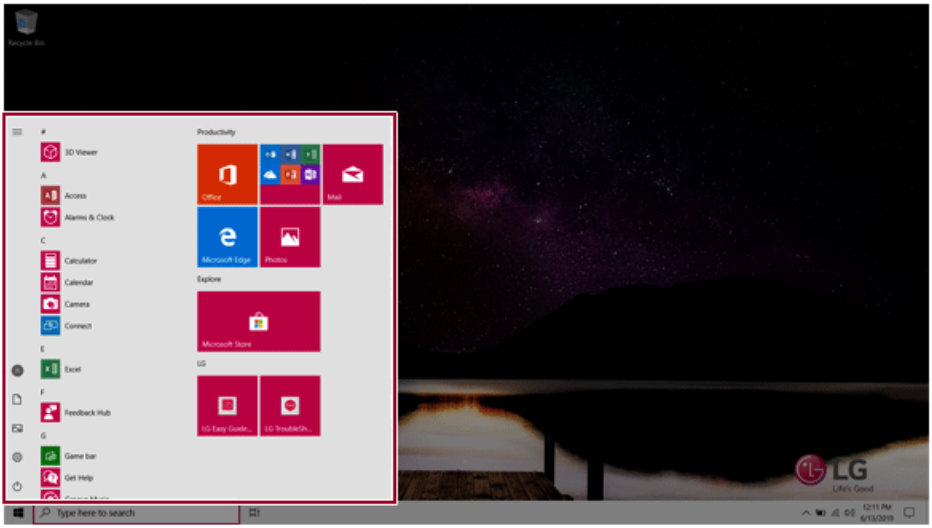
Power consumption of this product during operation standby, sleep mode, and manual off modes may differ depending on the product specifications and the adapter type. Even when the system is turned off, it consumes a minute amount of power, if supplied. To cut off the power supply completely, disconnect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

Using Windows 10

Start Menu

A New Start Menu

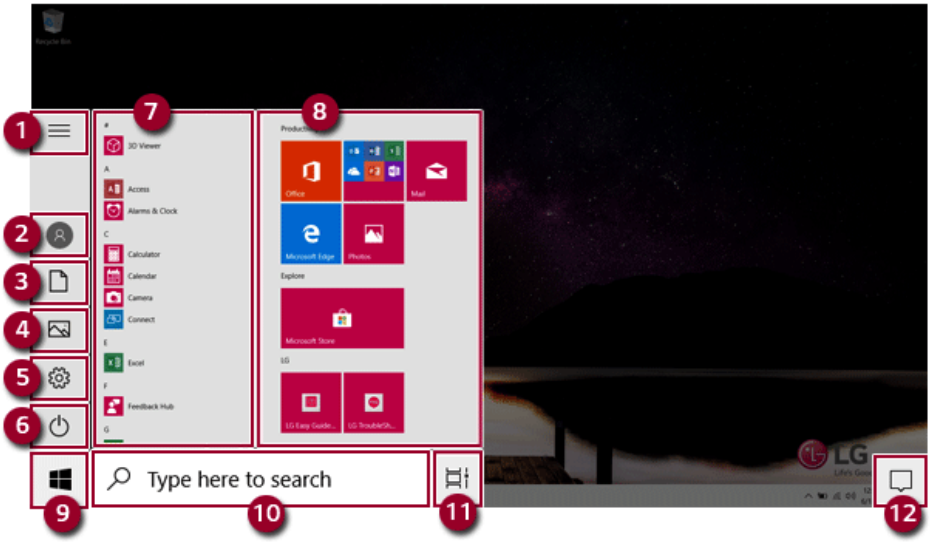
The Start menu in Windows 10 has been changed so you can use Windows quickly and easily.



Press the [ ] button in the lower-left corner of the screen to display the Start menu.

TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



1 **Expand:** Displays the names of all menu items.

2 **User Account:** Displays the current user's information. You can use functions such as Change Account Settings, Lock or Logout.

3 **Document:** Opens the default document folder in Windows.

4 **Pictures:** Opens the default photo folder in Windows.

5 **Settings:** You can set up the system including the network settings.

6 **Power:** Sleep, System Shutdown, and Restart menus are available.

7 **App List:** Displays the app list.

8 **App Tile:** Apps added to the Start menu are displayed in tile format.

9 **Start Button:** Opens or closes the Start menu.

10 **Windows Search:** Searches for the text entered by the user in My Items (system) or the Internet.

11 **Task View:** You can add a Desktop screen or switch to the screen to display the history of recent PC usage.

12 **Action Center:** You can view the system-related notification messages and change PC settings.

TIP

- Press [ ] + [X], and then the [ ] button pop-up menu 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.

ENGLISH

Using Apps

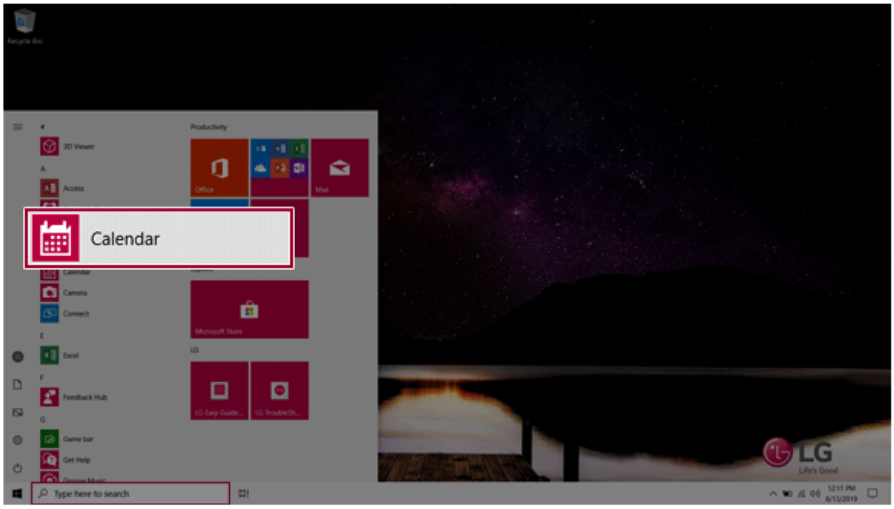
Running and Exiting Apps

Run apps that were not added to the Start menu or apps that were installed on the system using the following method:

1 Press the [ ] button and select and run the app you want from the app list.

TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 To exit an app, press the [ ] button on the top of the app screen.

Deleting Apps

You can delete apps from the Start menu tiles or the app list.

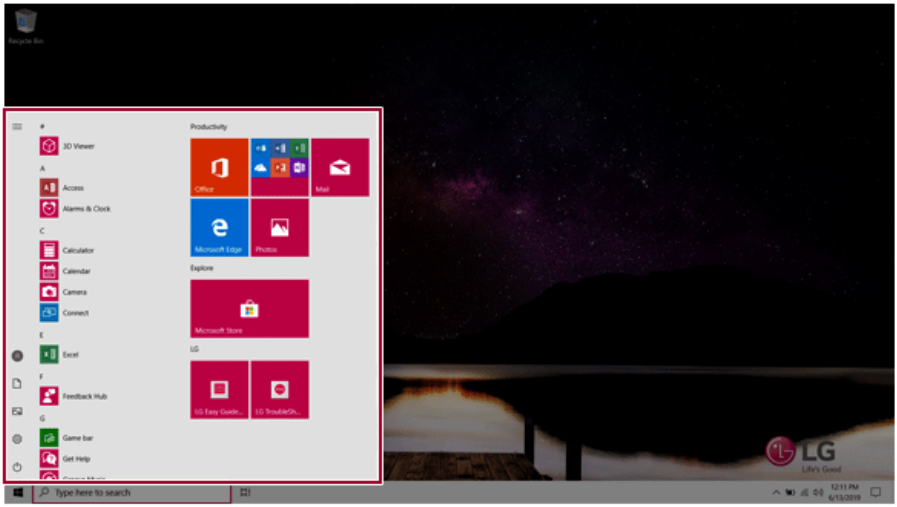
TIP

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

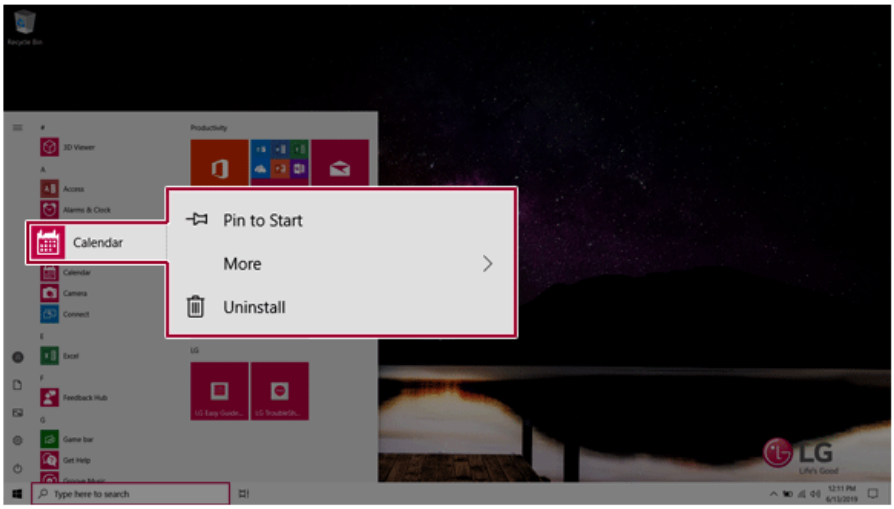
1 Click the [ ] button to display the Start menu.

TIP

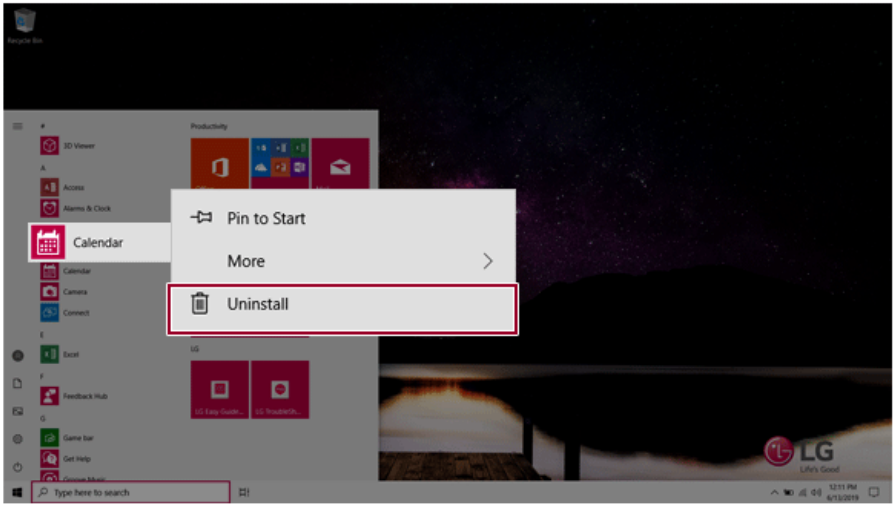
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Go to the Start menu app tiles or the app list and right-click the app you wish to delete.



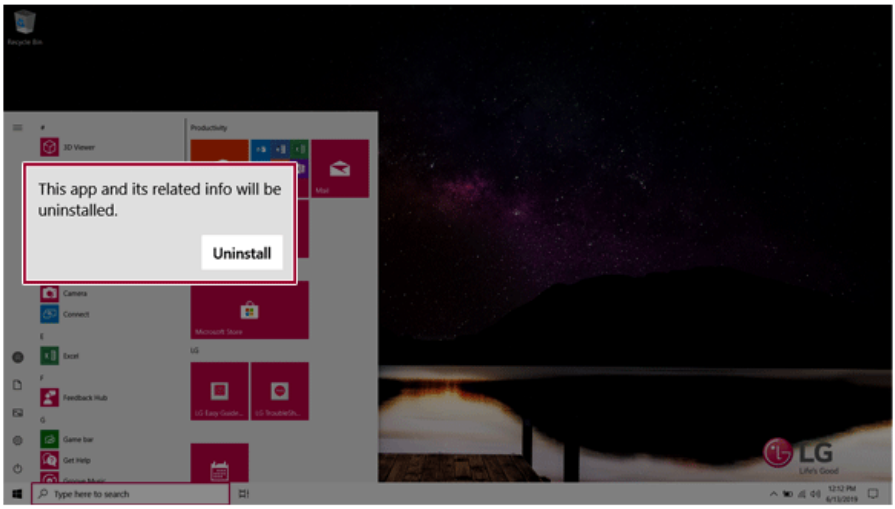
3 When the pop-up menu appears, select **[Uninstall]**.



TIP

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

4 When prompted to confirm the deletion, click the **[Uninstall]** button to delete the app.



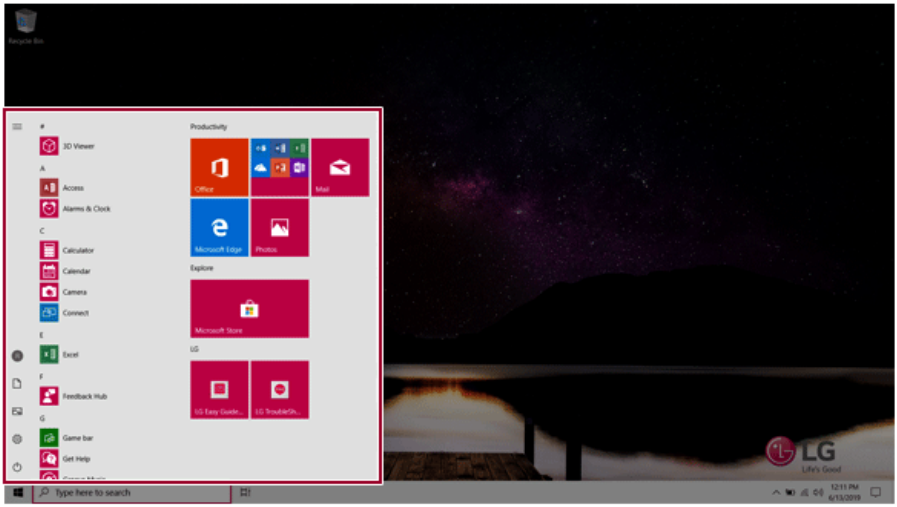
Adding Apps to Start Menu/Taskbar

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

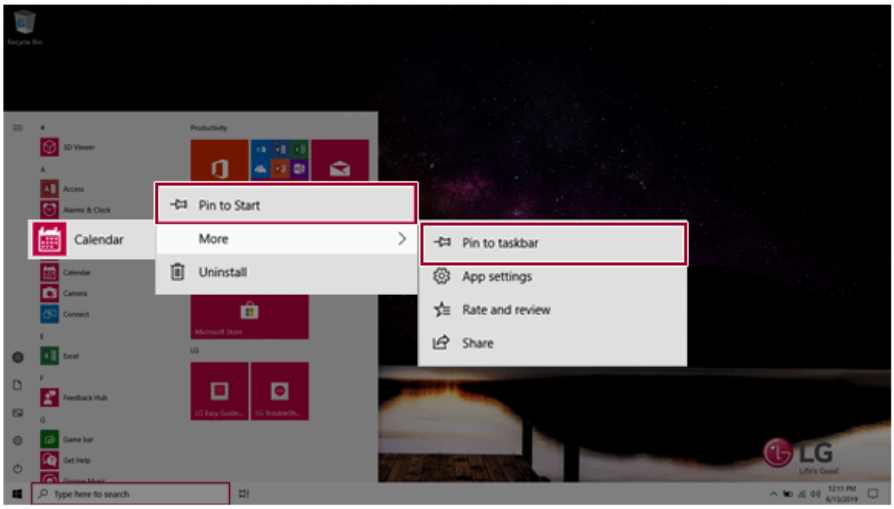
1 Press the [ ] button to display the Start menu.

TIP

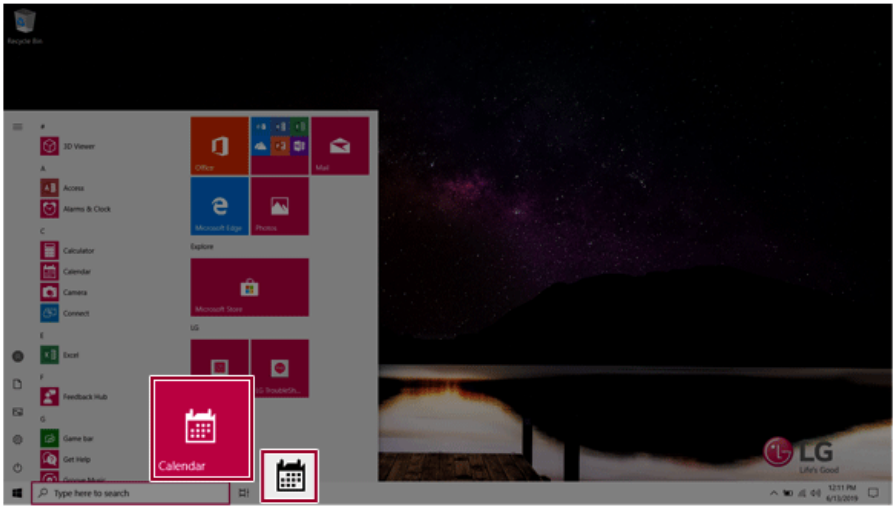
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Right-click the app you want from the app list, and then click **[Pin to Start]** or **[More]** > **[Pin to Taskbar]**.



3 The selected app is added to the Start menu or taskbar.



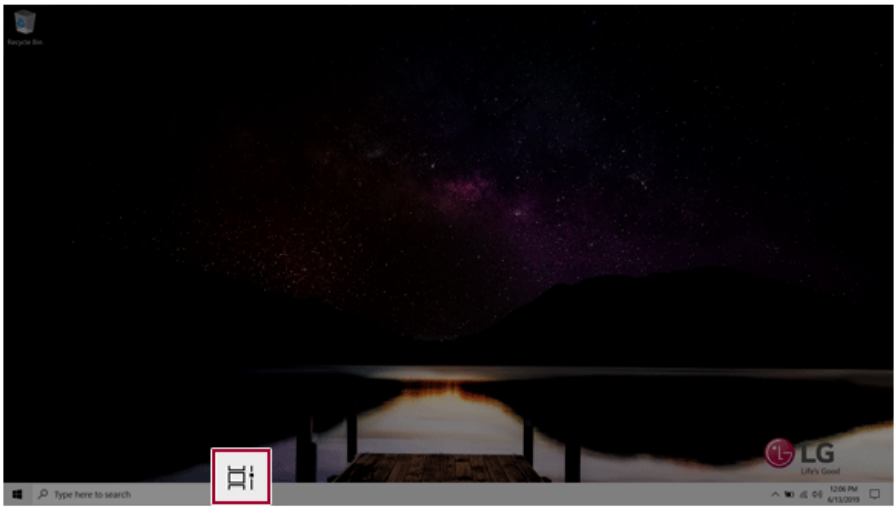
Toggling and Adding Apps/Desktops

In Windows 10, you can toggle the running apps easily and quickly, and add desktops to use them like multiple PCs.

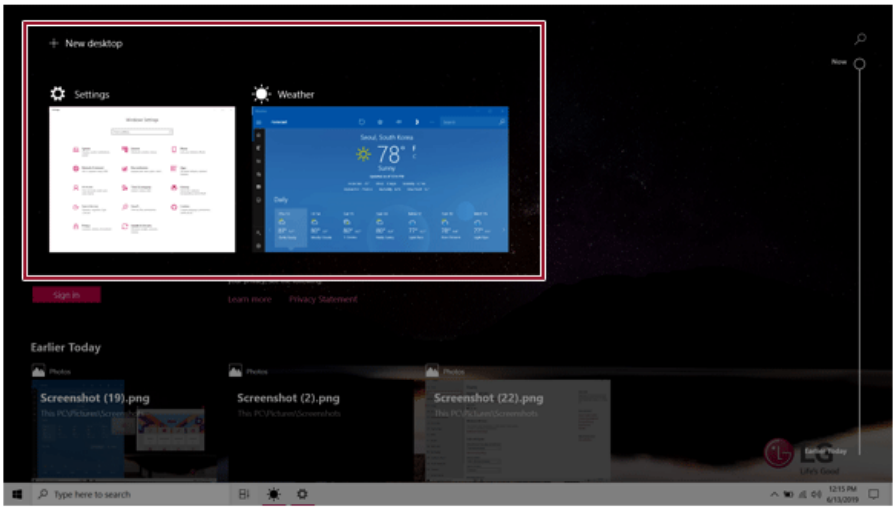
TIP

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 In the taskbar, press [ ].



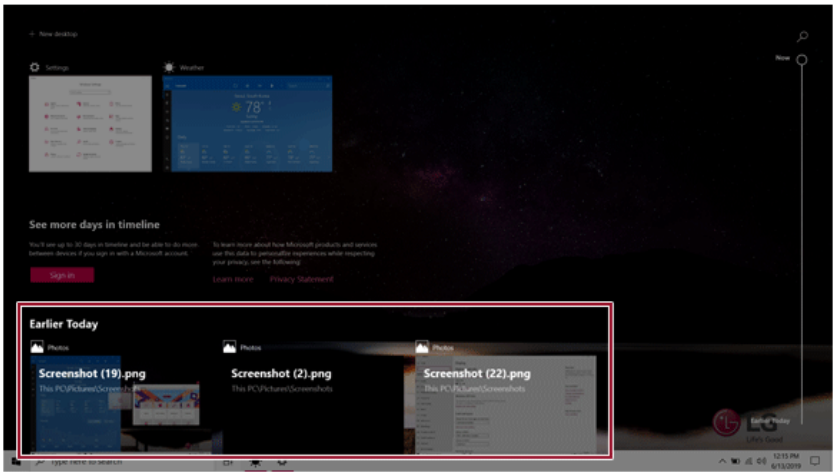
2 The screen to switch between apps and desktops appears and the running apps are displayed in the preview.



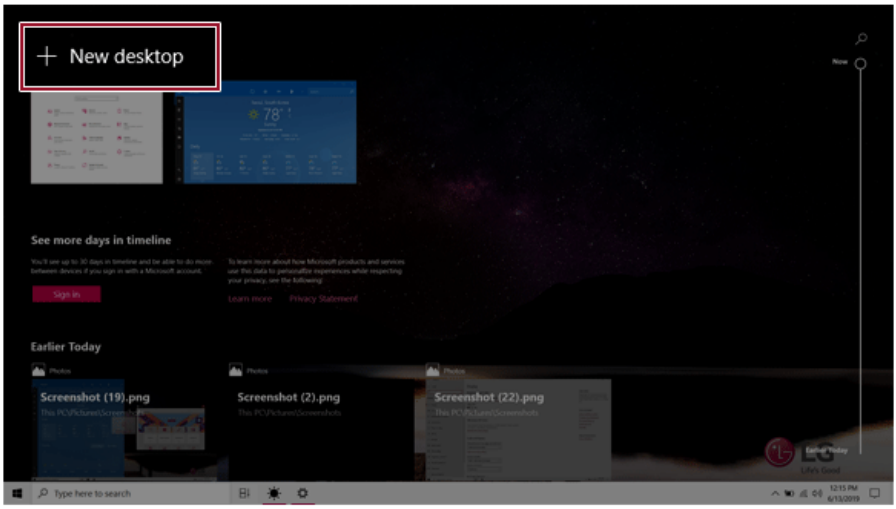
TIP

Press the [ ] button of an app in the preview to exit the app.

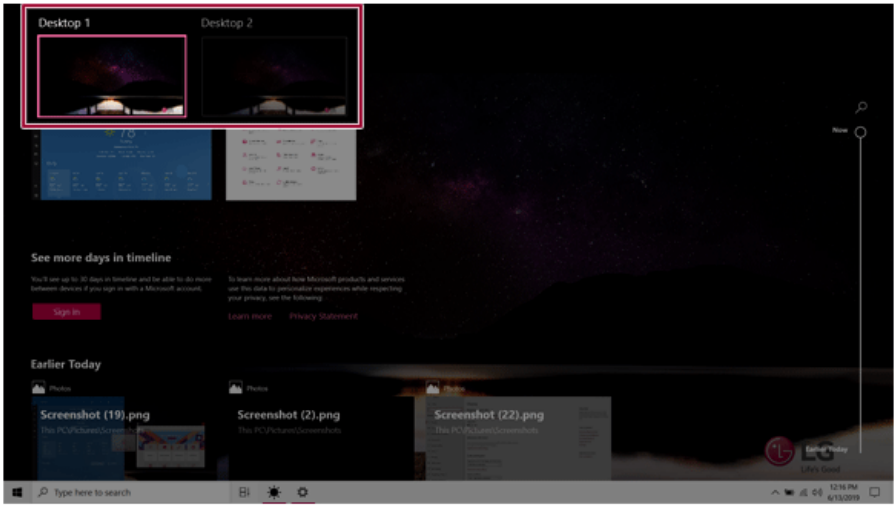
You can use the timeline displayed on the Desktop screen to check the history of PC usage.



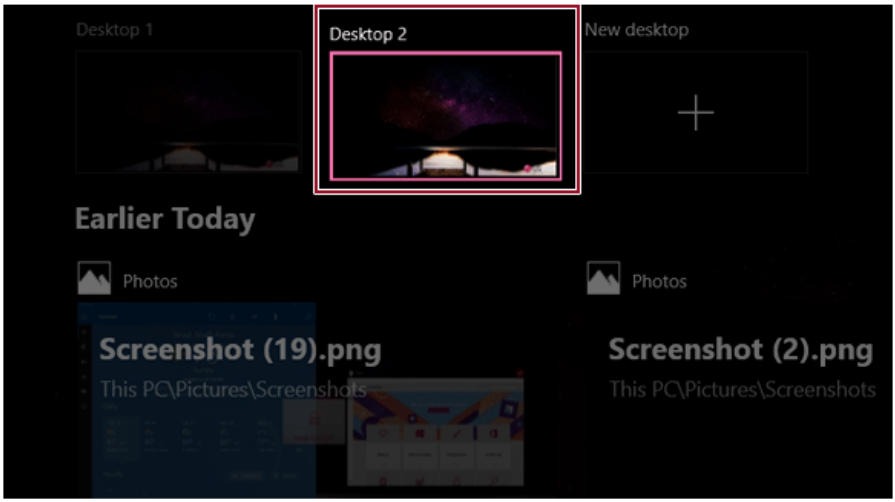
3 Click the **[New Desktop]** tile.



4 **[Desktop 1]** and **[Desktop 2]** are created.



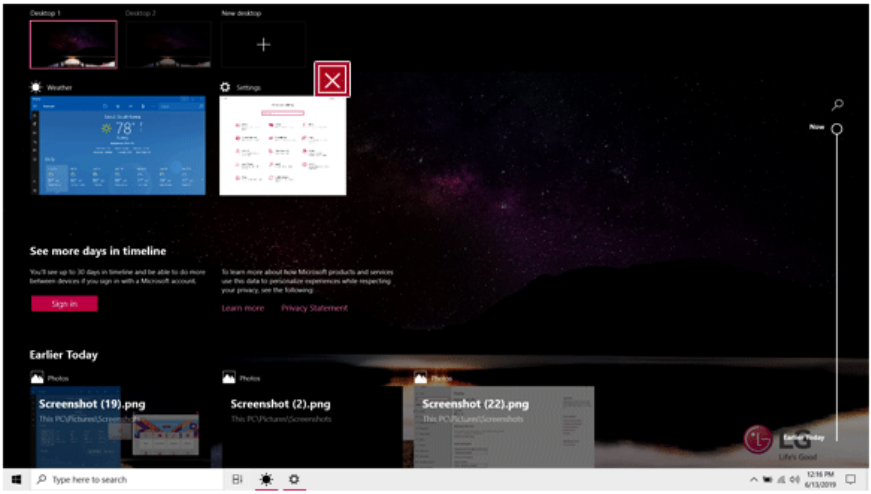
5 Select an app in the preview or desktop.



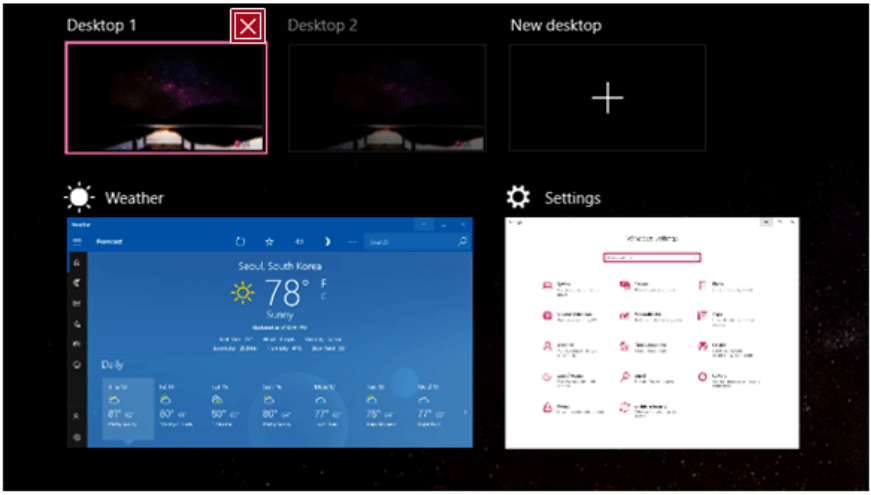
6 The screen is toggled to the selected app or desktop.

TIP

Press the [ ] button in the app preview to exit the app.



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

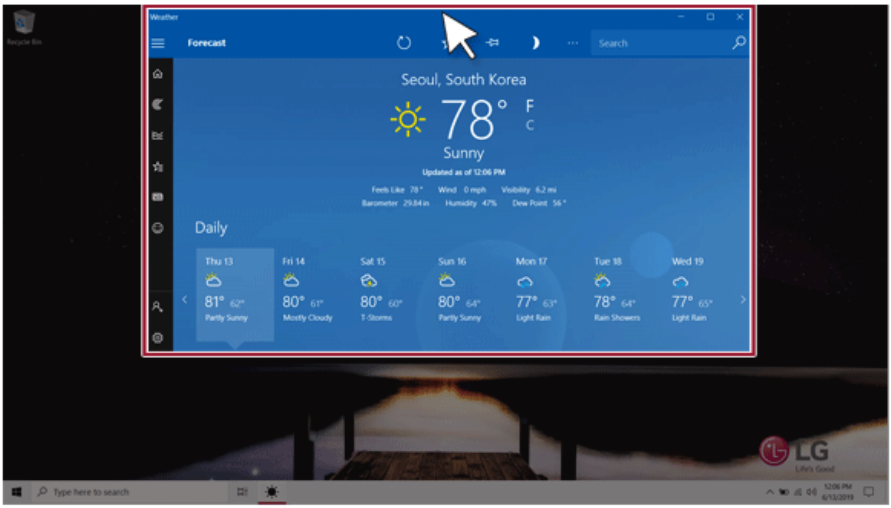
In Windows 10, you can easily adjust window sizes and split windows if necessary.

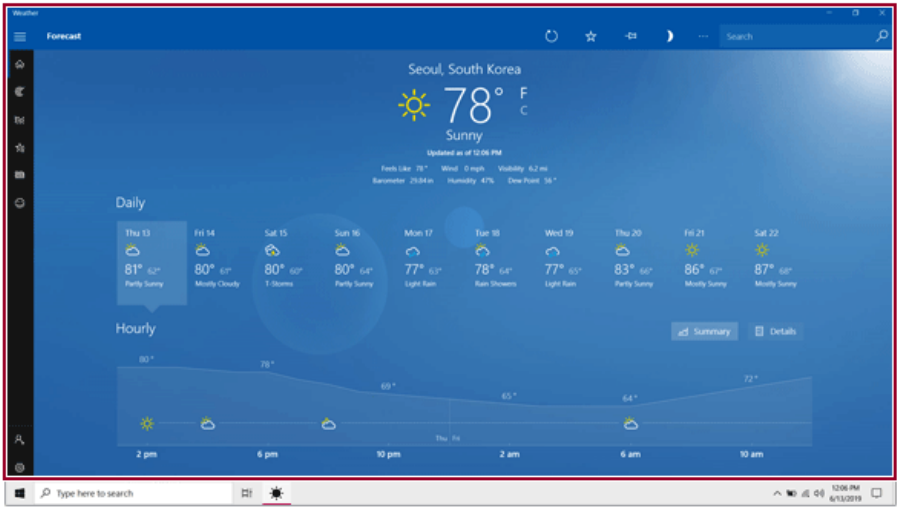
TIP

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

Full Screen

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





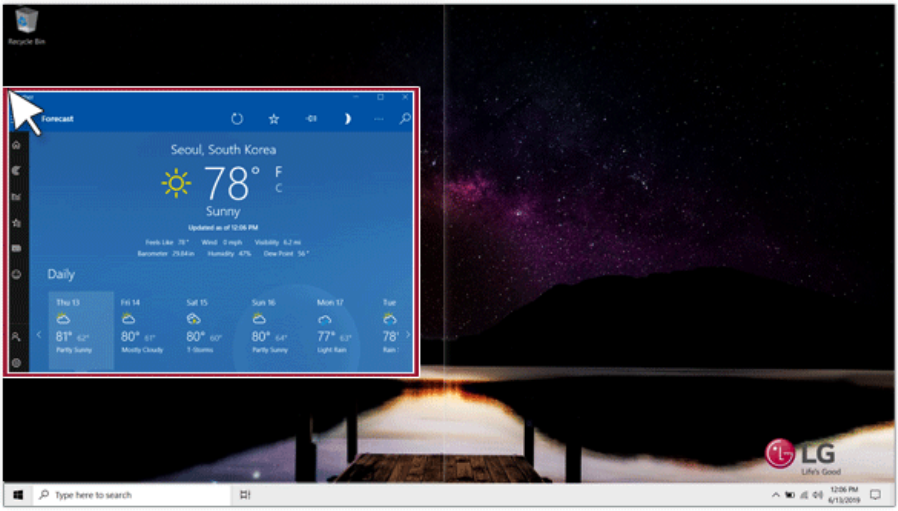
2 Drag and drop the app again to a different location to return to its original size.

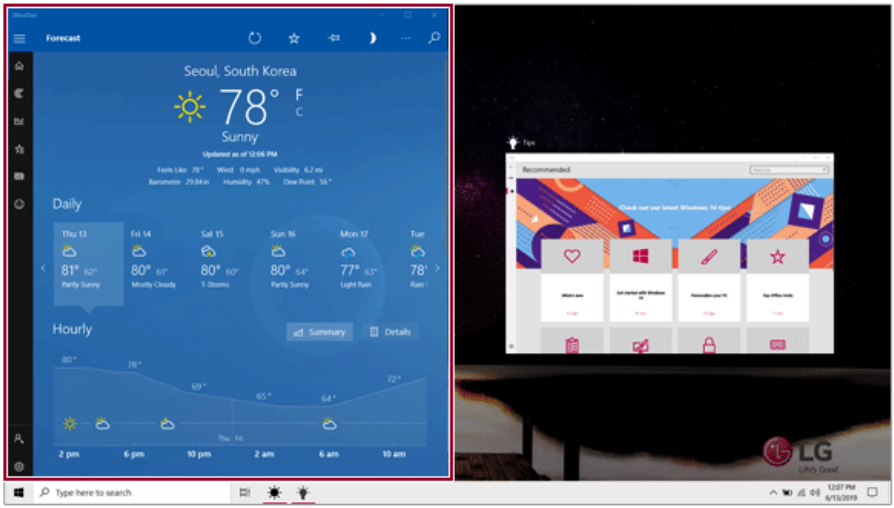
Screen Split into Two

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

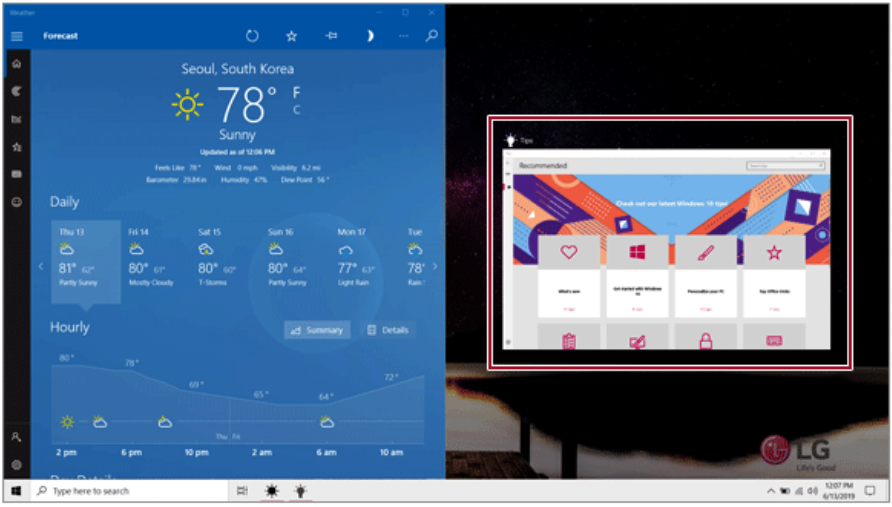
TIP

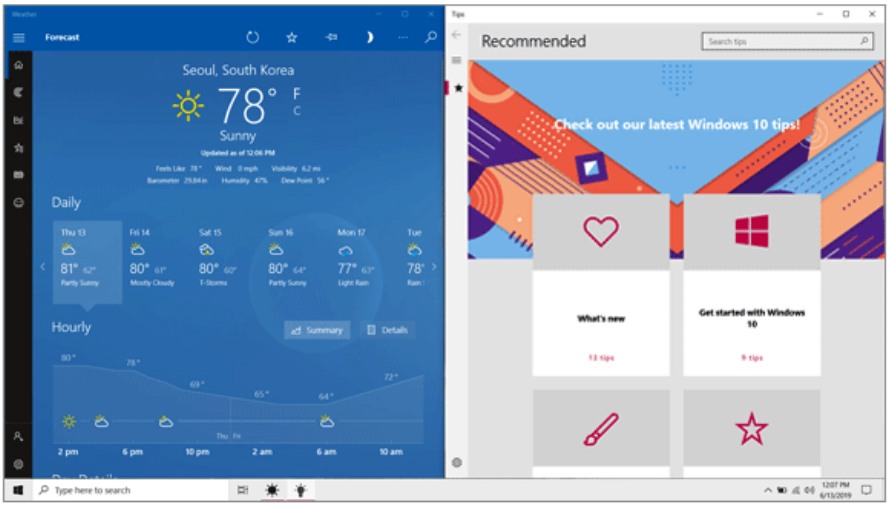
The screen is split according to the guideline.





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





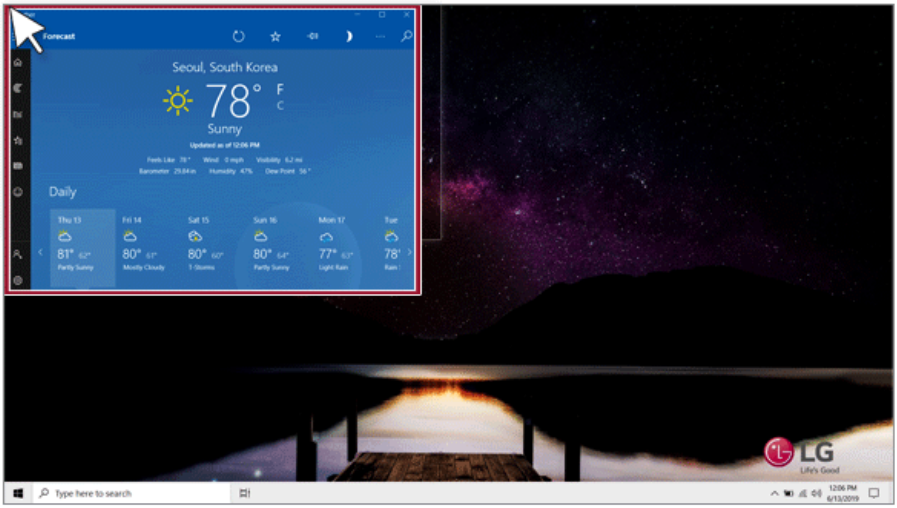
3 Drag and drop the app again to a different location to return to its original size.

Screen Split into Four

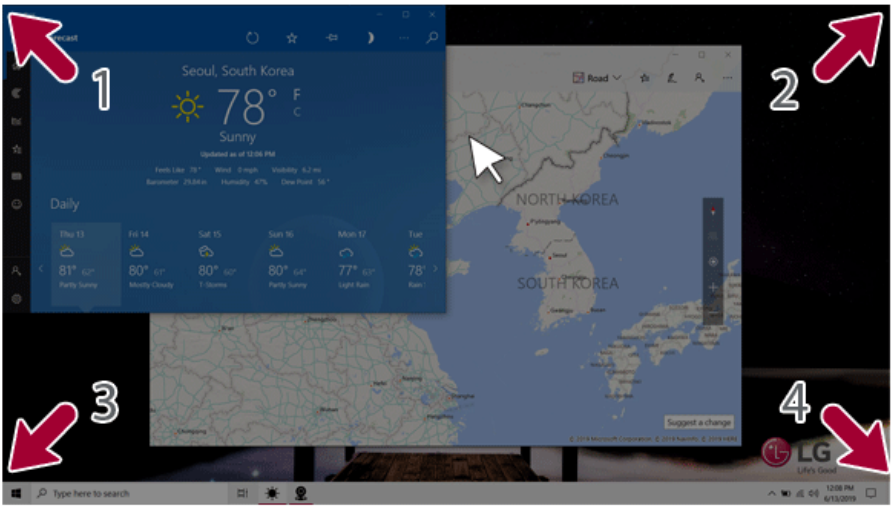
1 Drag and drop an app to the left corner to reduce the app to 1/4 size of the screen.

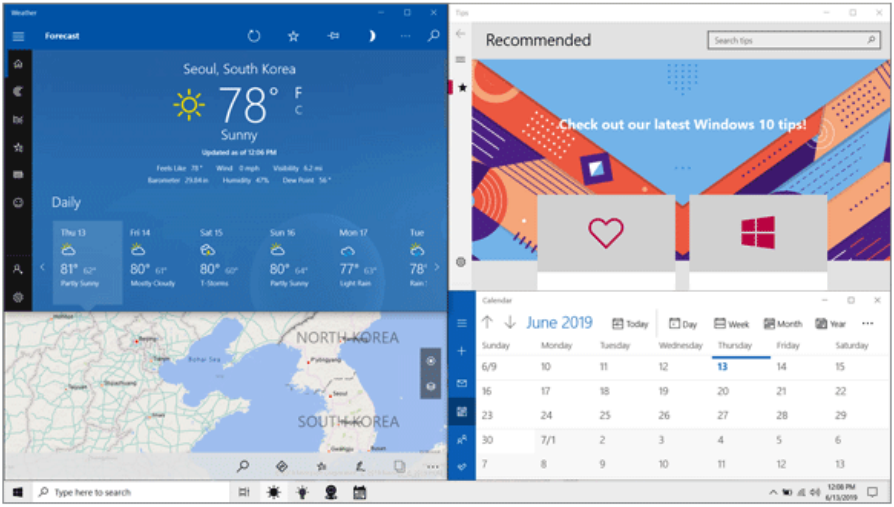
TIP

The screen is split according to the guideline.



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





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

Using the Store

You can purchase apps or get free apps from Windows 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.

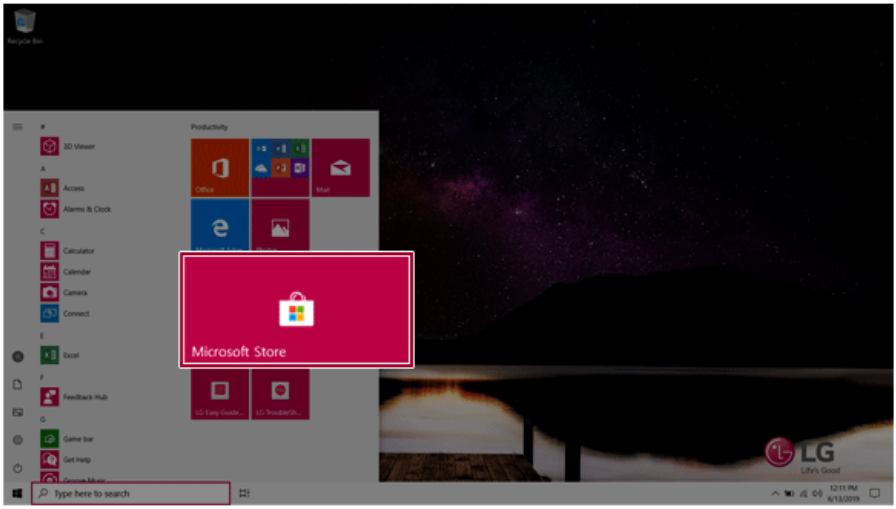
You can also do so by selecting [Start menu] > [Account] > [Change Account Settings].

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

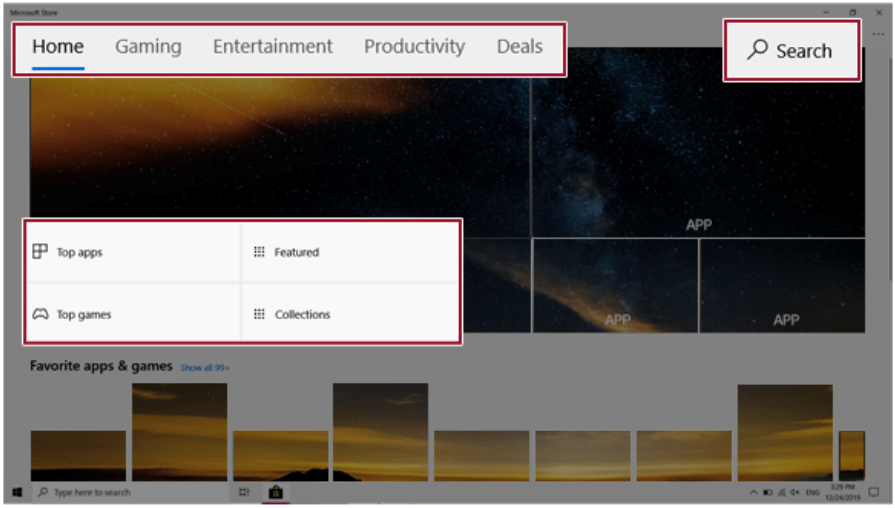
1 Press the [ ] button to move to the Start menu and select the **[Microsoft Store]** tile.

TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Select the app or use the search function on the store screen to install the desired app.



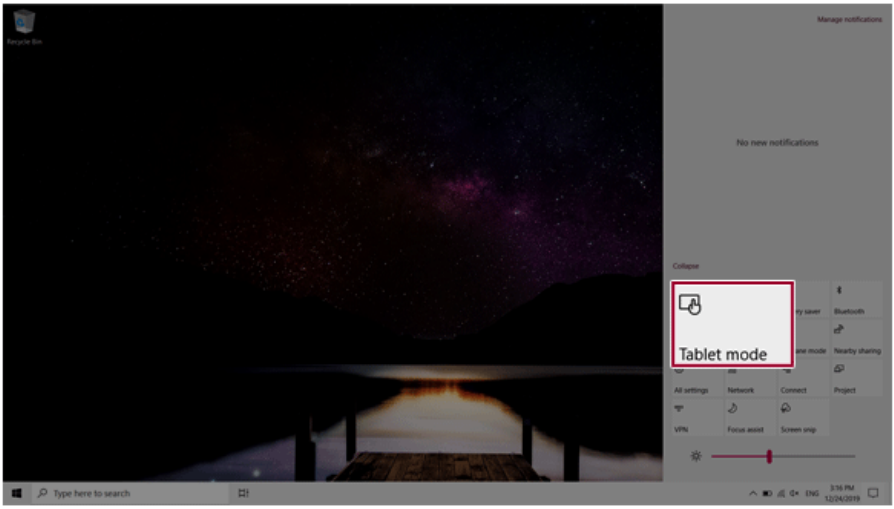
Switching to Tablet Mode

If you are using Windows on a tablet PC, you can easily switch to the tablet mode.

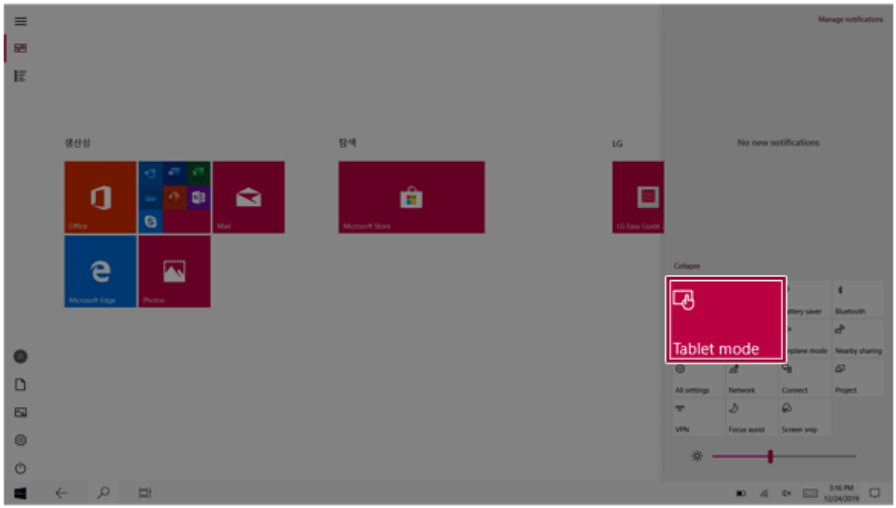
1 Press the Action Center [ ] icon on the right side of the taskbar.



2 Select **[Tablet Mode]** to switch Windows to tablet mode.



3 Select **[Tablet Mode]** again to deactivate the mode.



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 From the lock screen, press any key on the keyboard or drag up while you click and hold the mouse button.



2 When the login window appears, enter the password and click [Enter].
(If no password is set, press the login button to immediately unlock the screen.)

ENGLISH

Setting the PC

Windows 10 supports various functions so that the user can change the PC setting easily and quickly.

Using Action Center

You can use the Action Center to easily change the settings for tablet mode, display, media connection and network settings.

The functions supported by the Action Center may differ depending on the model.

1 Press the Action Center [ ] icon on the right side of the taskbar.



2 Change the PC settings as needed.

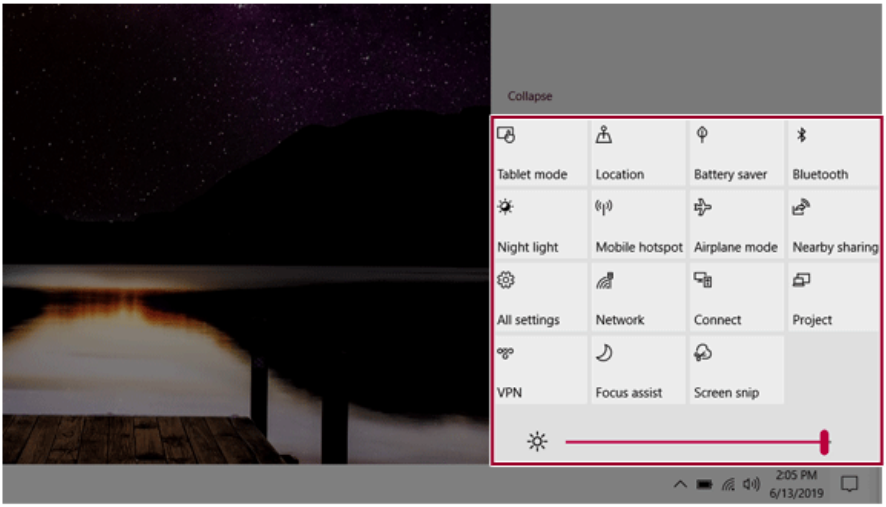
TIP

If the tile does not appear, press the [Expand] menu.

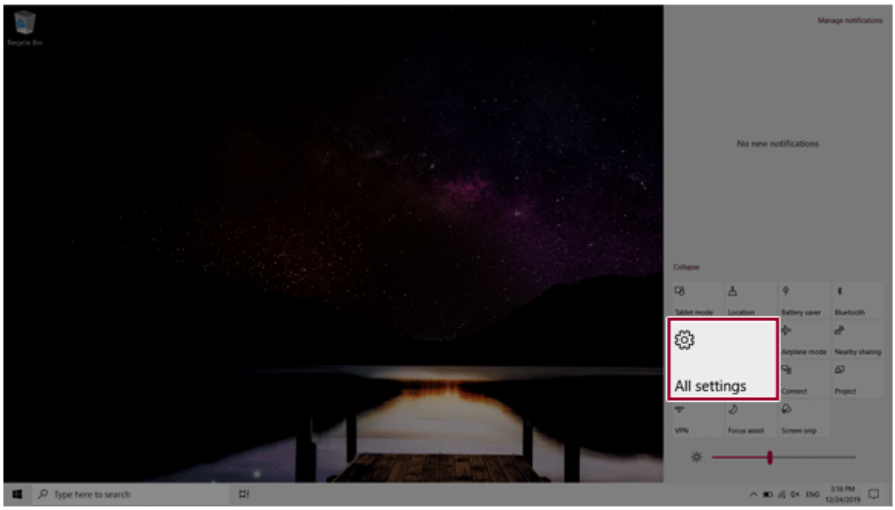
CAUTION

Using the **Reader Mode** and the **Night light** at the same time can cause color distortion.

If color distortion occurs, deactivate the **Reader Mode** or the **Night light**.

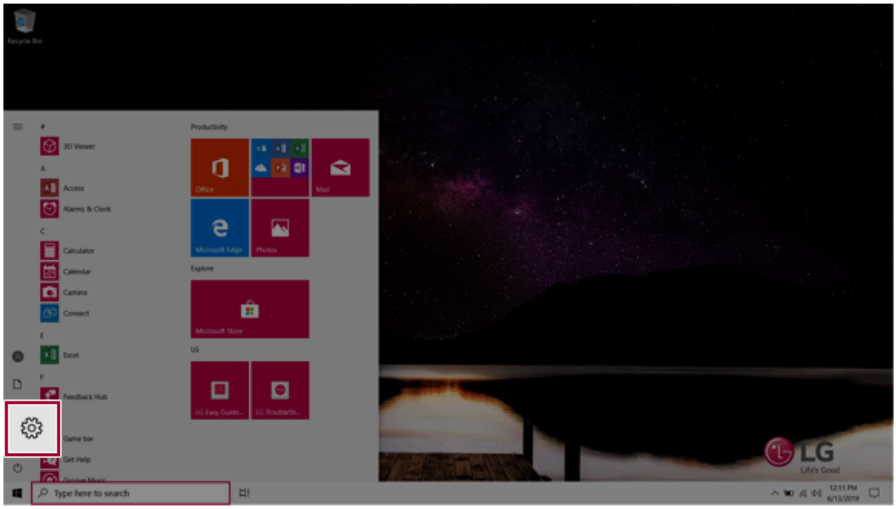


3 To change the detailed settings of the PC, press the **[All Settings]** tile.

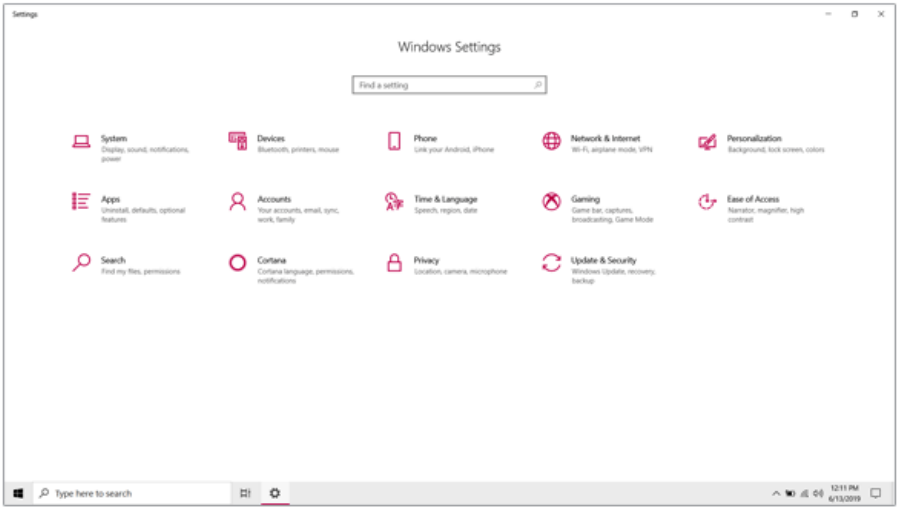


Using the Start Menu

1 Press the [ ] button and select the **[Settings]** menu.



2 When the screen for PC's detailed settings appears, select and change the settings as needed.



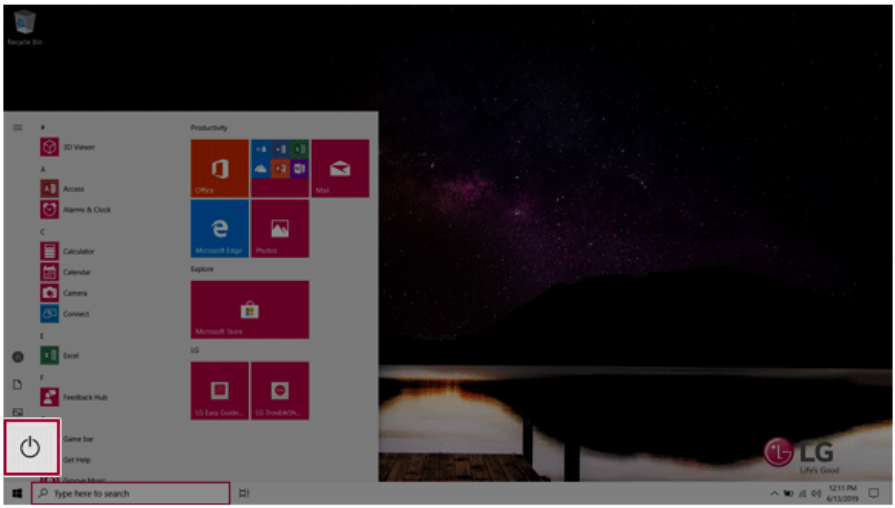
Windows Shutdown Option

In Windows 10, you can use the Windows shutdown option by following these steps:

1 Click the [ ] button and select the **[Power]** menu.

TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Select a Windows shutdown option.

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 to the PC.
3. Adjust the LCD to the most comfortable angle.
4. Press the PC's power button to turn on the system.

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 power port in 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 power 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 used for an extended 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 charged, the battery lifespan may decrease.

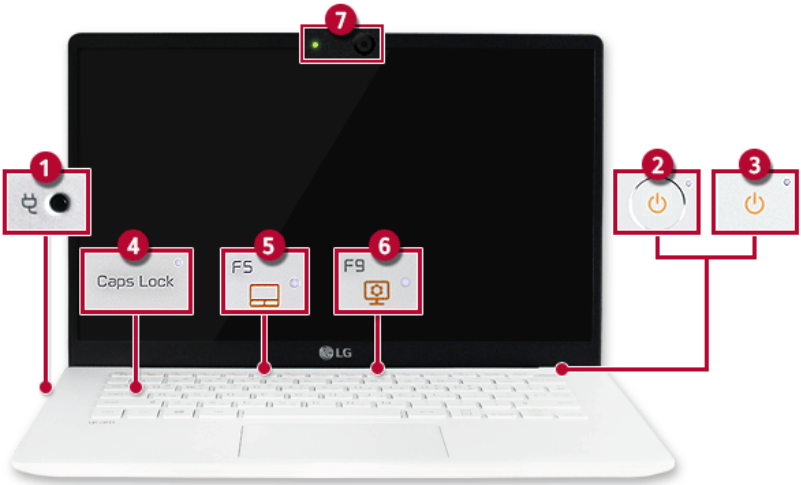
The battery capacity may change due to chemical reactions during charge and discharge.

- 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 Power lamp (a model with fingerprint recognition system)
- 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.

3 Power lamp (a model without fingerprint recognition system)
- 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 **Caps Lock** Lamp
- On: When the **Caps Lock** is activated
- Off: When the **Caps Lock** is deactivated

5 Touchpad Lamp
- On: When the touchpad is activated
- Off: When the touchpad is deactivated

6 **Reader Mode** Lamp
- On: When the **Reader Mode** is activated
- Off: When the **Reader Mode** is deactivated

7 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 **LG Control Center**
Fn + F2	Decreases LCD brightness, which can have eleven different levels.
Fn + F3	Increases LCD brightness, which can have eleven different levels.
Fn + F4	Runs the mode defined in Windows **Sleep Mode**. (Example: Standby Mode, Hibernate Mode)
Fn + F5	Every time you press [Fn] + [F5], the mode switches between **Touchpad Off** (touchpad is disabled) and **Touchpad On** (touchpad is enabled). To set **Touchpad Auto** (touchpad is disabled when an external USB mouse is inserted), press the [ ] button and disable [Leave touchpad on when a mouse is connected] under [Settings] > [Devices] > [Touchpad]. Every time you press [Fn] + [F5], the mode switches between **Touchpad Off** and **Touchpad Auto**. TIP 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	Changing Keyboard Backlight Mode

Fn + F9	Switching to **Reader Mode**.
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 + 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**

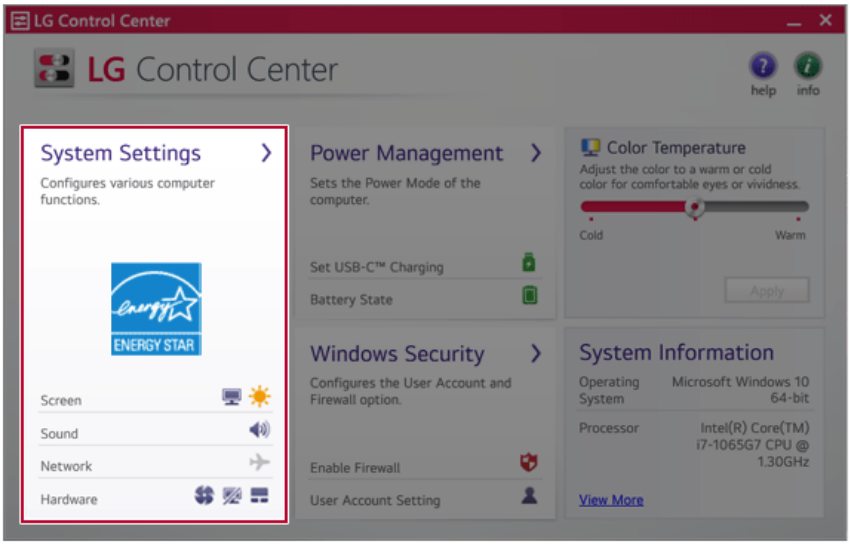
TIP

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

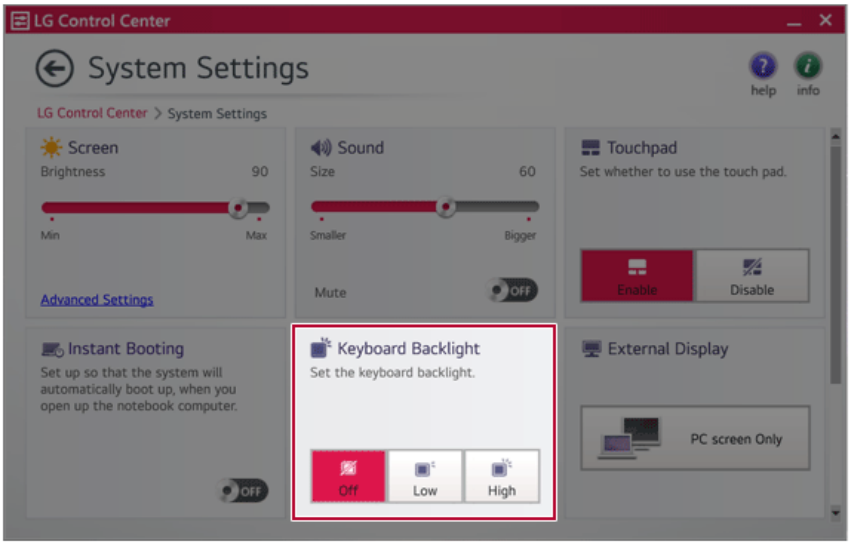
- Each time you press the [Fn] + [F8] keys, the status changes to **KBD Backlight Off**, **KBD Backlight Low**, and then **KBD Backlight High** in the specified order.

1 Select the [ ] button > [LG Software] to run **[LG Control Center]**.

2 On the **LG Control Center** screen, select the **[System Settings]** menu.



3 Go to **Keyboard Backlight** and select your desired options.



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 Bright-ness	[Fn] + [F2], [F3]	Press the [F2] key to darken the screen or the [F3] key to brighten it. Press the Action Center [ ] icon on the right side of taskbar to run the Action Center. Then move the screen brightness bar to adjust the screen brightness. 
Volume	[Fn] + [F11], [F12]	Press the [F11] key to lower the volume or [F12] key to increase the volume. Press the [ ] icon on the right side of the taskbar to adjust the volume.
Mute	[Fn] + [F10]	Press the button to turn on or off the mute feature. Press the [ ] icon on the right side of the taskbar to mute the sound.

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 Press the [ ] > [SmartAudio 2] button to execute SMART Audio.

TIP

The feature may take a few minutes if it is the first time.



2 The on-screen picture turns to a headphone icon when you connect a headphone or earphones.



3 Toggle Hearing Protection Feature on and off by pressing the headphone icon.

- Hearing Protection Feature On



- Hearing Protection Feature Off

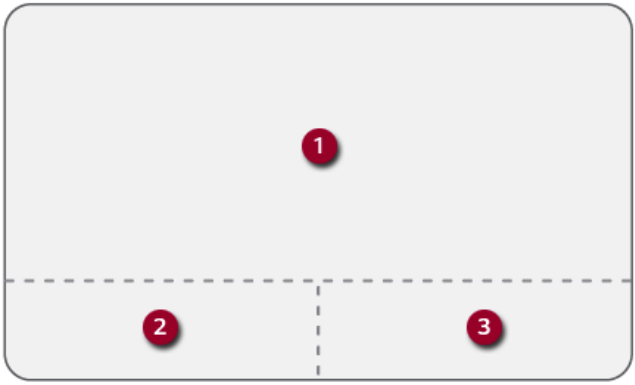


TIP

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.

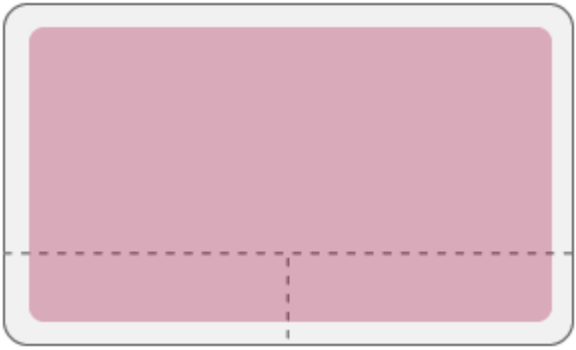
3 Right button
- Functions as the right button of a mouse in most cases. However, the usage may differ depending on programs.

TIP

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

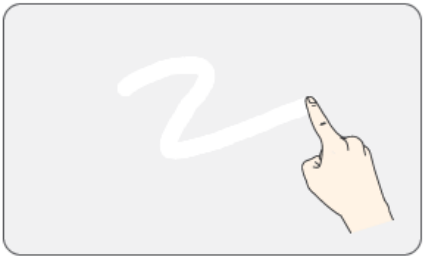
Precautions for Using the Touchpad

- 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

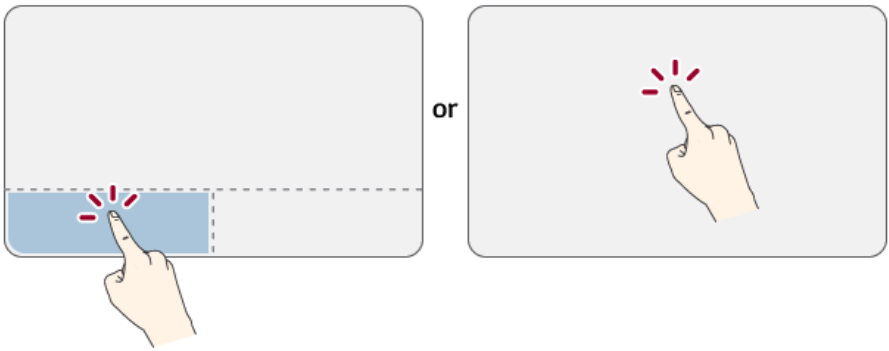
Place a finger on the touchpad and glide the finger.



Click (Select)

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

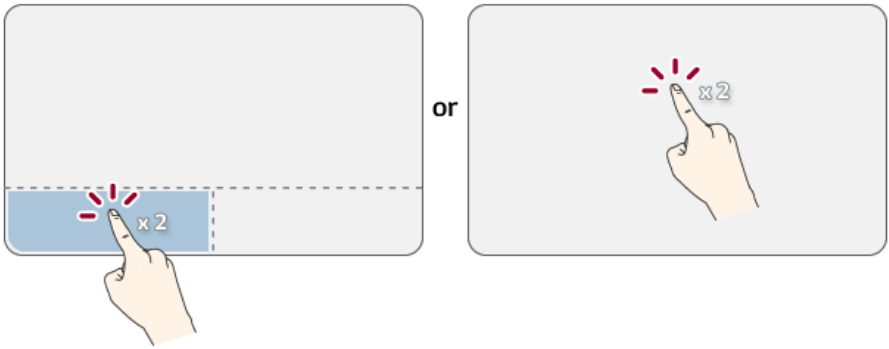
Do this, for example, to select a menu or icon and to place the cursor to type on a word processor file.



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

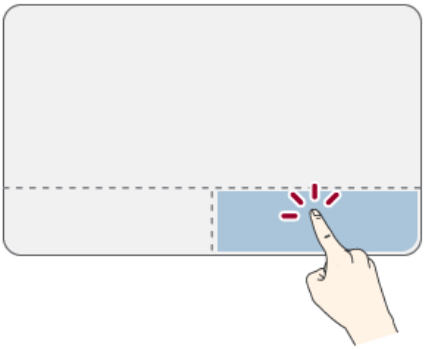
Notes on Using the Touchpad

- 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.

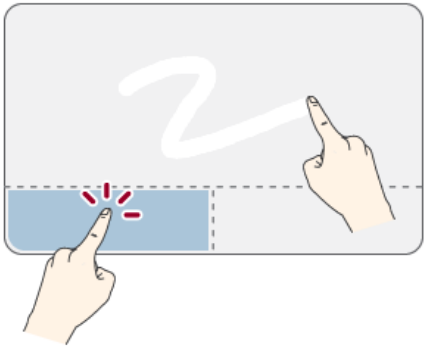


Drag & Drop

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.)

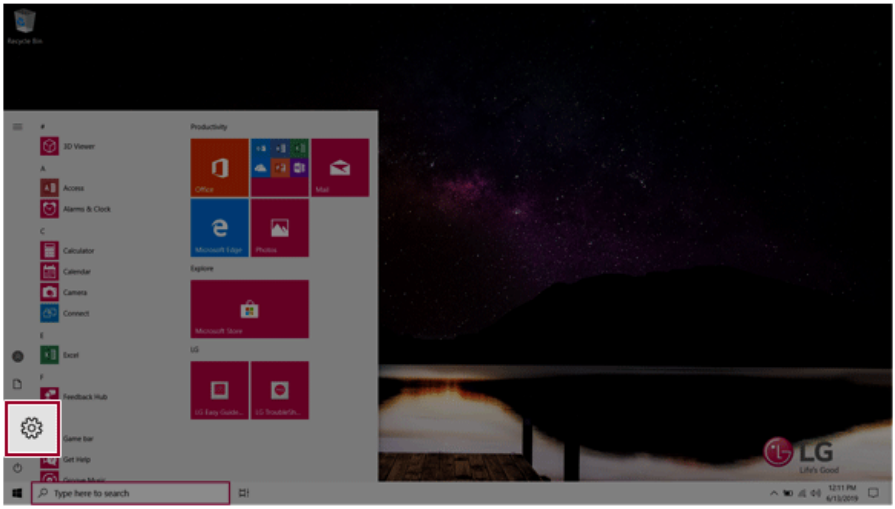
ClickLock

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

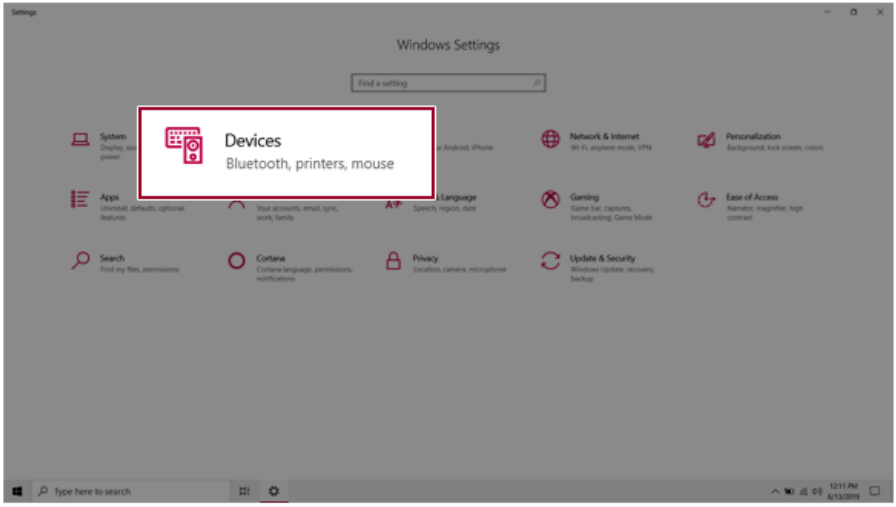
1 Click the [ ] button and select the [Settings] menu.

TIP

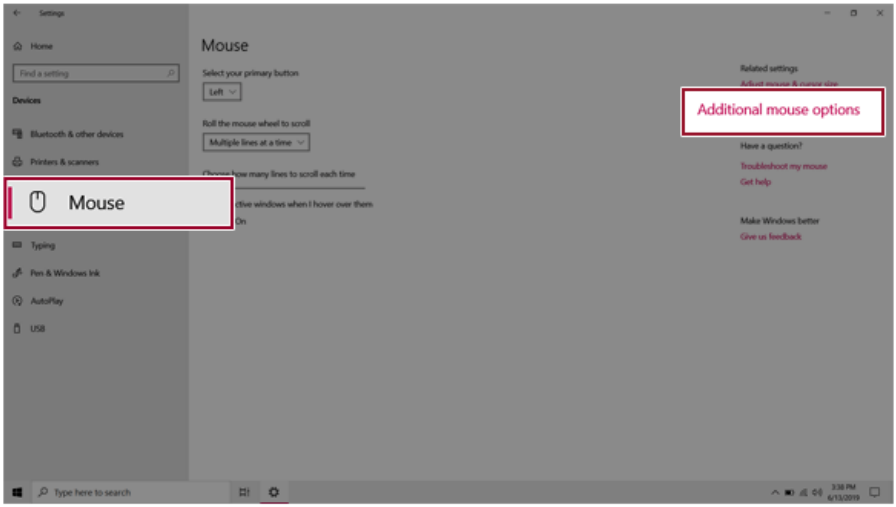
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



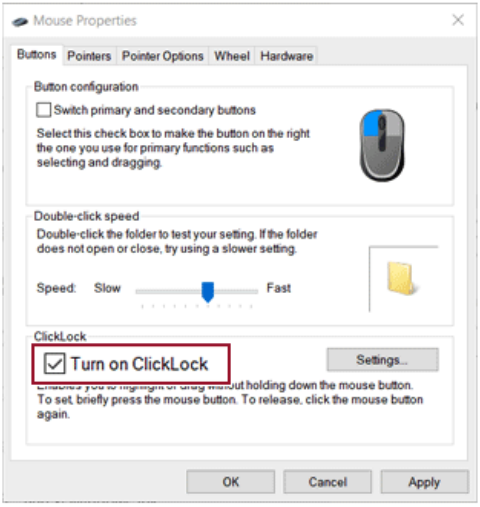
2 When the [Settings] screen appears, select [Devices].



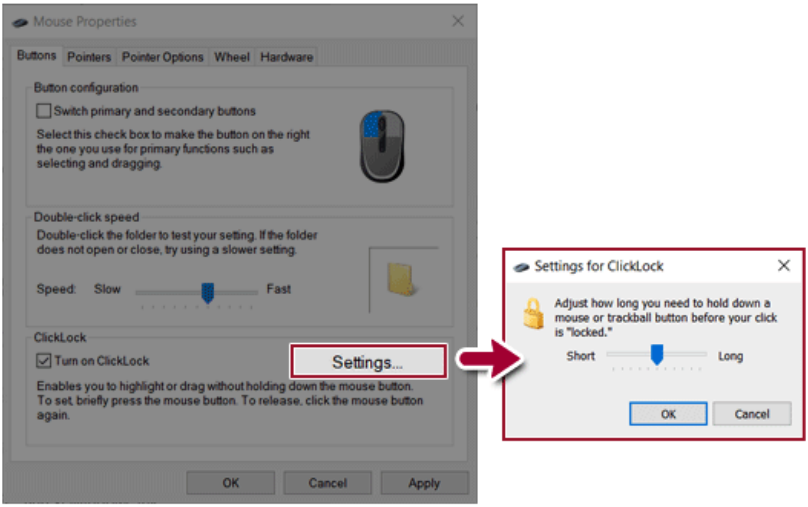
3 Select [Mouse] > [Additional Mouse Options].



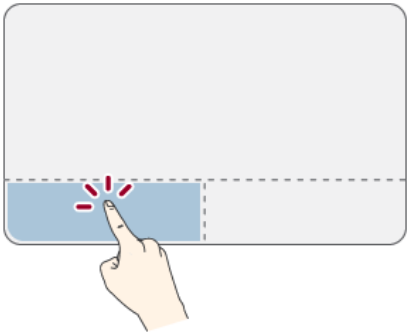
4 When [Mouse Properties] screen appears, select [Turn on ClickLock].



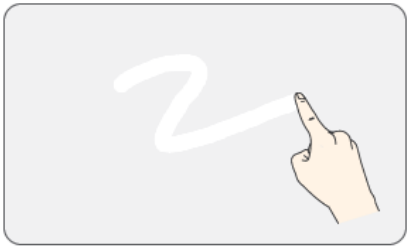
5 Press [Settings] to set the time for the ClickLock.



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



7 Move on the touchpad to use the drag/scroll feature.



8 Press the left mouse button to turn off the ClickLock.

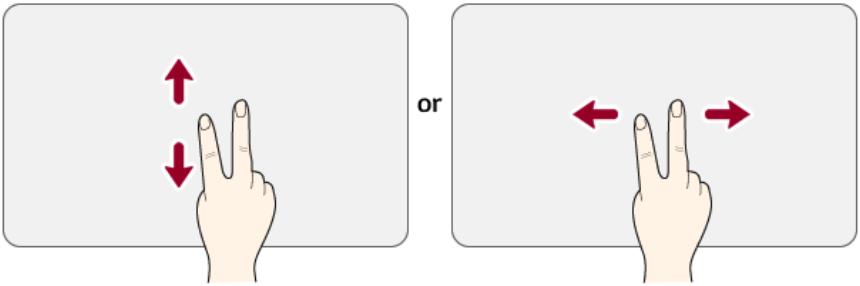
Touchpad Gesture

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

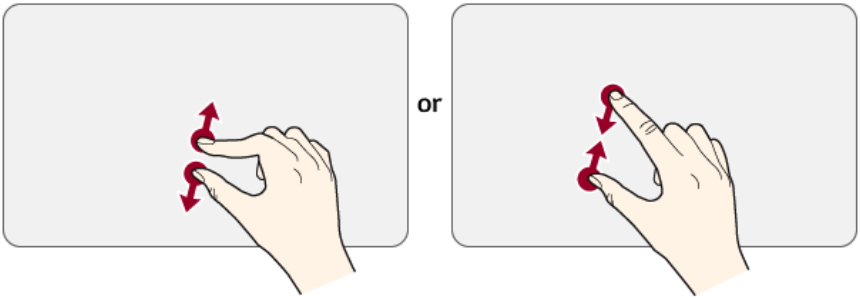
Windows 10 Touchpad Gestures allow you to use the PC more easily.

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

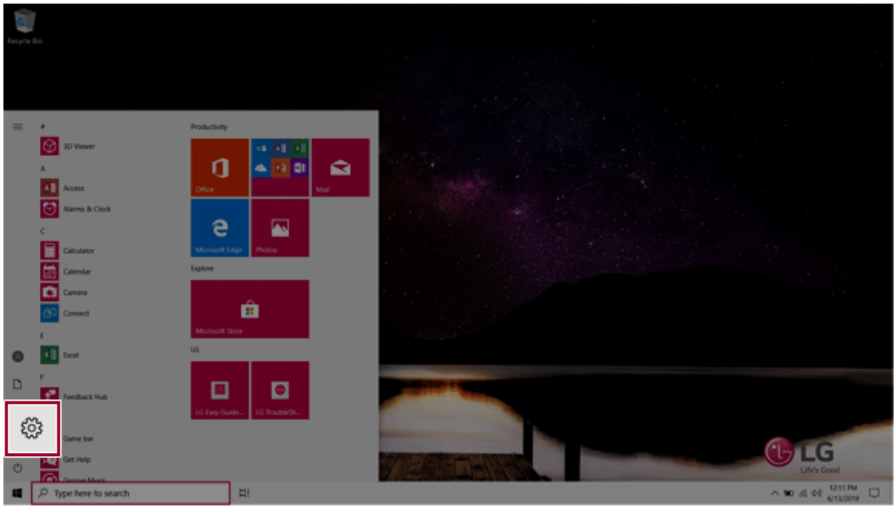
You can change the touchpad features or enable/disable the gesture feature.

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

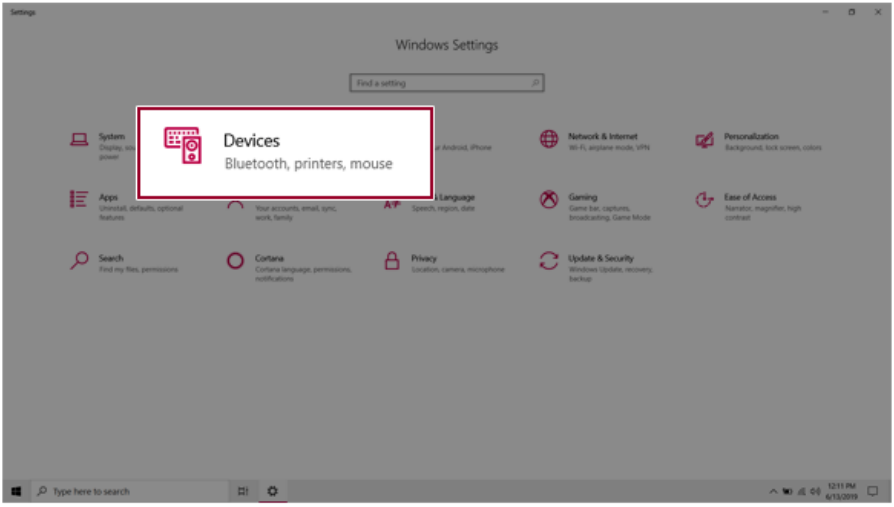
1 Click the [ ] button and select the [Settings] menu.

TIP

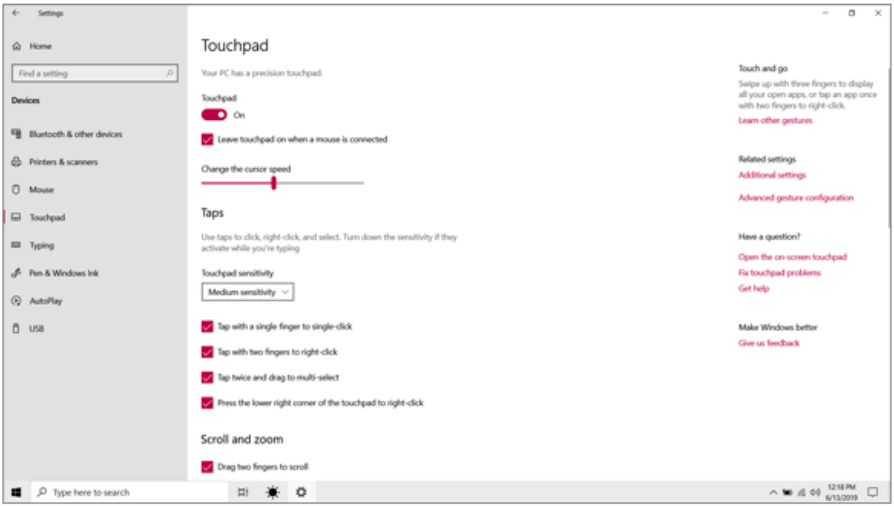
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 When the [Settings] screen appears, select [Devices].



3 Change the settings as needed on the [Touchpad] menu.



Connecting to External Display

Connecting to the HDMI Port

HDMI is a high-speed multimedia interface that can transfer uncompressed full digital audio and video signals.

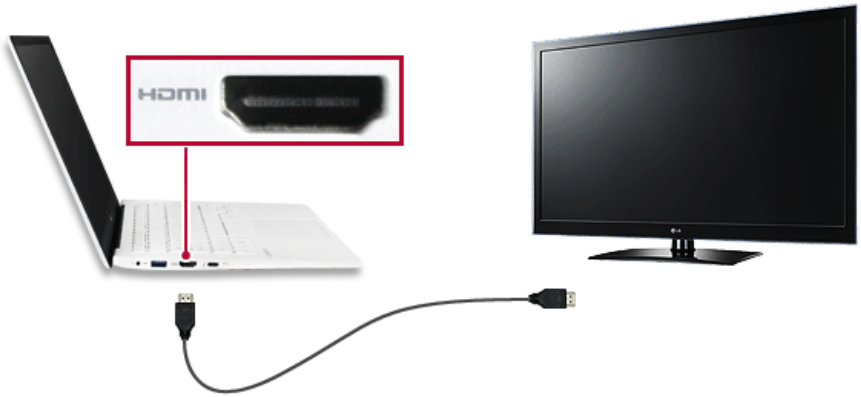
In some models, DTS Audio may not work when you use HDMI.

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.

ENGLISH

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 Press the Action Center [ ] icon on the right side of the taskbar.



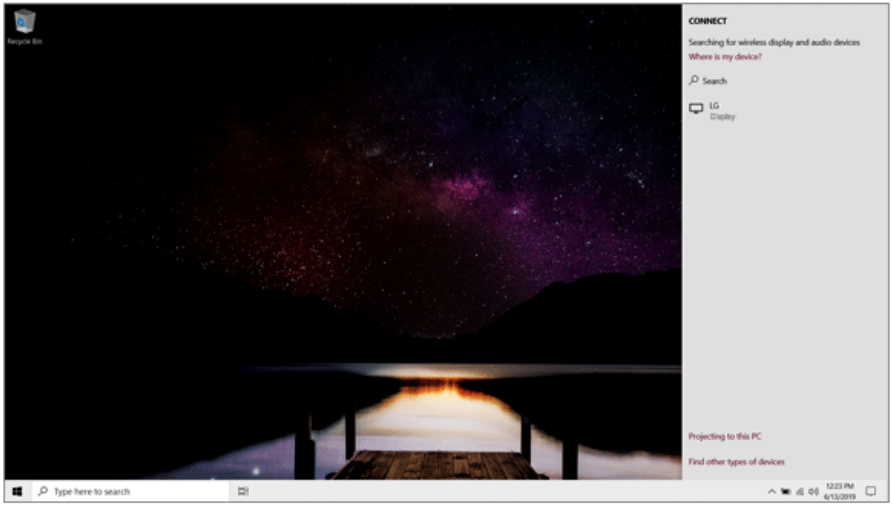
2 When the Action Center screen appears, press the **[Connect]** tile.

TIP

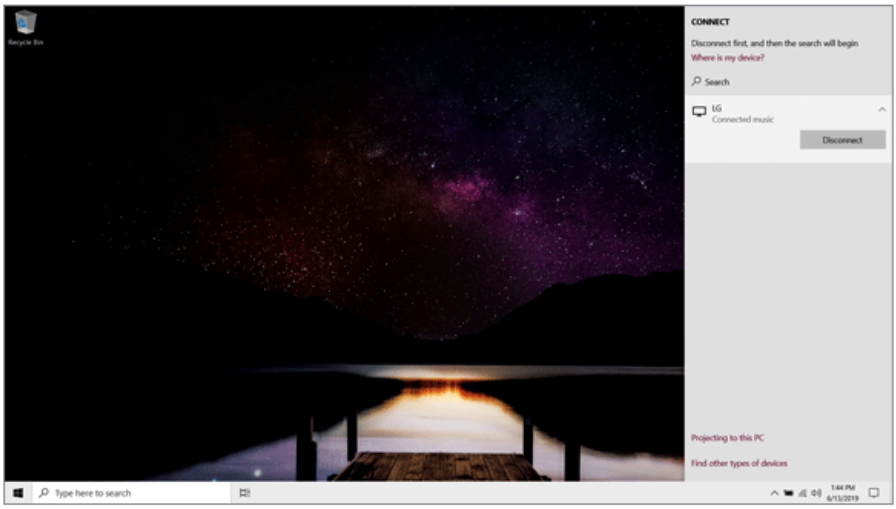
If the tile does not appear, press the [Expand] menu.



3 Search for wireless display devices in the proximity.



4 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 3.1 Gen 2 standards.

Use the USB-C™ port to connect USB devices or to output a screen to an external display.

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 3.1 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.

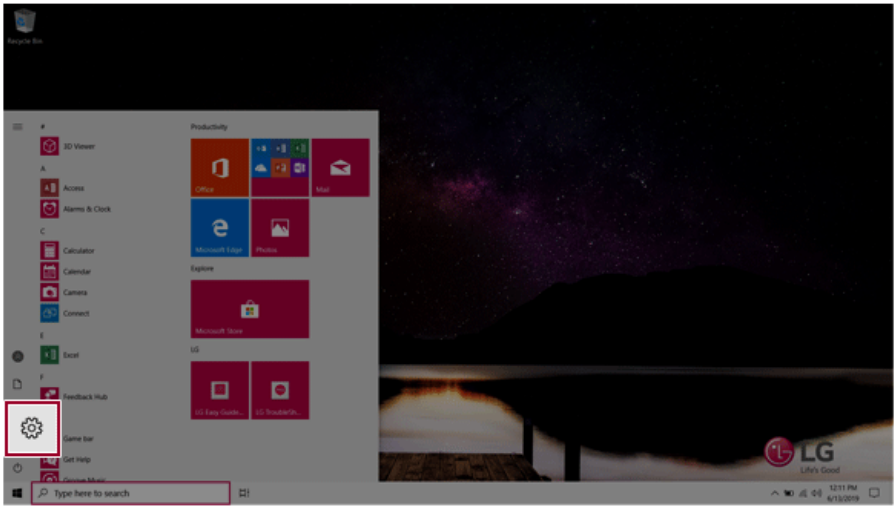
Connecting two notebook PCs that support Thunderbolt™

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

1 Press the [ ] button and select the **[Settings]** menu.

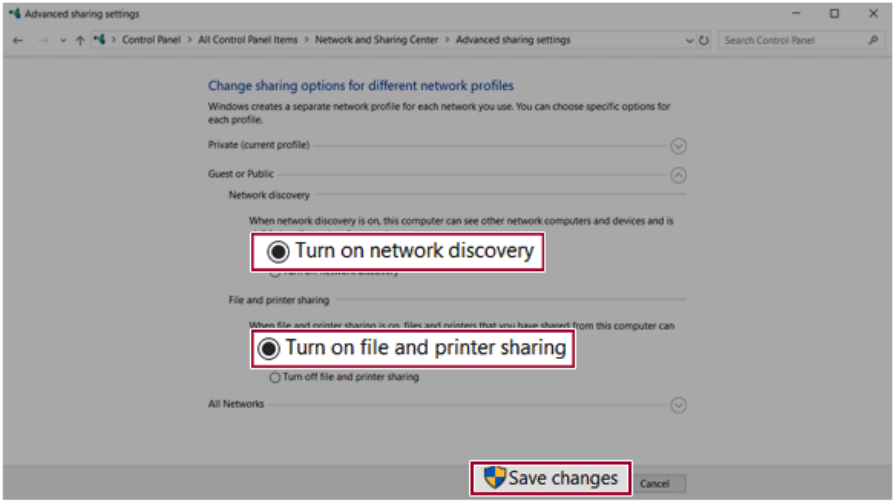
TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Select [Network & Internet] > [Status] > [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 a USB-C™ device to charge a notebook PC battery or other external devices.

- 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 can be charged at 10 W (5 V / 2 A), 15 W (5 V / 3 A), and 18 W (9 V / 2 A).
- USB PD (Power Delivery) supports charging at 15 W (5 V / 3 A) or 18 W (9 V / 2 A) when connected, whereas a regular USB device supports general charging at 10 W (5 V / 2 A).
- When the remaining battery capacity of the notebook PC falls below 10 %, both USB PD and regular USB device support charging at 10 W (5 V / 2 A) only.
- Always-On Charging is supported only with USB-C™ ports, but not with the regular USB ports.
- If you connect an AC adapter while the notebook PC is being used to charge an external device, it may take more time to charge the notebook PC.

Using the Charging Function

LG Control Center can be used to set one of the three charging functions: Automatic, Sink and Source.

TIP

For information on how to use **LG Control Center**, refer to [Using Software] > [LG Control Center].

1 **Automatic**

The operation mode is automatically selected depending on the charge settings of the connected device.

- 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.)



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



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



2 **Sink**

The connected device is used to charge the notebook PC.



TIP

If the connected device is set to Sink, the charging function does not work.



3 Source

The notebook PC is used to charge the connected device.



TIP

If the connected device is set to Source, the charging function does not work.



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

When you set the charging function for a USB-C™ port in **LG Control Center**, beware of the following:

- If you changed the charge setting, it is recommended that you remove the USB-C™ cable and re-connect it.
- If you restart the system or turn off the power, the charge setting is changed to [Automatic].
- If the charge setting is set to [Sink], some of the devices connected to the USB-C™ port may not work properly.
- Always-On Charging only supports the ON (automatic) and OFF options.
- 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.

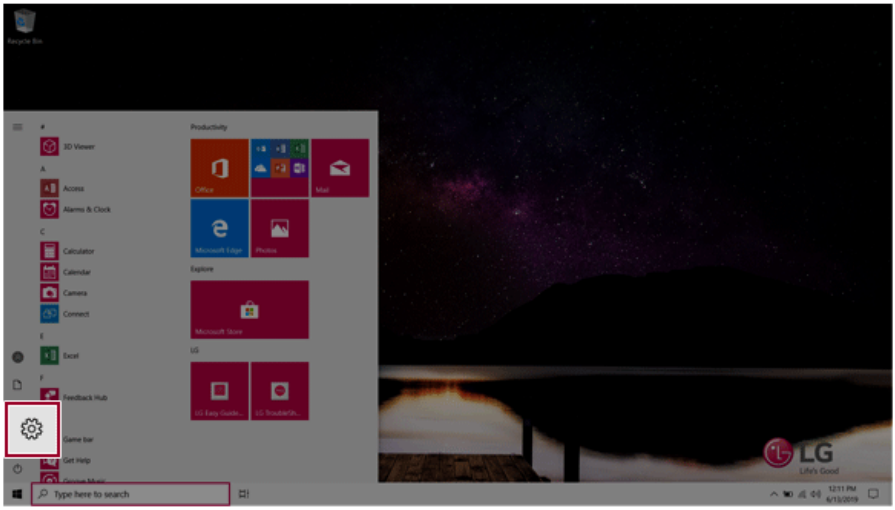
The figures herein may differ by language selection and are subject to change without prior notice.

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

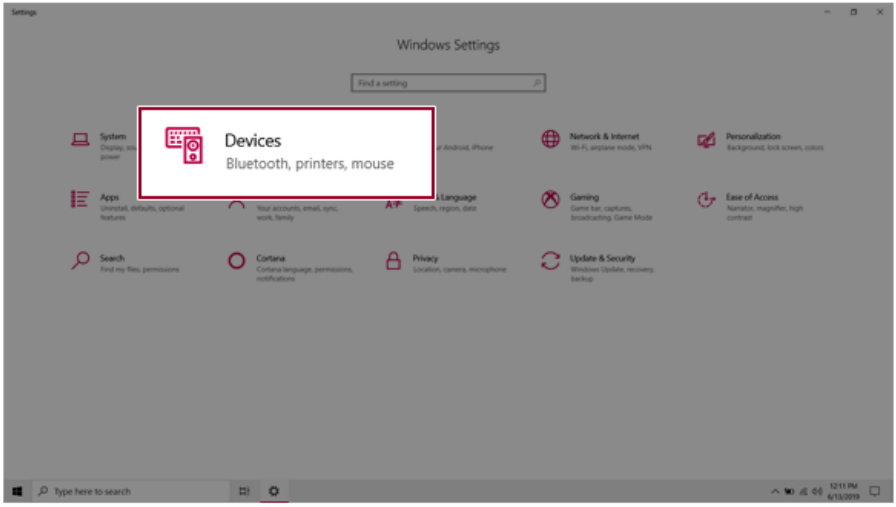
1 Click the [ ] button and select the [Settings] menu.

TIP

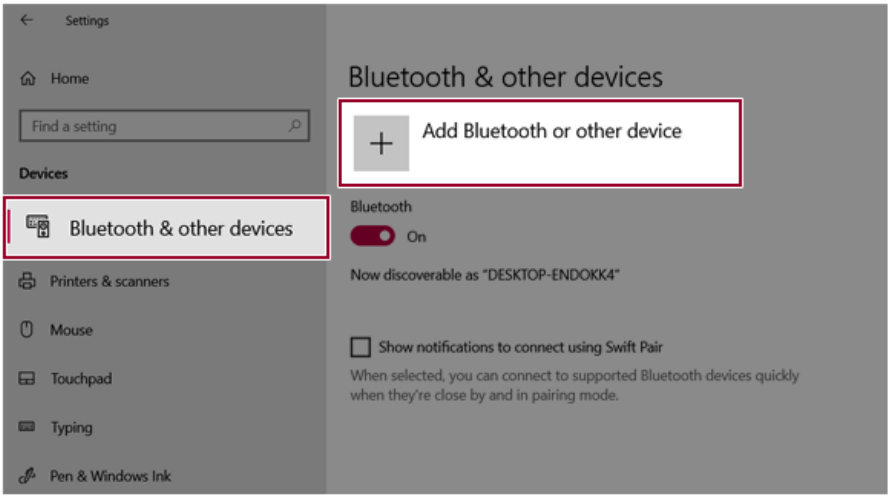
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.

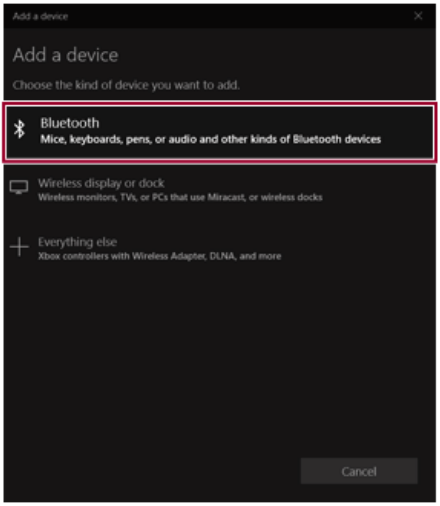


2 When the [Settings] screen appears, select [Devices].

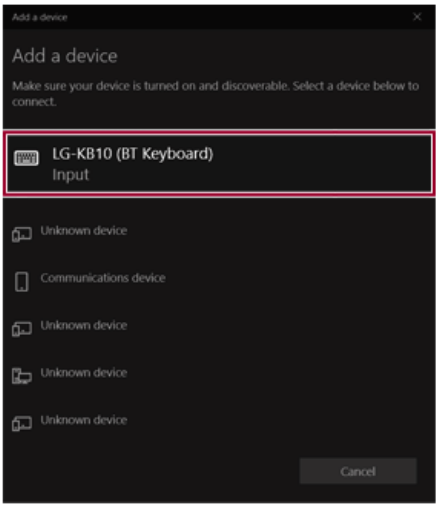


3 Select **[Bluetooth & other devices]** > **[Add Bluetooth or other device]** > **[Bluetooth]** to search for Bluetooth devices.





4 Select a device to connect to.



5 Complete the Bluetooth connection as directed.

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.



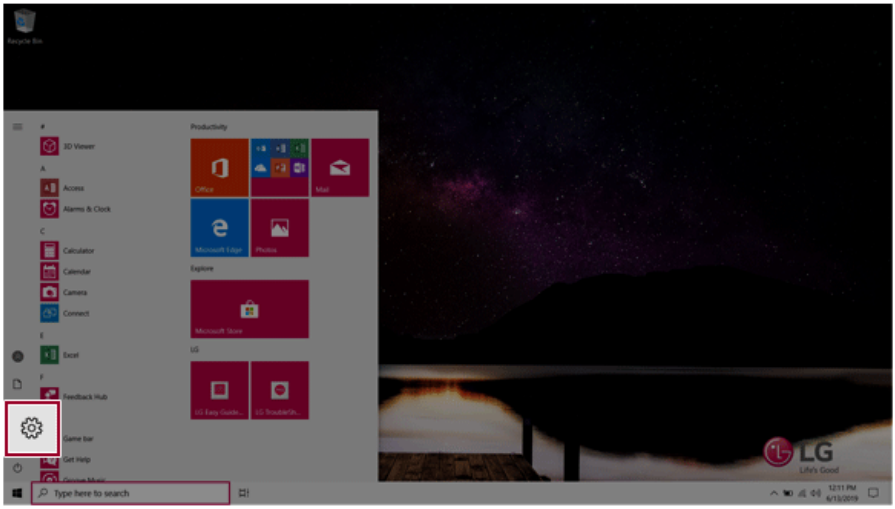
2 Connect the wired LAN cable to the LAN port.



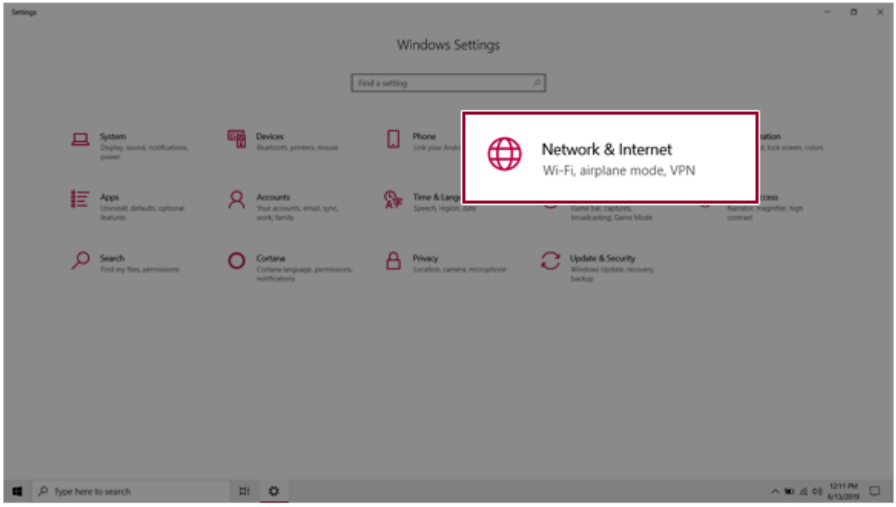
3 Press the [ ] button and select the **[Settings]** menu.

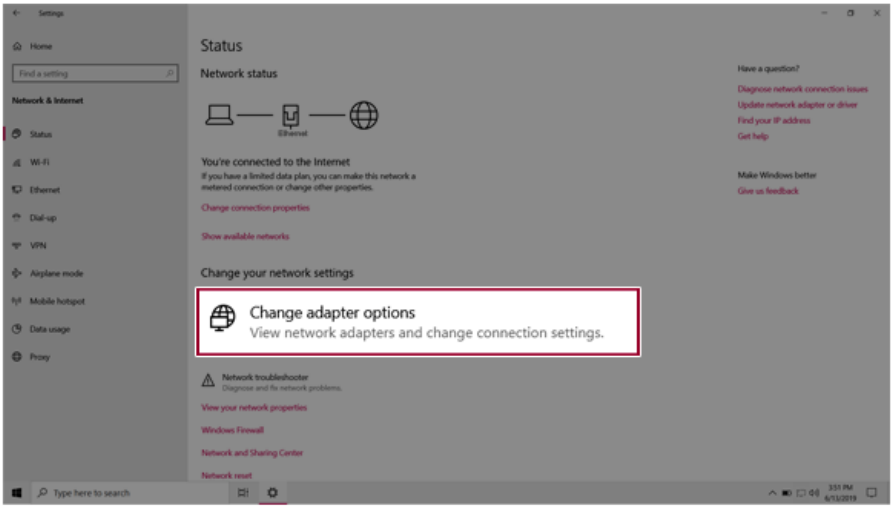
TIP

Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.

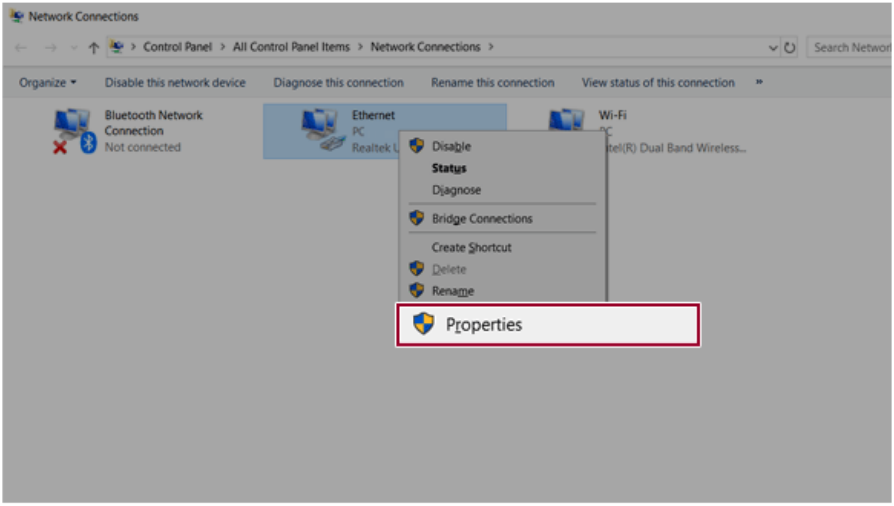


4 Select **[Network & Internet]** > **[Status]** > **[Change adapter options]**.

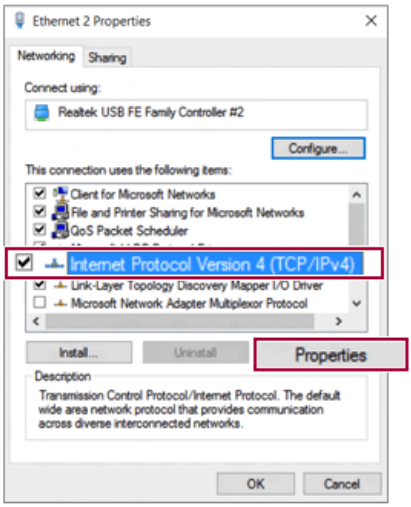




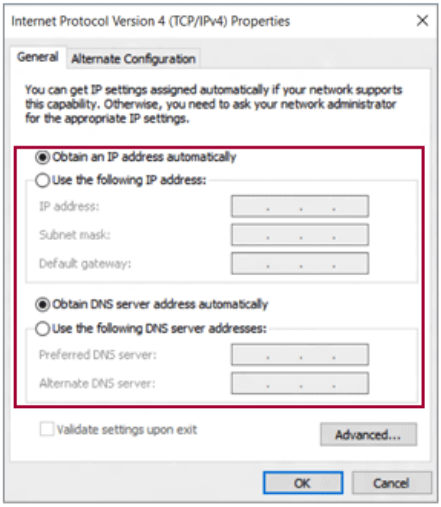
5 Right-click **[Ethernet]** and select the **[Properties]** menu.



6 Select **[Internet Protocol Version 4 (TCP/IPv4)]** and then click **[Properties]**.



7 To use an automatic IP(DHCP), select **[Obtain an IP address automatically]**. If you wish to use a static IP, select **[Use the following IP address]** to enter the address.
Contact the network service provider or administrator to use a static IP.



8 Press **[OK]** to complete the network setup.

9 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.

During the search for a wireless network (Wireless LAN), various Access Points may be found according to the location where the PC is used.

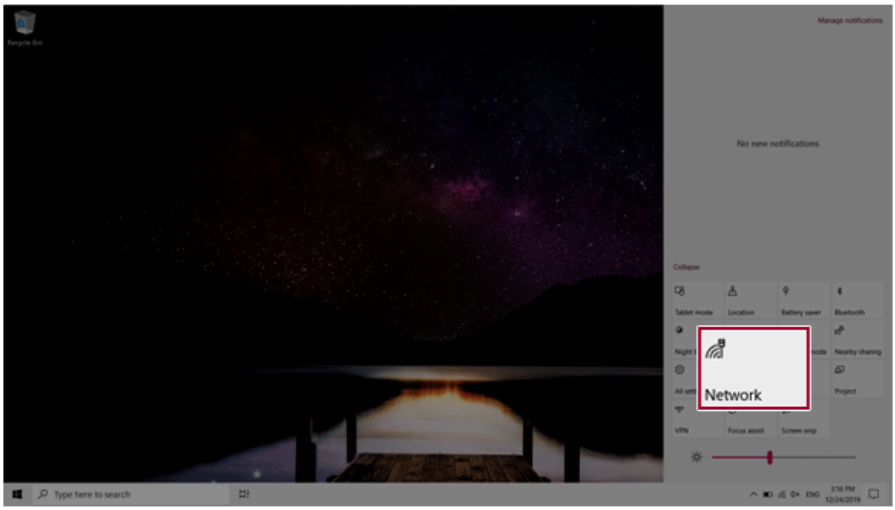
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

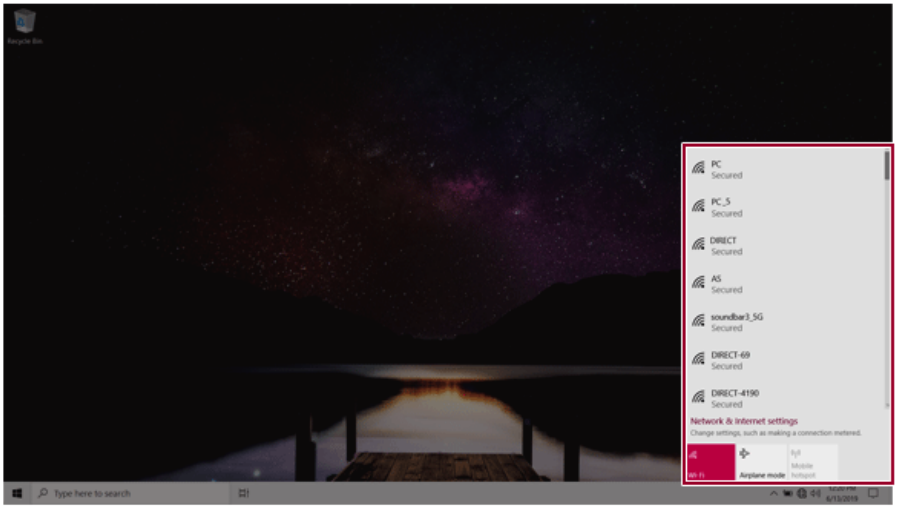
A password protected Access Point cannot be accessed without the correct password.

1 Press the Action Center [ ] icon on the right side of the taskbar.



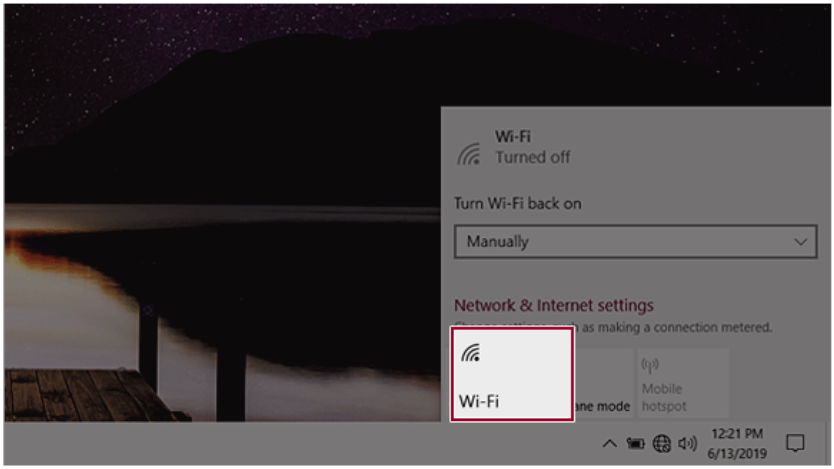
2 Press the **[Network]** tile to search for a nearby Access Point.



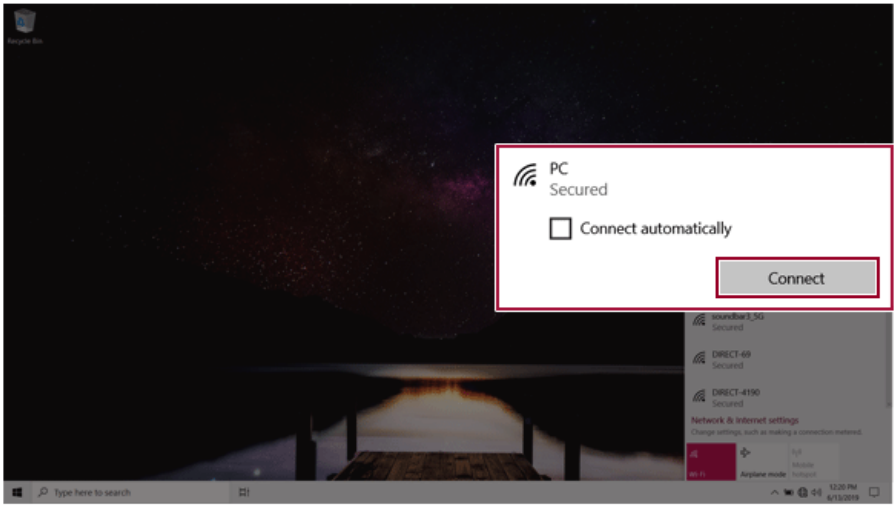


TIP

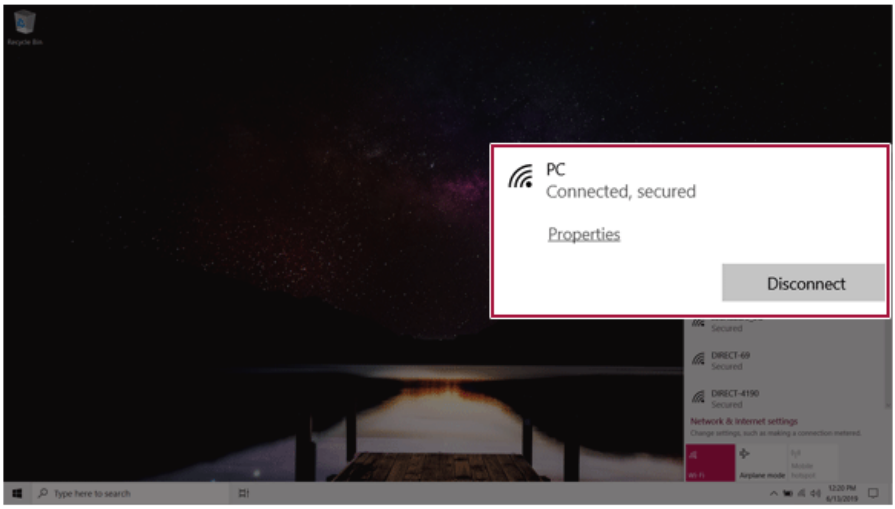
If **Wi-Fi** is turned off, press the **[Wi-Fi]** tile.



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

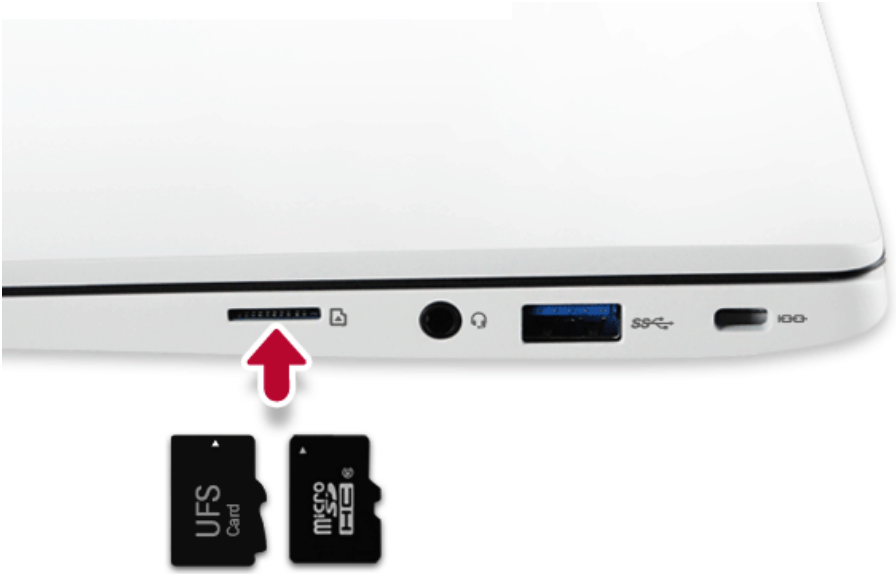


micro SD

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

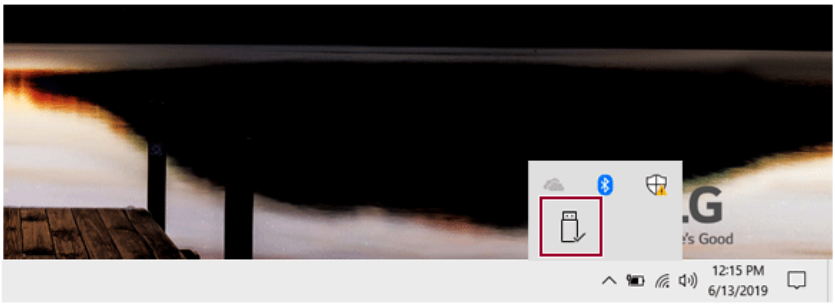
Push the card with your finger to make the card spring out of the slot. Remove the memory card.

TIP

To safely remove a Micro SD card:

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

1 Click **Safely Remove Hardware and other Media** icon on the right side of the taskbar.



2 Select **Remove Multi-Card USB Device** to safely remove hardware.

Using Software

LG Control Center

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

TIP

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 [ ] button > [LG Software] to 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.

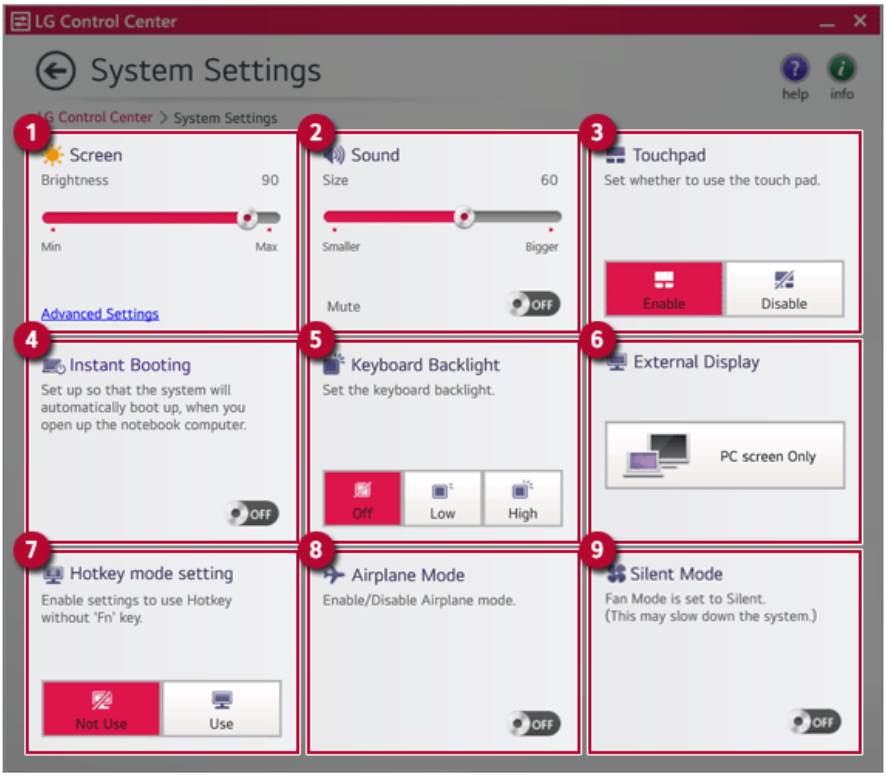
5 **Windows Security:** Sets User Account Control settings and Firewall settings.

6 **Color Temperature:** The screen color can be set to cold(with a bluish tint) or warm(with a reddish tint).

7 **System Information:** Displays the PC OS in use, processor information and other system information.

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:** Allows you to configure the Keyboard backlight.

6 **External Display:** Allows you to configure the connection mode of an external display connected to the PC.

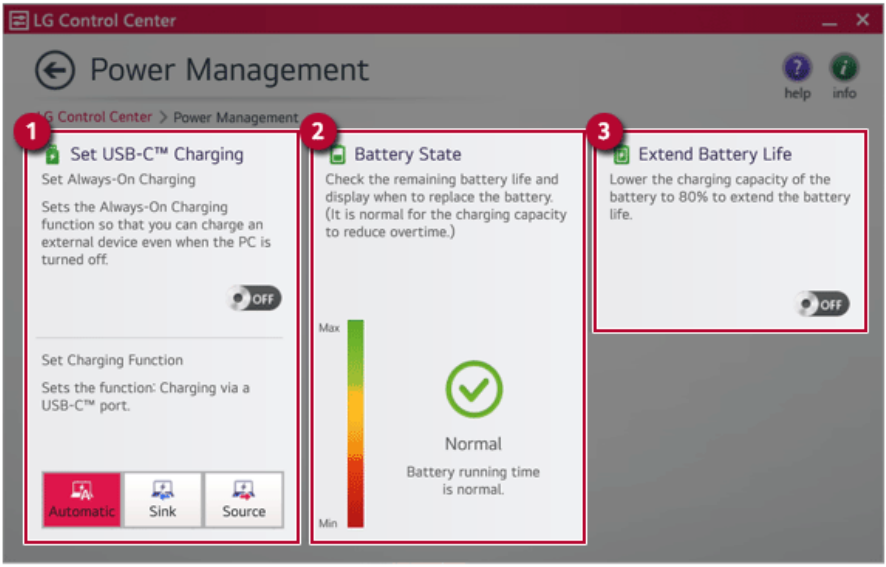
7 **Hotkey mode setting:** Allows you to set the hot keys(F1~F12) so that you can use them without pressing the **Fn** key.

8 **Airplane Mode:** Allows you to set the Airplane Mode. (It turns off the wireless LAN.)

9 **Silent Mode:** Allows you to set the fan to the silent mode.

Power Management Screen

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



1 **Set USB-C™ Charging**
   - **Set Always-On 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.
   - **Set Charging Function:** Sets the charging function for a USB-C™ port (Automatic, Sink, or Source).

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.

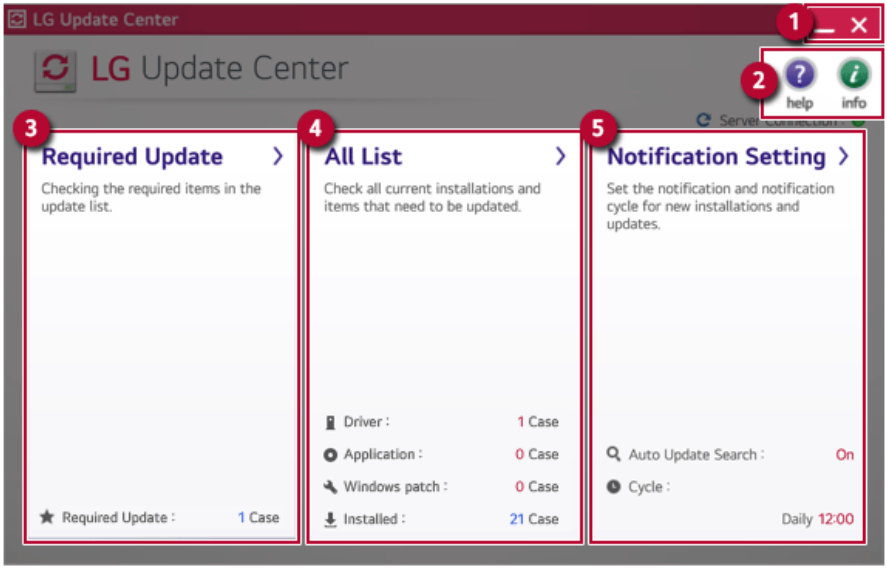
You can use the **LG Update Center** to quickly install the latest drivers, or reinstall any deleted drivers.

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 [ ] button > **[LG Software]** to 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.

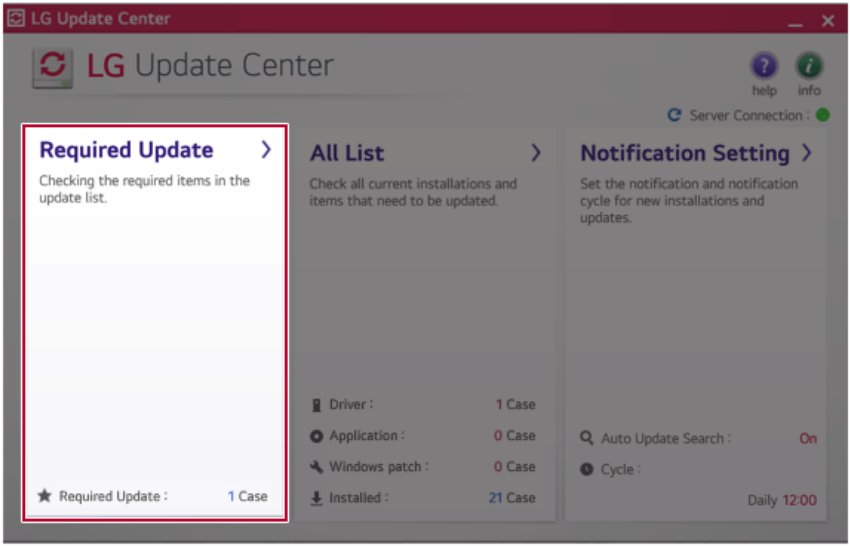
4 **All List:** Displays and installs all required items for the system.

5 **Notification Setting:** Sets up notifications for online updates for installed items.

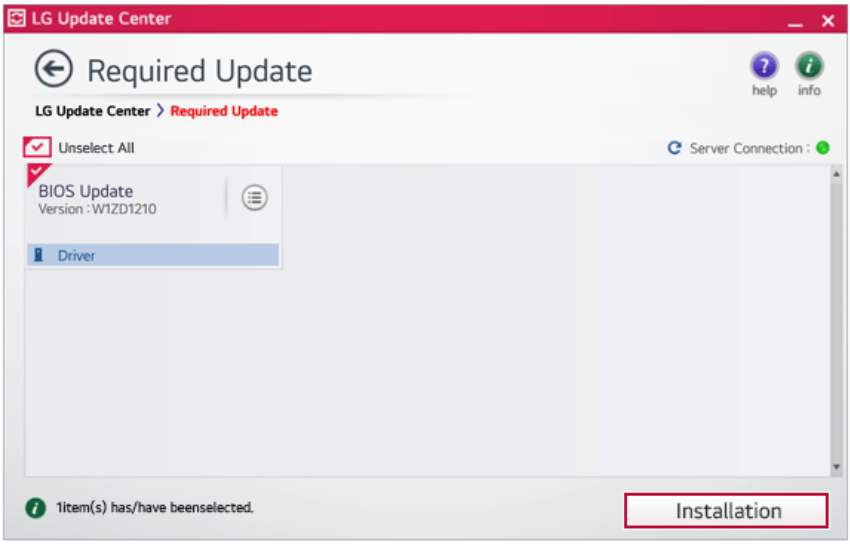
Required Update

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

1 Select the [Required Update] menu.



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



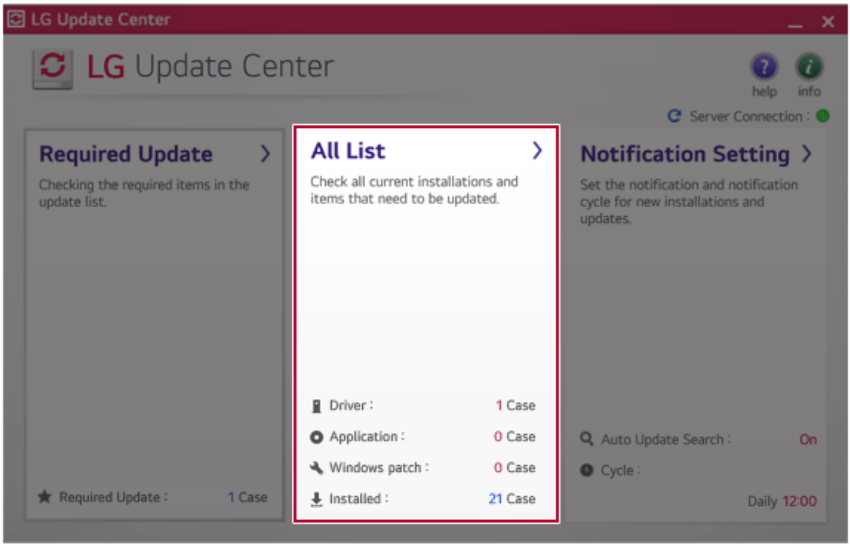
TIP

All items are selected by default.

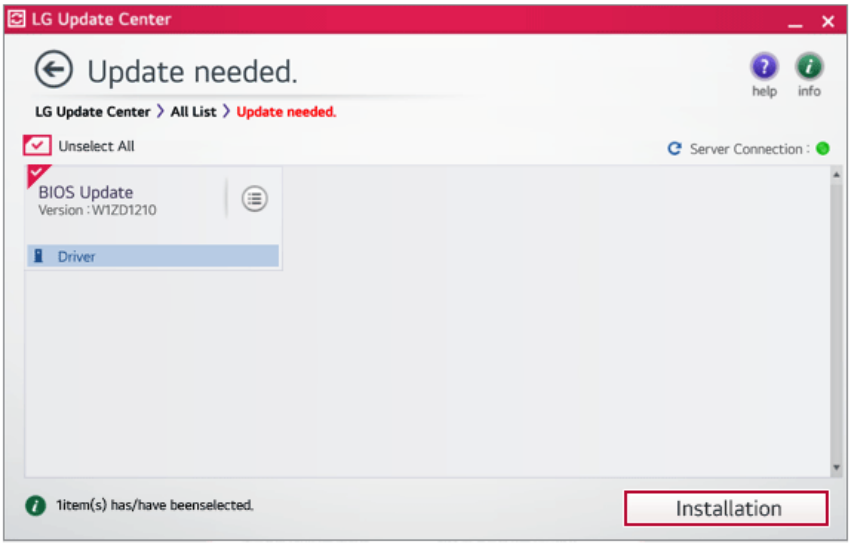
All List

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.

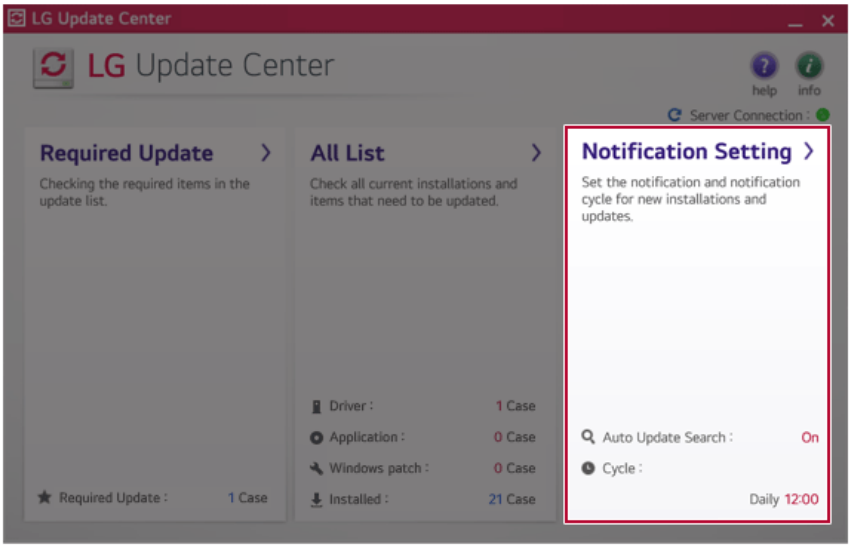
Notification Setting

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

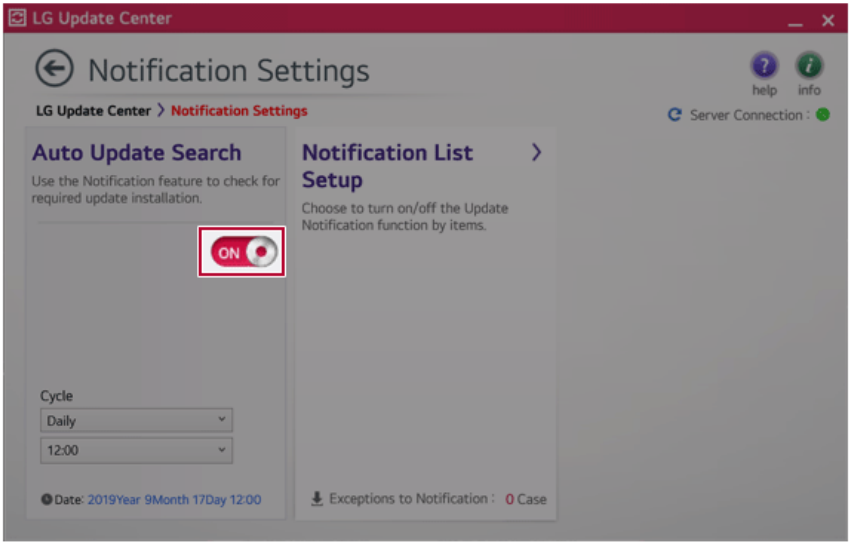
TIP

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

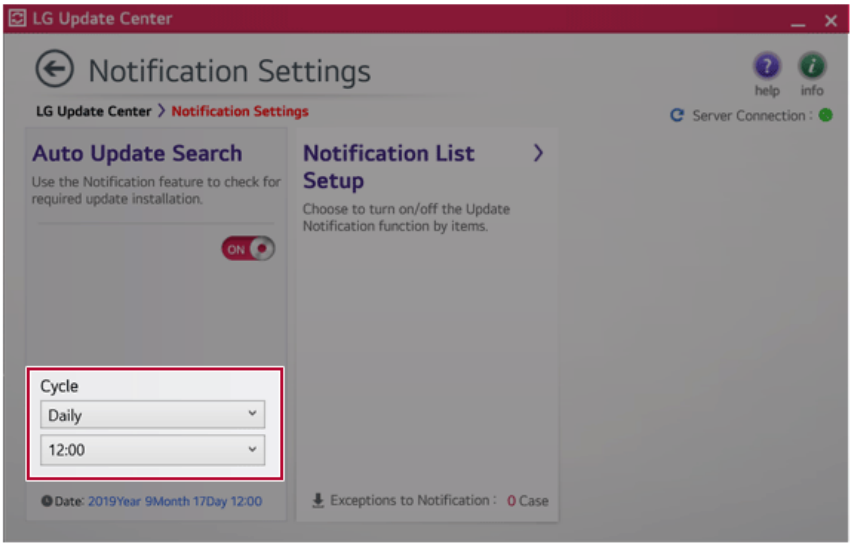
1 Select the [Notification Setting] menu.



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**.

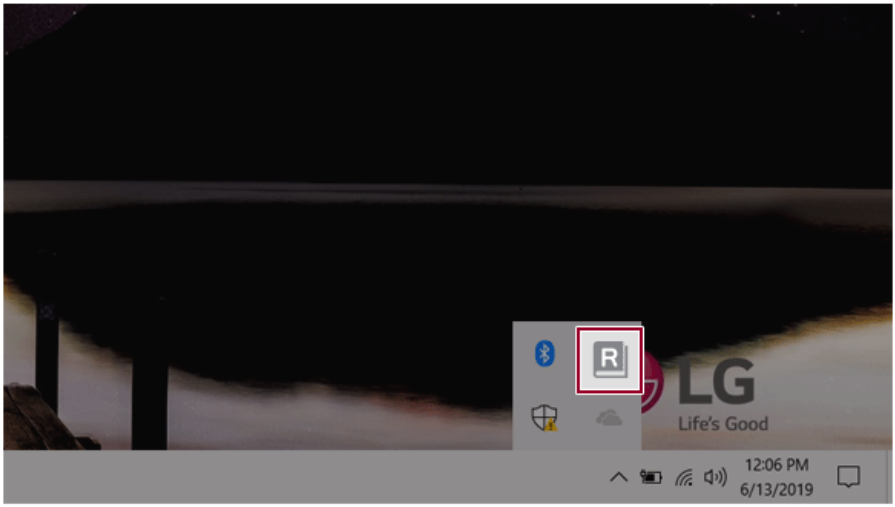
- Press the [] icon to the right of the taskbar to run the **Action Center** and press the **[Night light]** tile to turn on/off the **Night light**.

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**.

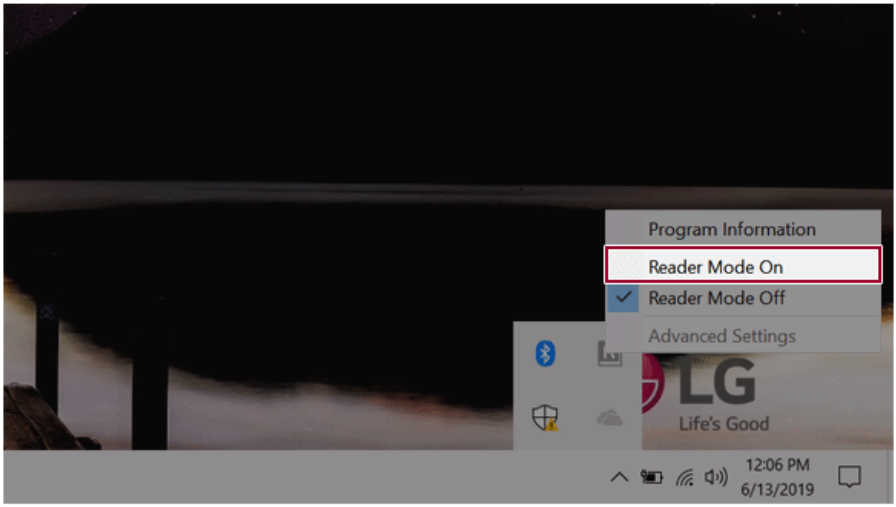
1 Press the [ ] icon on the taskbar.



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

TIP

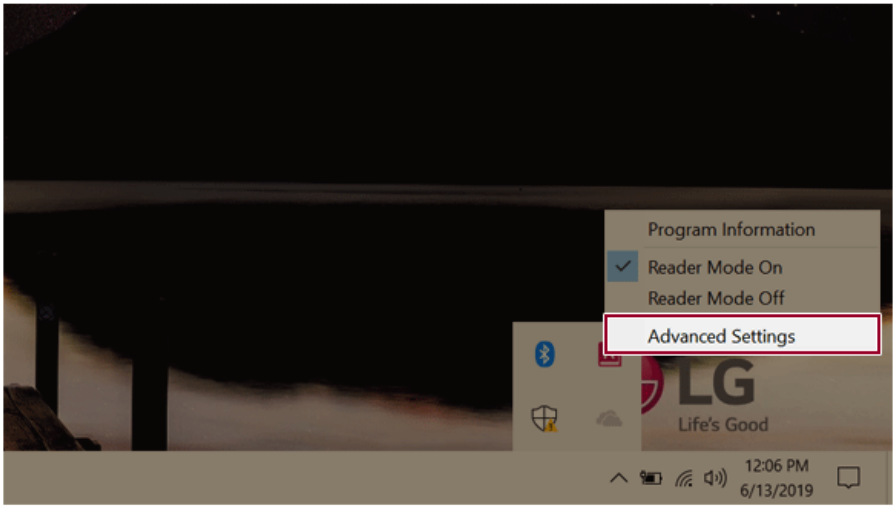
Select **[Reader Mode Off]** to turn off the **reader mode**.



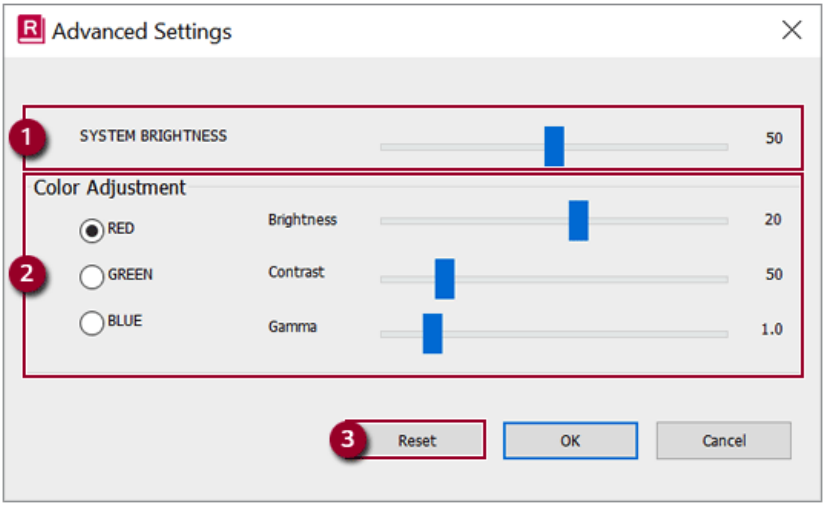
Using **Advanced Settings**

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.



a **System Brightness:** System brightness can be adjusted.

b **Color Adjustment:** Color and its **brightness, contrast and gamma** can be adjusted.

c **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 Program **DTS:X Ultra**

1 Press the [ ] button to execute **[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 [Synaptics SmartAudio HD 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 [Synaptics SmartAudio HD Audio Driver] in the order specified and install [Synaptics SmartAudio HD 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.

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.

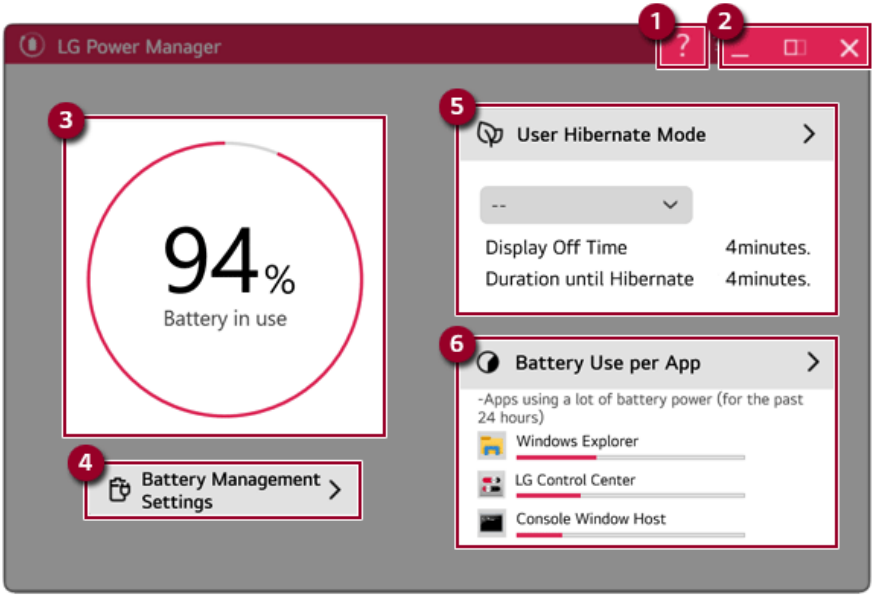
Using **LG Power Manager**

Click the [ ] button to launch **[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.

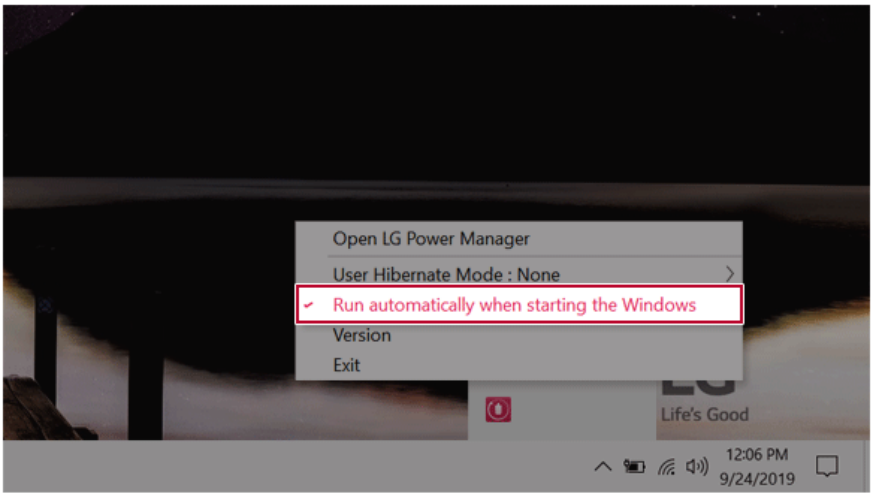
5 **User Hibernate Mode:** Allows you to create a user mode and configure the detailed settings such as Display Off Time and Duration until Hibernate.

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.



Restoring the System

Restoring the System

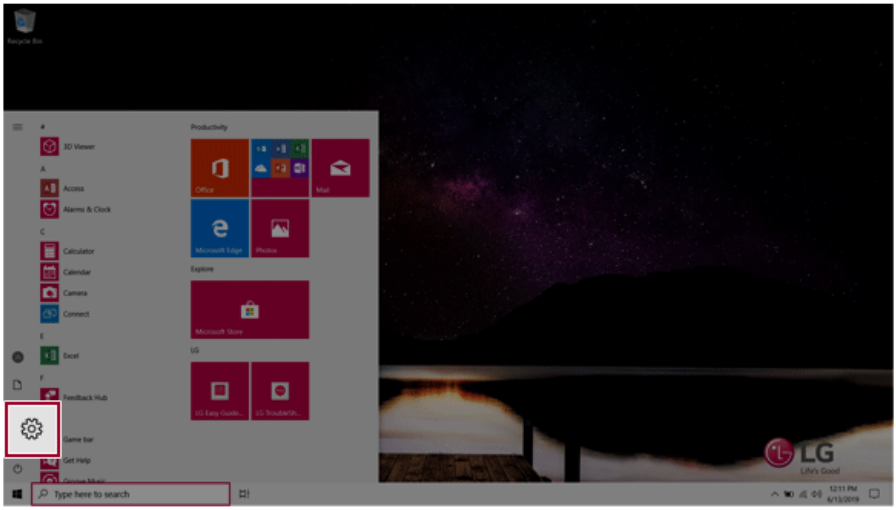
If the system has an error, you can use Windows 10's recovery function to recover or restore the system to its initial pre-purchase state.

CAUTION

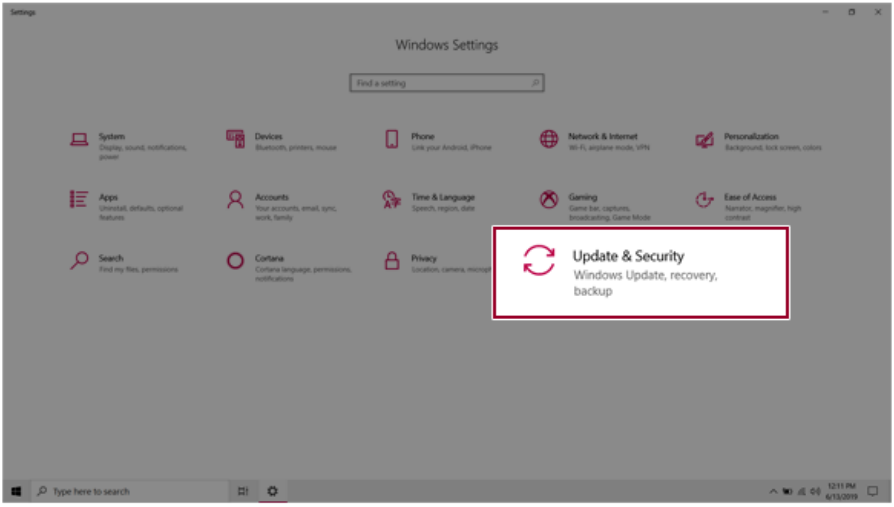
If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

To recover the system, the AC adapter must be connected.

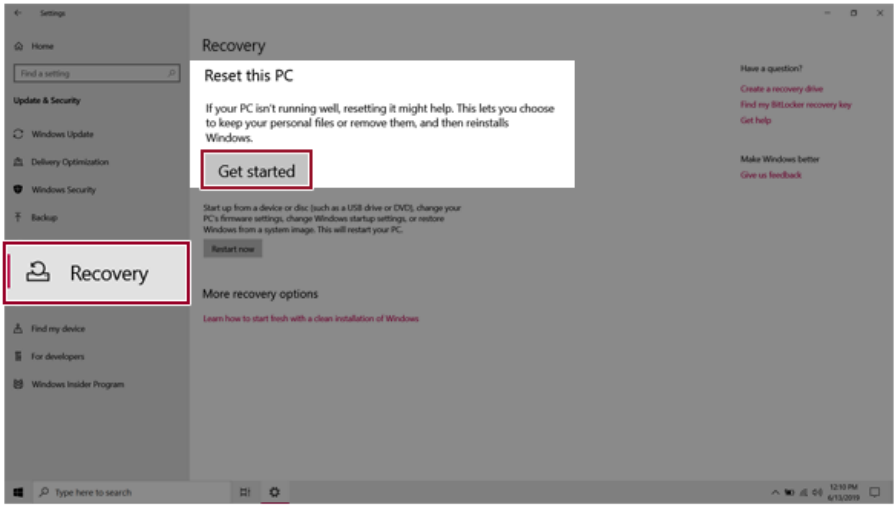
1 Click the [ ] button and select the [Settings] menu.



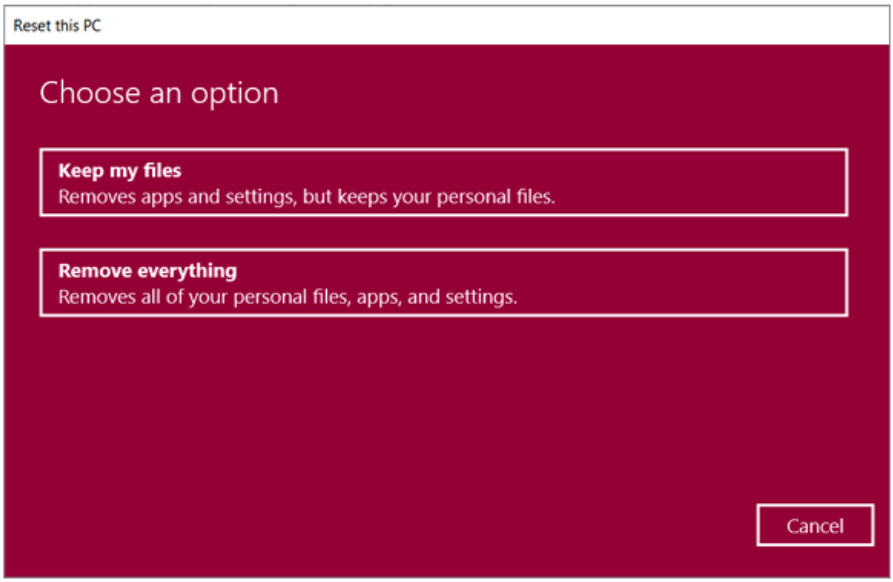
2 When the [Settings] screen appears, select [Update & Security].



3 Select the [Recovery] menu and press [Get started] in the **Reset this PC** menu.



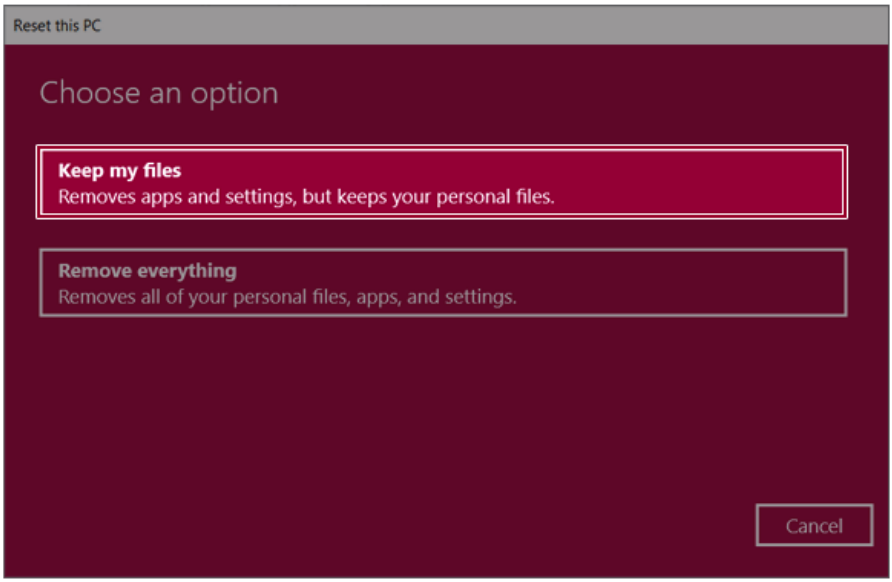
4 If the following option screen appears, select a desired option to proceed with recovery.



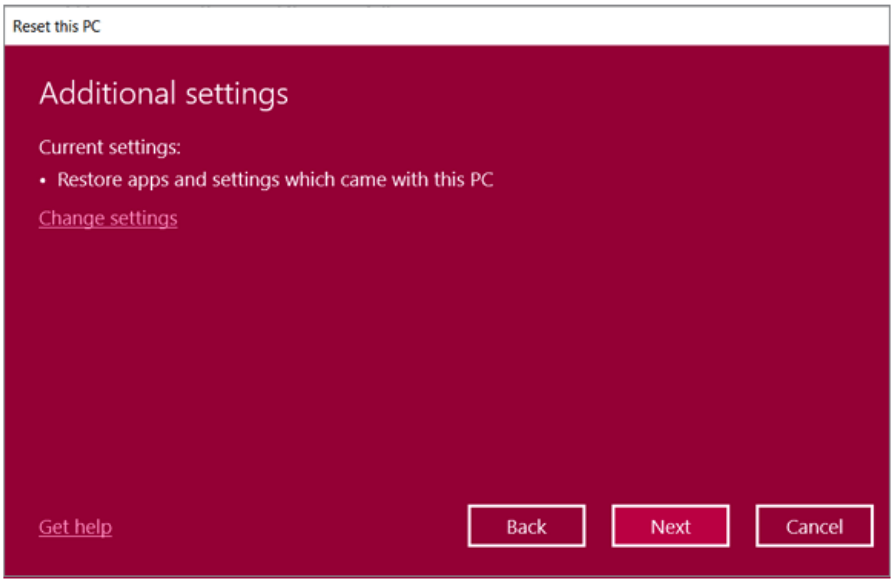
Keep My Files

It removes the apps and their settings without loss of personal files.

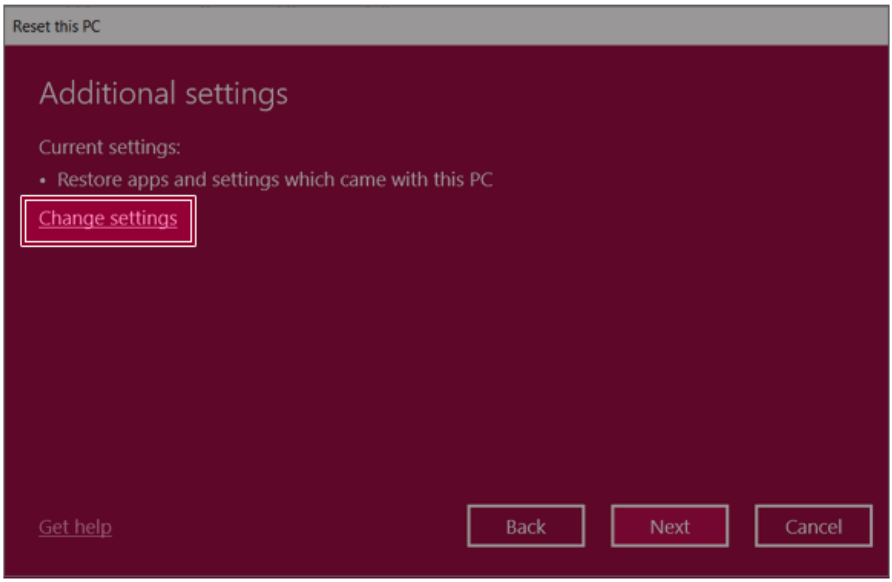
1 Select [Keep my files].

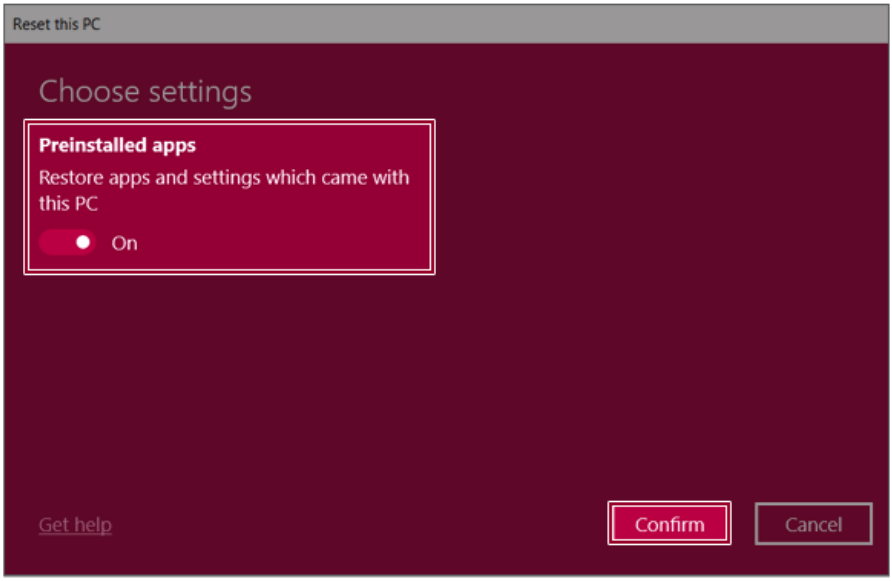


2 Check the **current settings**.

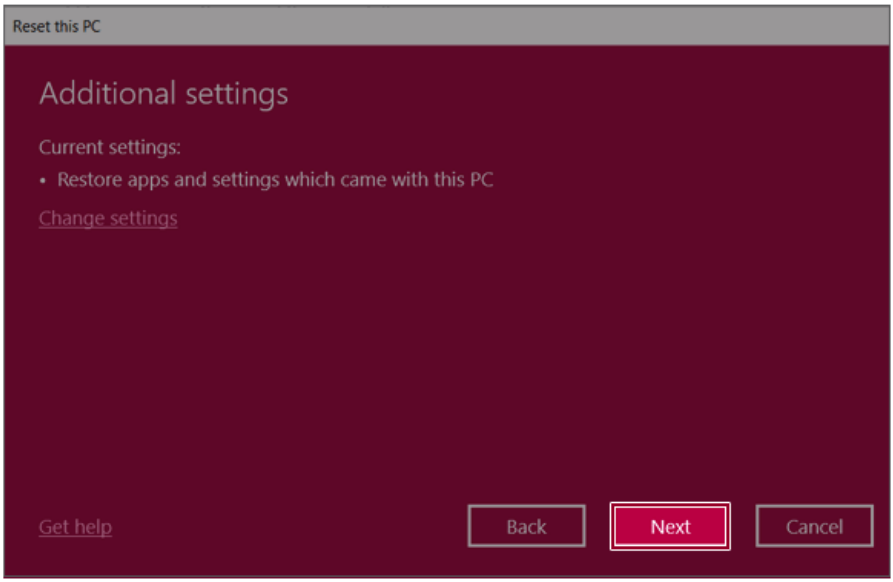


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





4 Press [Next] to proceed with installation as guided.



Remove everythings

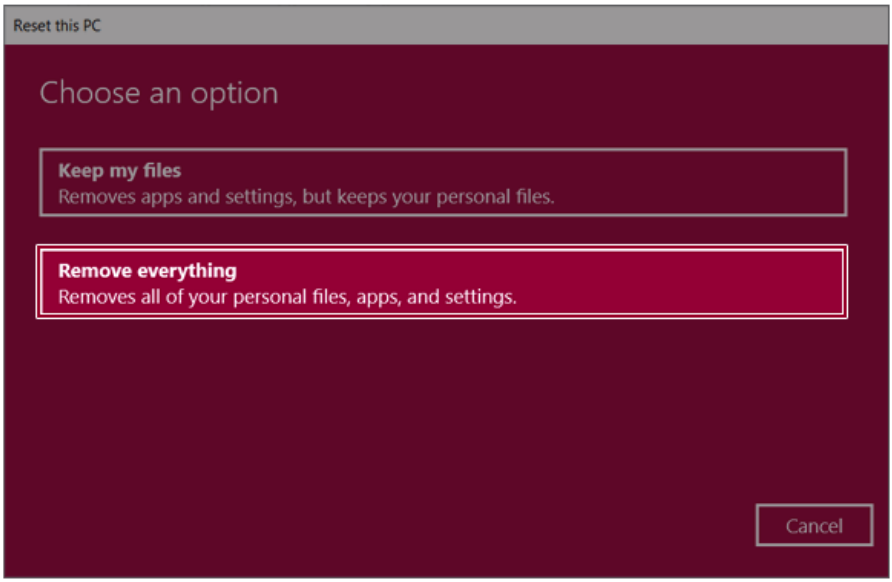
Removes all items from the system and restores the system to its initial pre-purchase state.

CAUTION

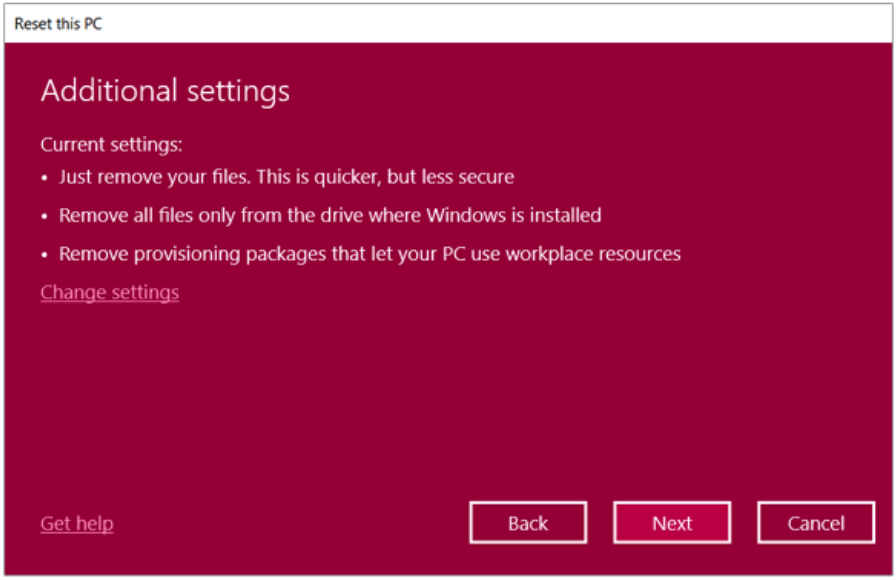
All data is lost during the initialization, so you must backup all critical data in advance.

It may take about 5 hours or longer depending on the system conditions.

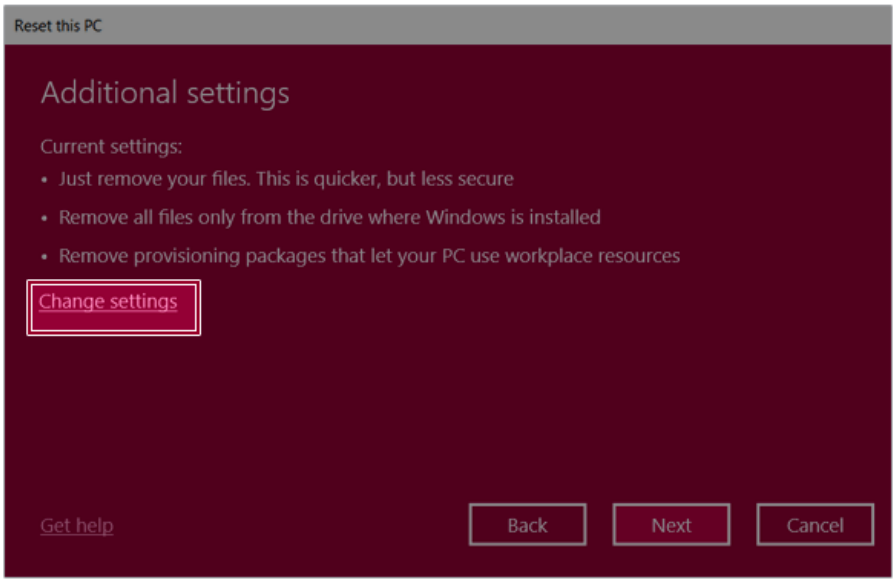
1 Select [Remove everything].

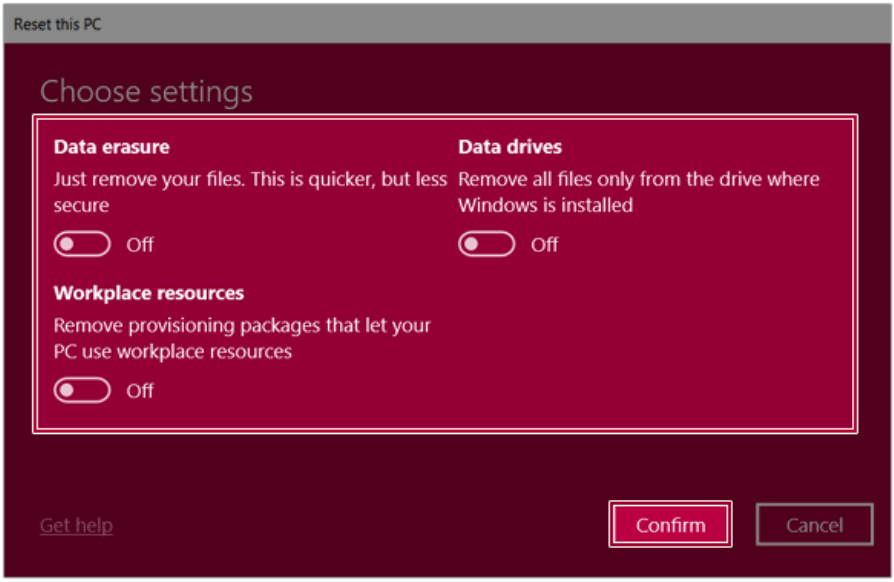


2 Check the **current settings**.

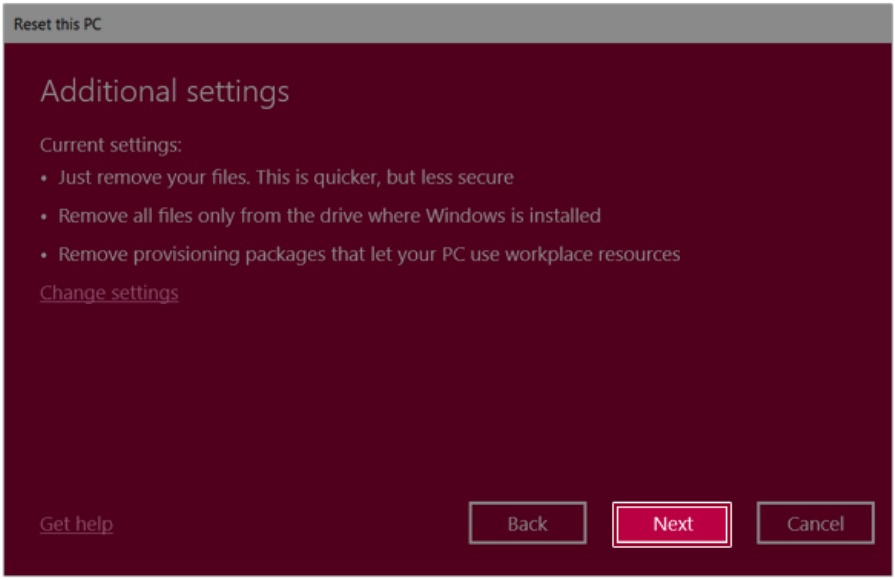


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





4 Press [Next] to proceed with installation as guided.



ENGLISH

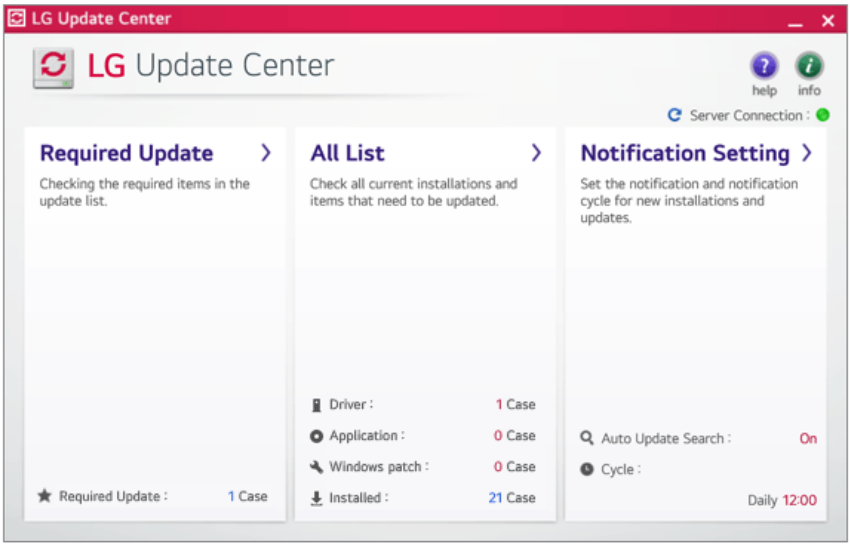
Setup and Upgrade

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 [ ] button > [LG Software] to 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).

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.

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.

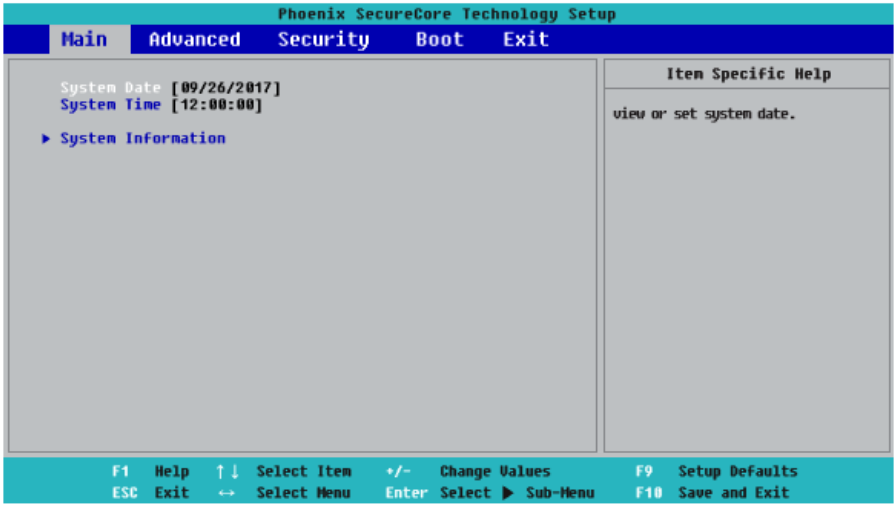
CAUTION

- 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

Keys	Function
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

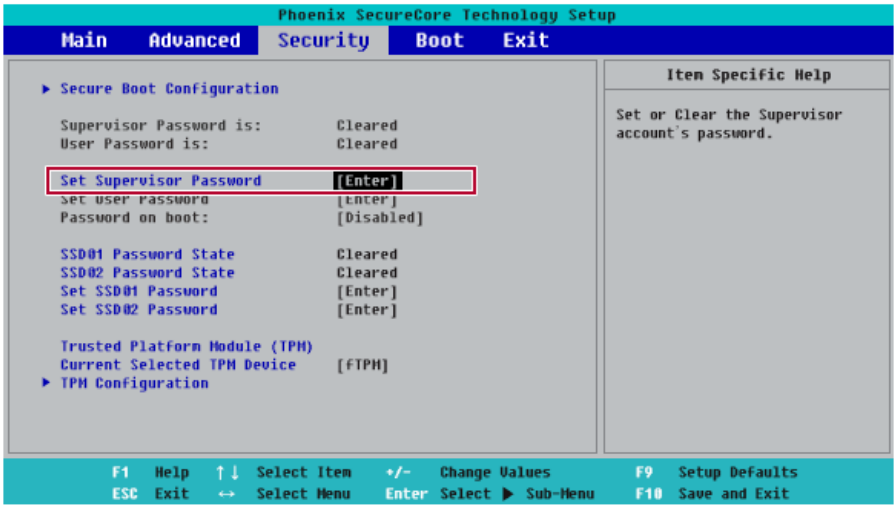
- Without the registered password, access to the system will be denied. Write down and keep the password in a safe place.

Set Supervisor Password

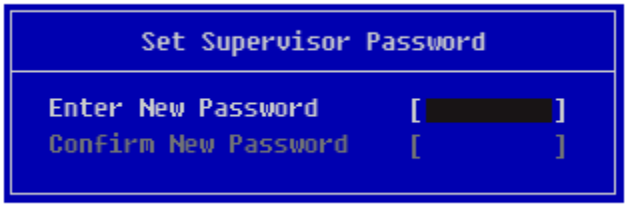
The password prevents unauthorized people from accessing the PC. By default, no password is set for the machine. If an unauthorized person changes the password in the System Setup, you will be unable to access the system.

1 After opening the system setup screen, use the arrow keys to move to **[Security]**.

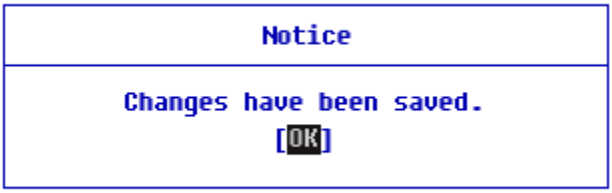
2 When the **Security** item appears, select **[Set Supervisor Password]** using the arrow keys, and then press the [Enter] key.



3 When the **Set Supervisor Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 8 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.

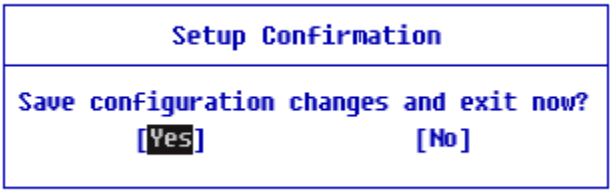


4 When the **Notice** screen appears, press the [Enter] key.



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.



TIP

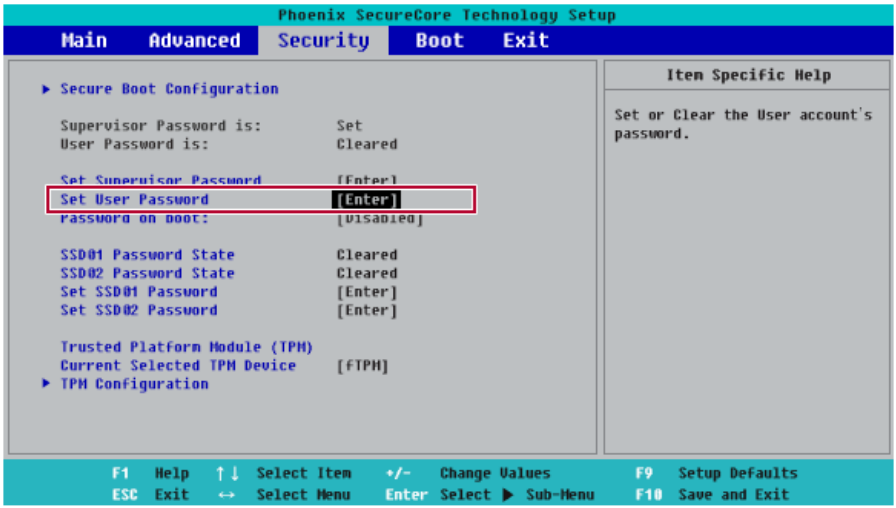
- With **Supervisor Password**, you are authorized to set all items in the System Setup and to set **Password on boot**. In case other people also use the PC, it is recommended to set the **Set User Password**.

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]**.

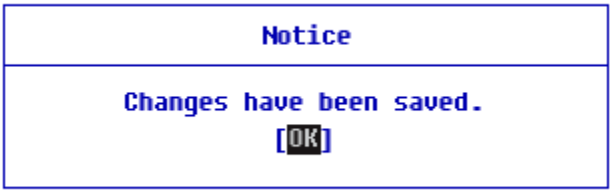
2 When the **Security** item appears, press the [Enter] button in the **[Set User Password]** menu.



3 When the **Set User Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 8 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.

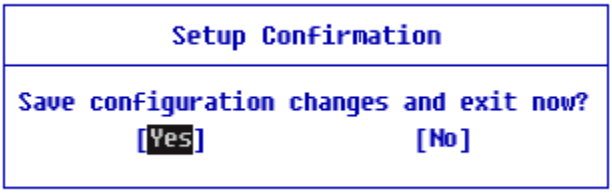


4 When the **Notice** screen appears, press the [Enter] key.



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.



TIP

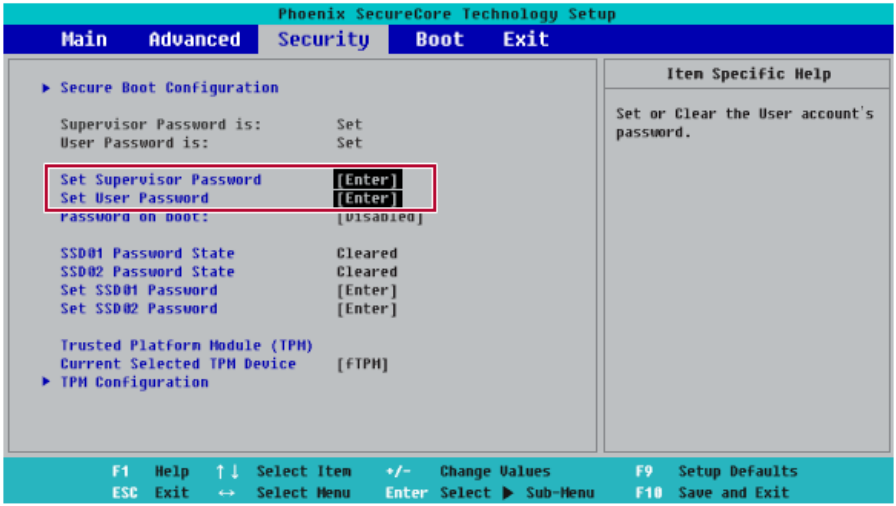
- **[User Password]** allows limited access to the items in the System Setup compared to the **[Supervisor Password]** item.

Password on boot

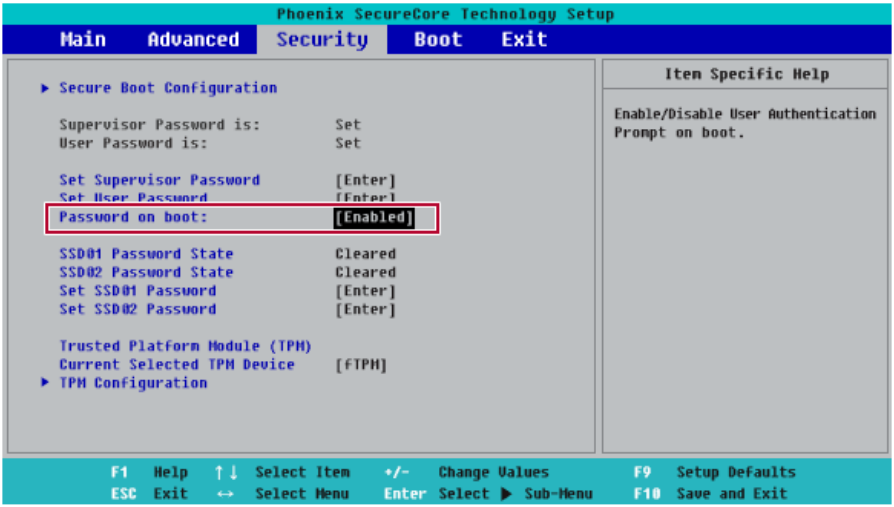
Password on boot protects the system by requesting **[Set Supervisor Password]** or **[Set User Password]** during boot up.

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 SSD Password / NVMe™ Password

TIP

Some models installed with NVMe™ may not support the password settings.

Depending on the model, the menu name may be displayed as **SSD Password**, NVMe™ **Password**, etc.

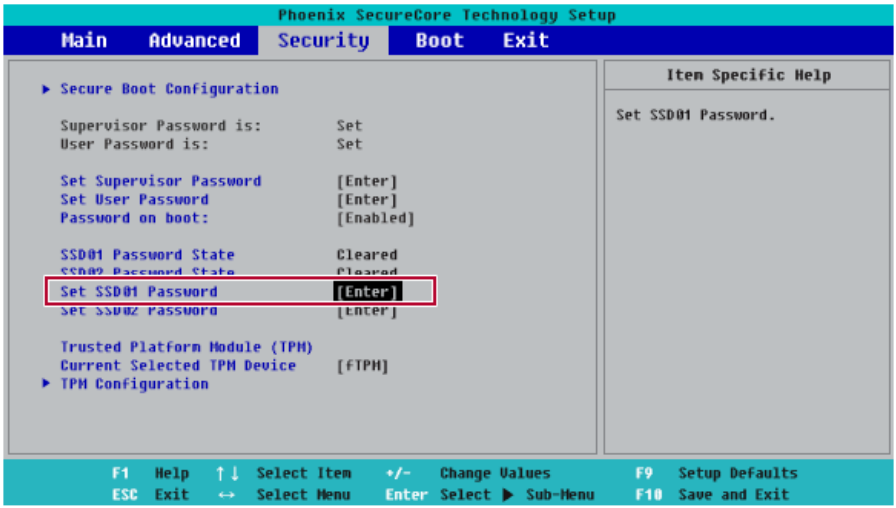
For a model equipped with two **SSD** or NVMe™ devices, the menu name may be displayed as SSD01, SSD02, NVMe™1, NVMe™2, etc.

For models with two **SSD** or NVMe™ 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]**.

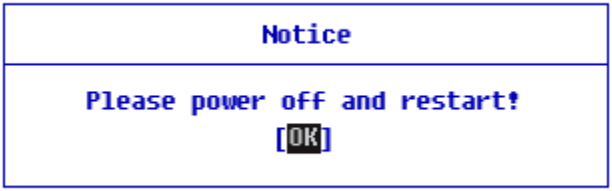
2 When the **Security** item appears, select **[Set SSD01 Password]** using the arrow keys and press the [Enter] key.



3 When the **Set SSD01 Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 8 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.

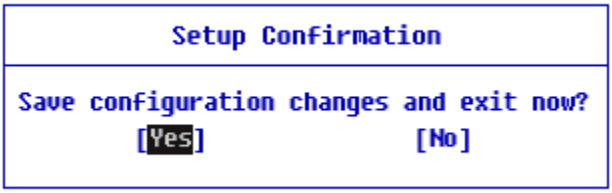


4 When the **Notice** screen appears, press the [Enter] key.



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 SSD Password/NVMe™ Password, you cannot restore the SSD/NVMe™.

- The replacement of SSD/NVMe™ due to a forgotten **SSD Password**/NVMe™ **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].



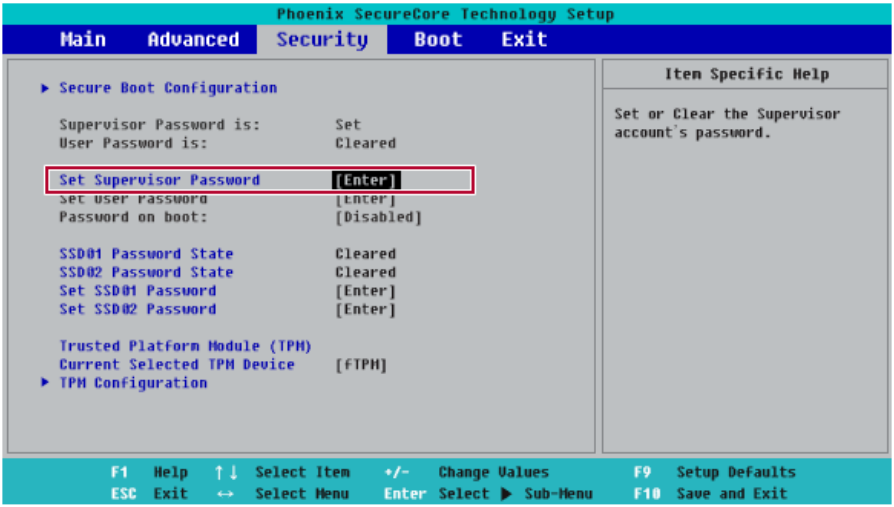
2 Change the password in the same way as setting one.

Deleting the Password

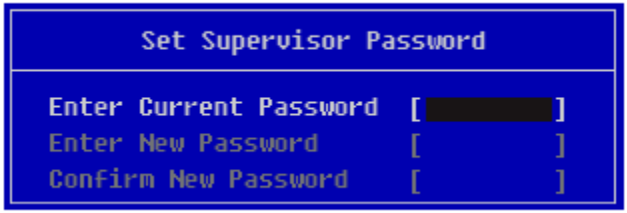
1 Execute System Setup, enter the password, and press [Enter].



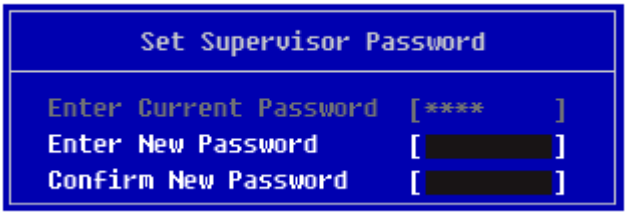
2 After moving **[Security]** by using the arrow keys from the setup start screen, click **[Set Supervisor Password]** and press [Enter].



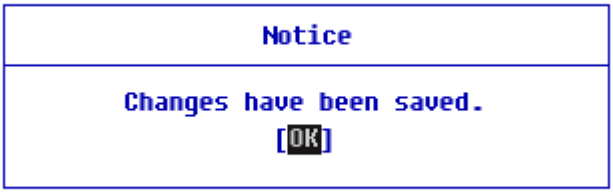
3 When the **Set Supervisor Password** setting screen appears, enter the current password in **[Enter Current Password]**.



4 Press [Enter] in **[Enter New Password]** and **[Confirm New Password]**.

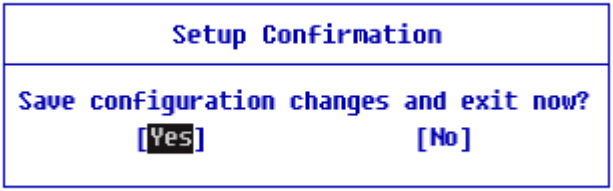


5 When the **Notice** screen appears, press the [Enter] key.



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.



Deleting the Password (Set SSD Password / NVMe™ Password)

1 Execute System Setup, enter the password, and press [Enter].

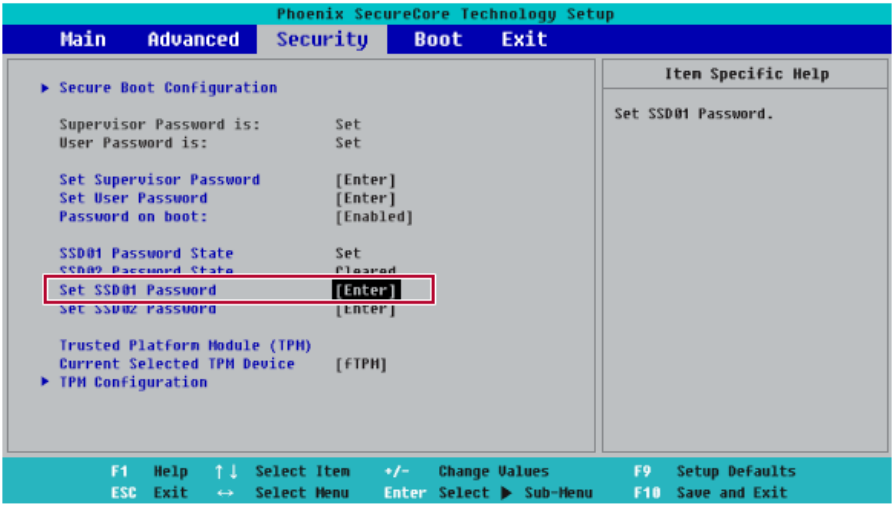


2 After moving **[Security]** by using the arrow keys from the setup start screen, click **[Set SSD01 Password]** and press [Enter].

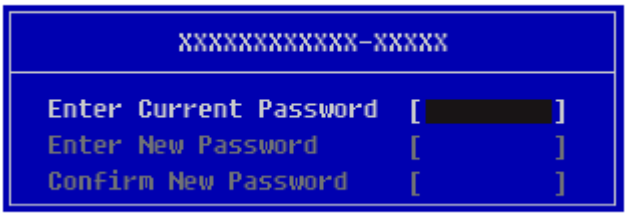
TIP

Depending on the model, the menu name may be displayed as **SSD Password**, NVMe™ **Password**, etc.

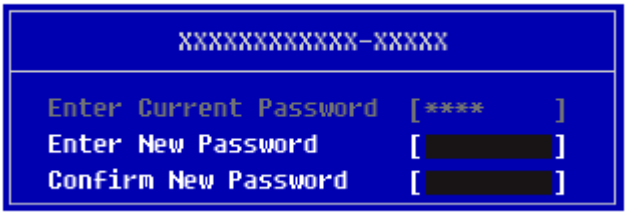
For a model equipped with two SSD, NVMe™ devices, the menu name may be displayed as SSD01, SSD02, NVMe™1, NVMe™2, etc.



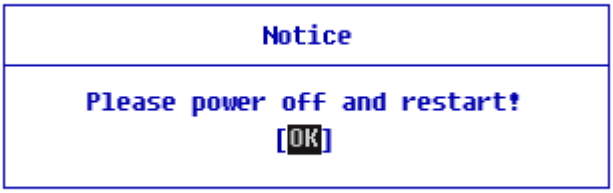
3 When the **Set SSD01 Password** setting screen appears, enter the current password in **[Enter Current Password]**.



4 Press [Enter] in **[Enter New Password]** and **[Confirm New Password]**.

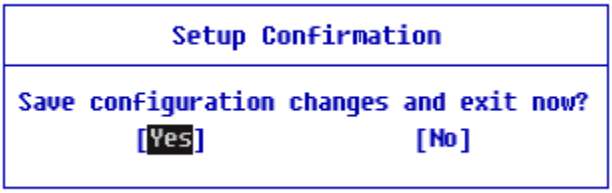


5 When the **Notice** screen appears, press the [Enter] key.



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.



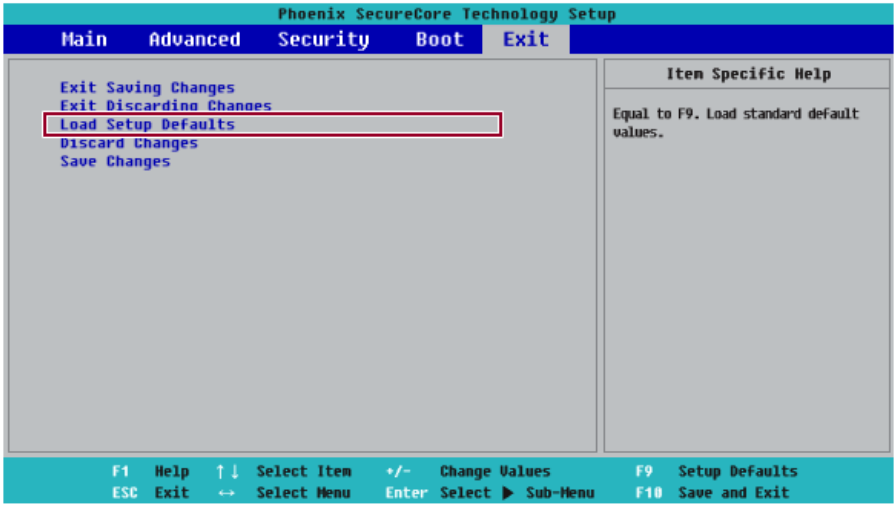
Restoring the Factory Default Settings

If you have changed the system setup by mistake, you can restore the default settings.

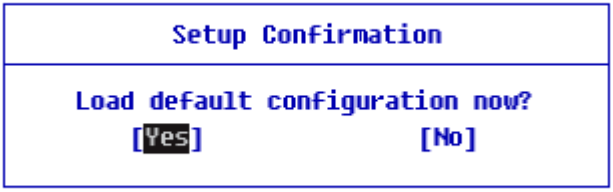
The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.

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].

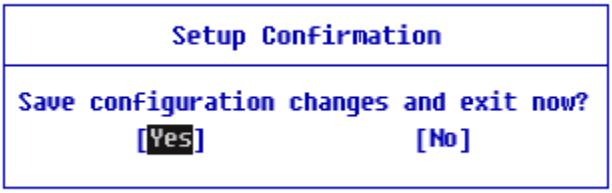


3 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The settings will be reset to the factory default.



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.

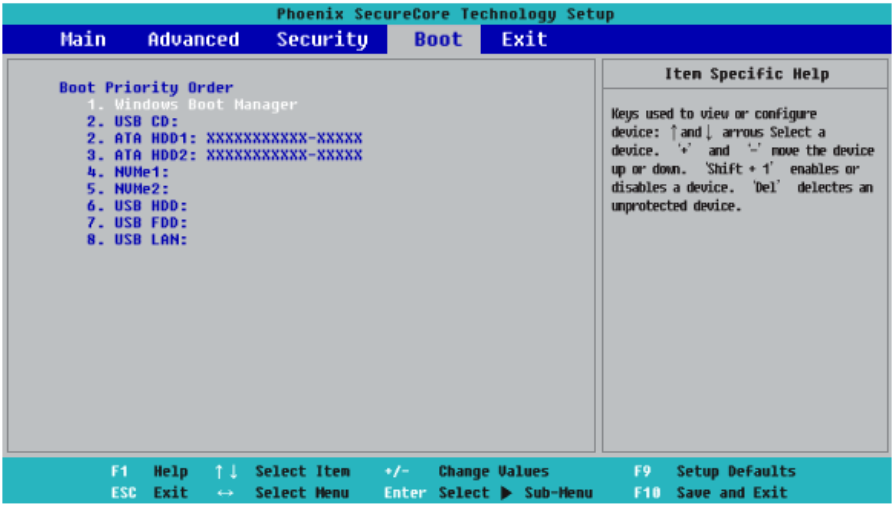
Changing the Boot Order

1 Reboot the system and press [F2].

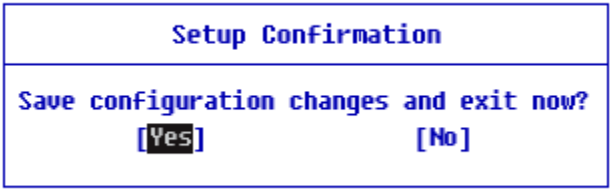


2 Move to the **[Boot]** menu when the system setup screen appears.

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.



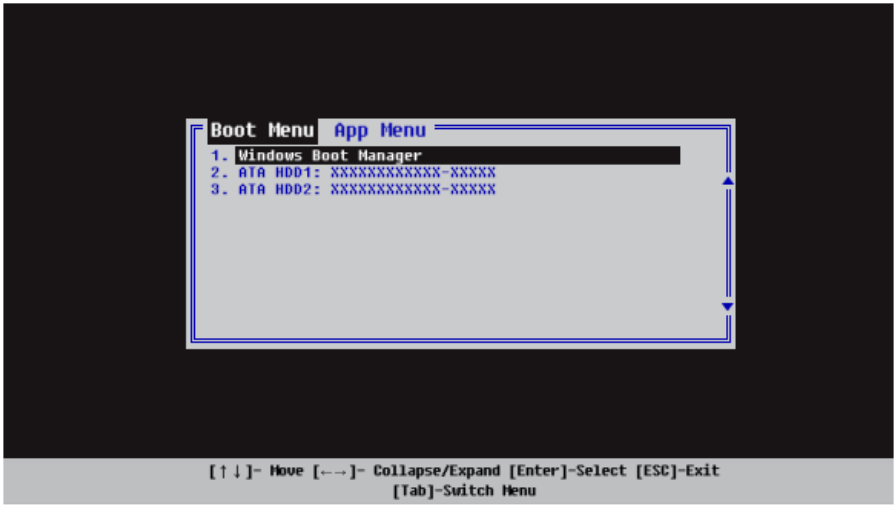
5 The changes are saved and the system reboots.

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.

Windows 10 Auto Scaling

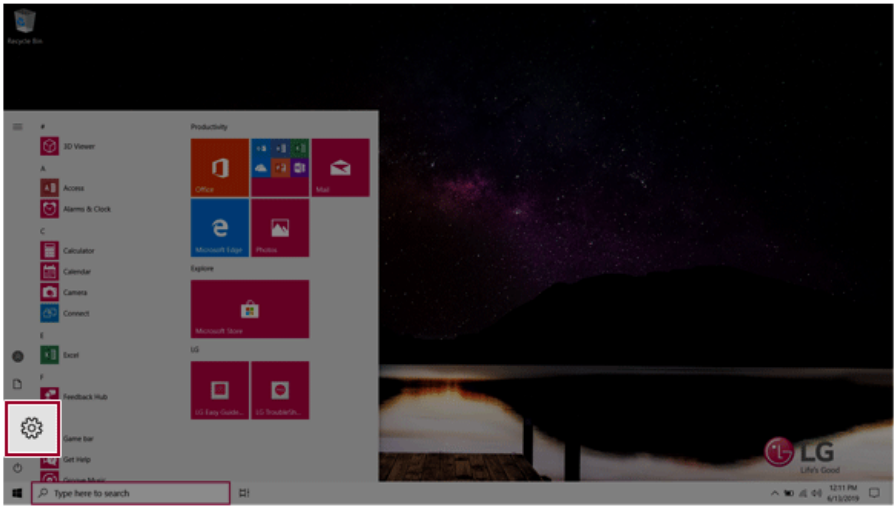
The Windows 10 **Auto Scaling** feature for user's convenience may partially blur the screen or display some icons and texts larger.

Refer to the following information to change the DPI scaling to suit your needs.

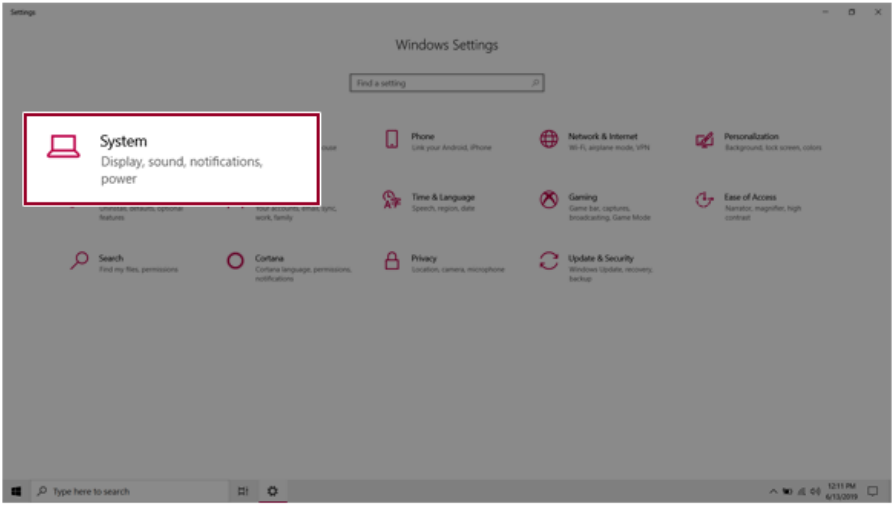
1 Press the [ ] button and select the **[Settings]** menu.

TIP

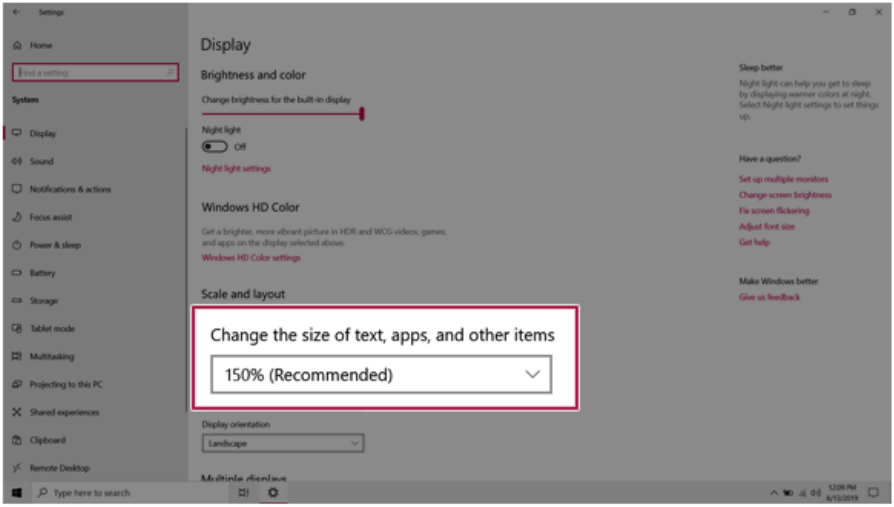
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Select **[System]** > **[Display]**.



3 Modify the **[Change the size of text, apps, and other items]** value to change the Auto Scaling settings.



TIP

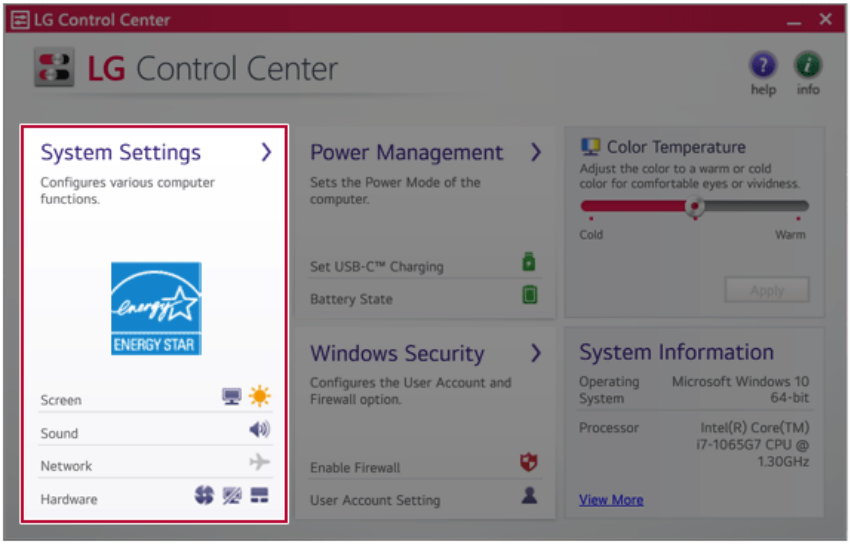
After auto scaling, you may need to restart some apps to apply the new scale and layout.

Using **Instant Booting**

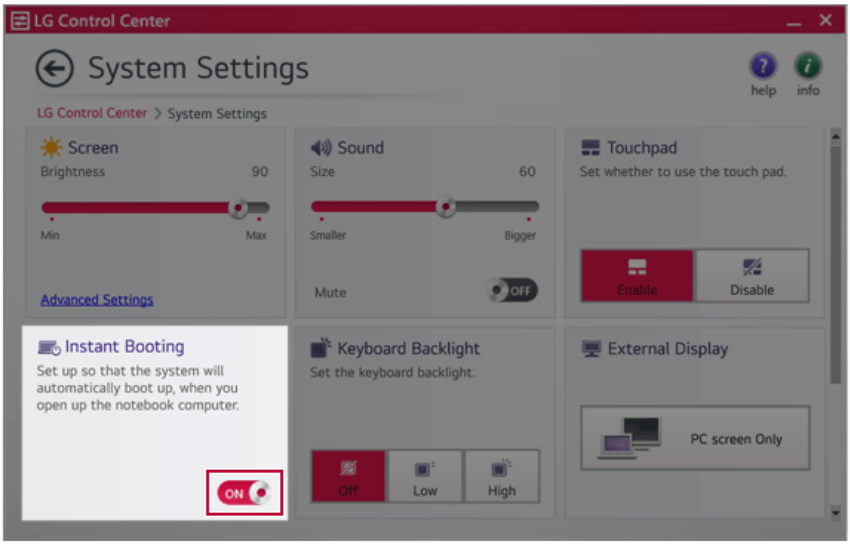
Instant Booting allows the system to boot automatically when the notebook PC cover is opened, so that you can use the system without pressing the power button.

1 Select the [ ] button > [LG Software] to 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.

ENGLISH

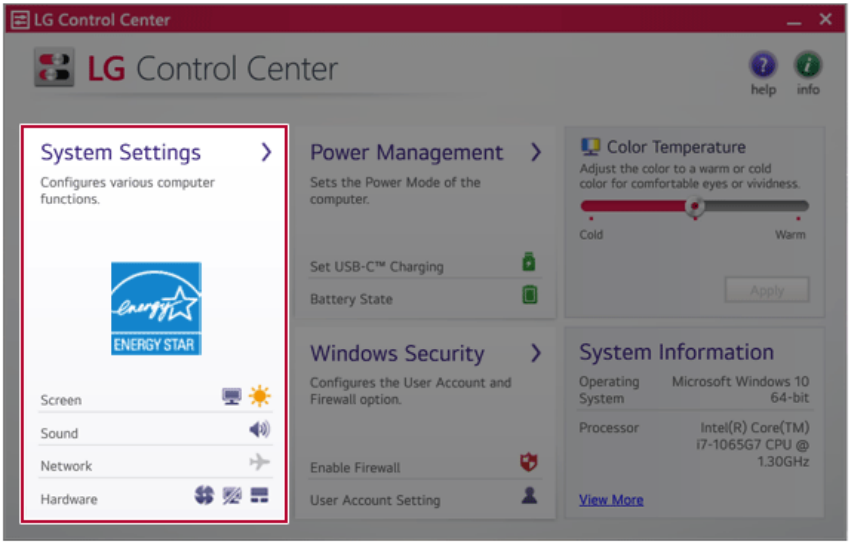
FAQ

Using **Instant Booting**

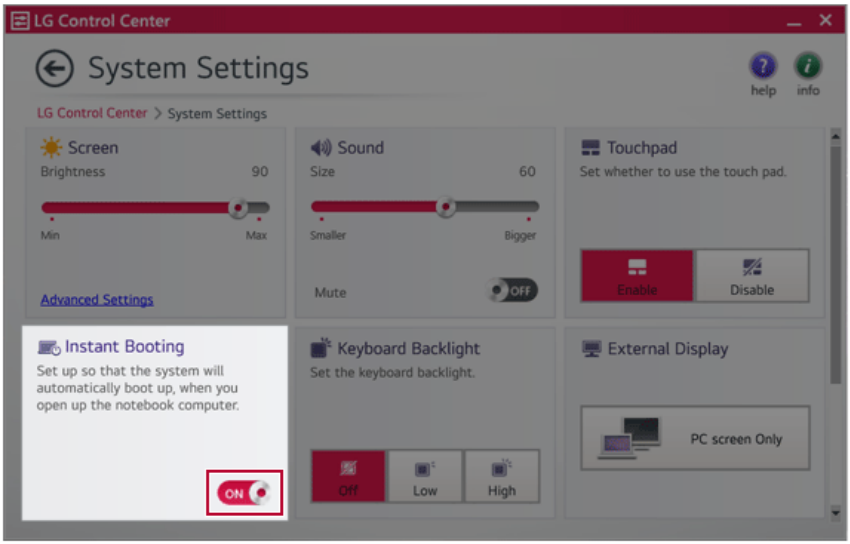
Instant Booting allows the system to boot automatically when the notebook PC cover is opened, so that you can use the system without pressing the power button.

1 Select the [ ] button > [LG Software] to run **[LG Control Center]**.

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5 When the cover is opened, the notebook PC turns on and the system starts to boot automatically.

Windows 10 Auto Scaling

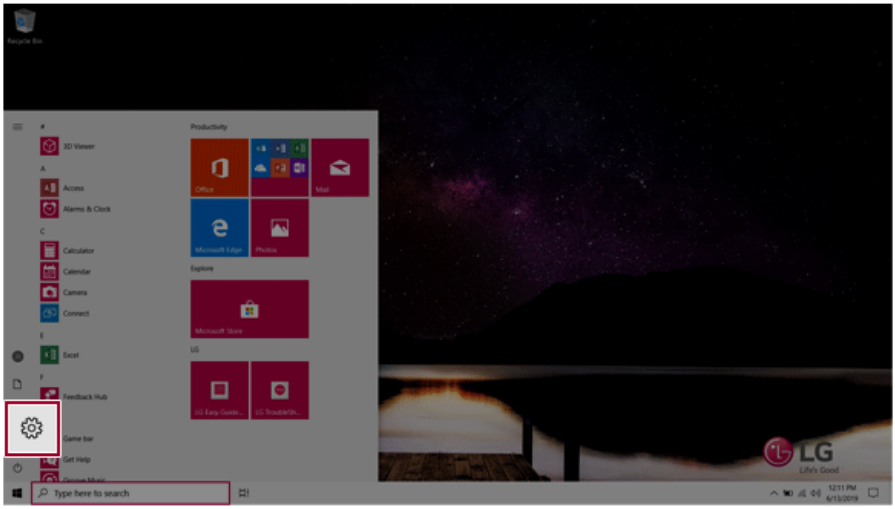
The Windows 10 **Auto Scaling** feature for user's convenience may partially blur the screen or display some icons and texts larger.

Refer to the following information to change the DPI scaling to suit your needs.

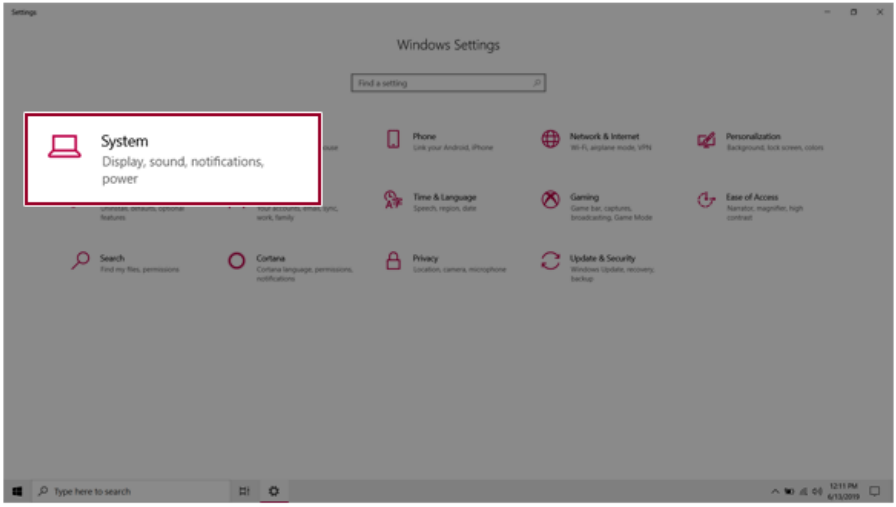
1 Press the [ ] button and select the **[Settings]** menu.

TIP

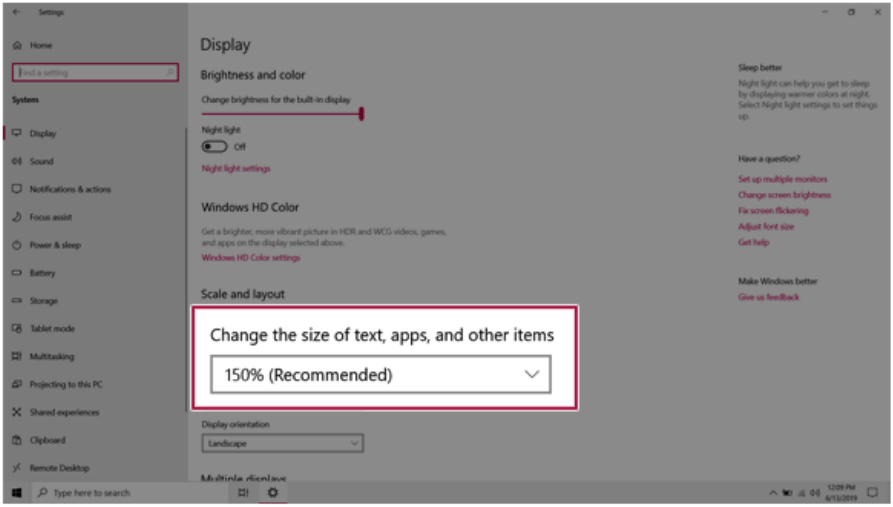
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



2 Select **[System]** > **[Display]**.



3 Modify the **[Change the size of text, apps, and other items]** value to change the Auto Scaling settings.



TIP

After auto scaling, you may need to restart some apps to apply the new scale and layout.

Restoring the System

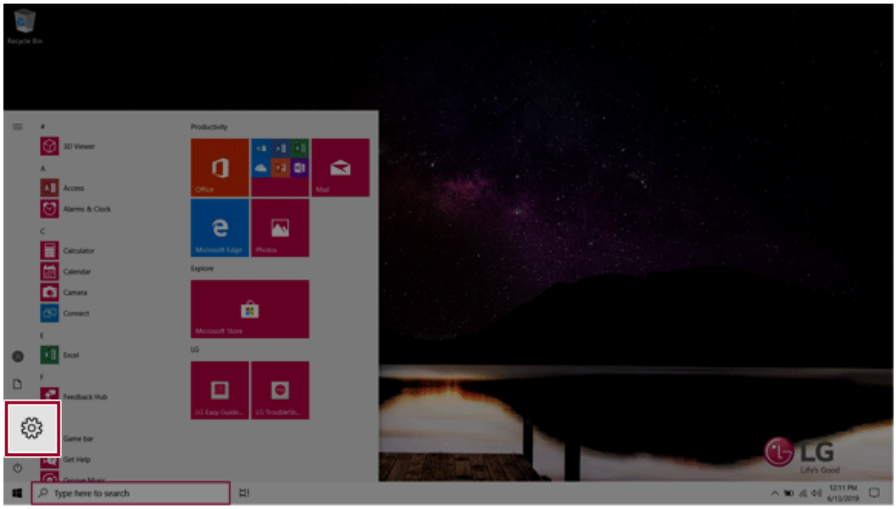
If the system has an error, you can use Windows 10's recovery function to recover or restore the system to its initial pre-purchase state.

CAUTION

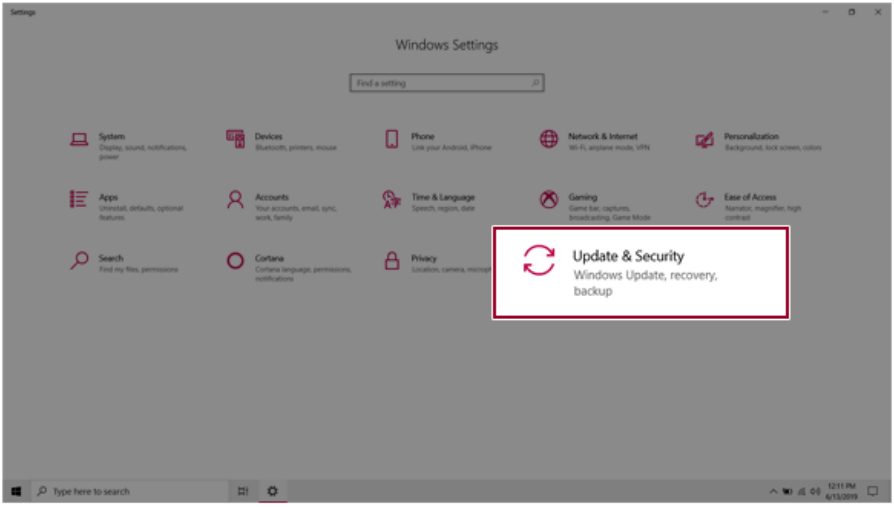
If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

To recover the system, the AC adapter must be connected.

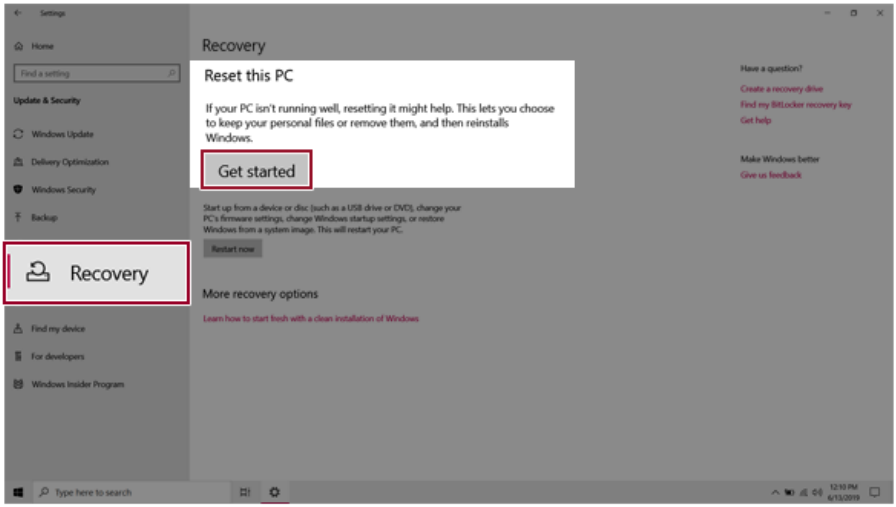
1 Click the [ ] button and select the [Settings] menu.



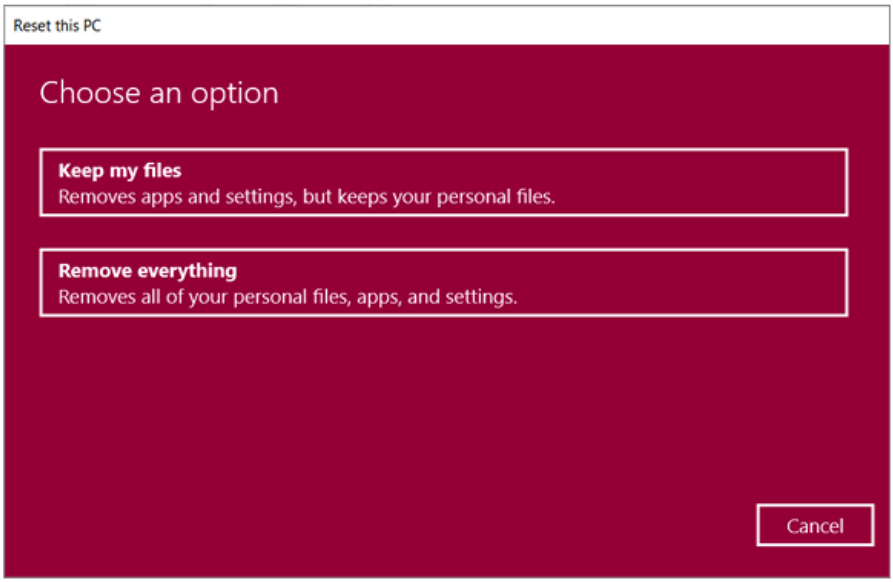
2 When the [Settings] screen appears, select [Update & Security].



3 Select the [Recovery] menu and press [Get started] in the **Reset this PC** menu.



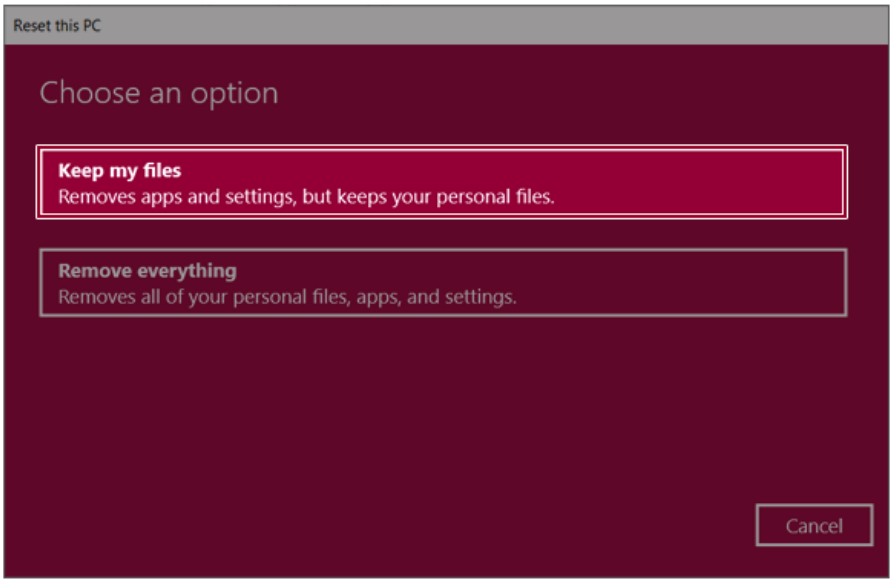
4 If the following option screen appears, select a desired option to proceed with recovery.



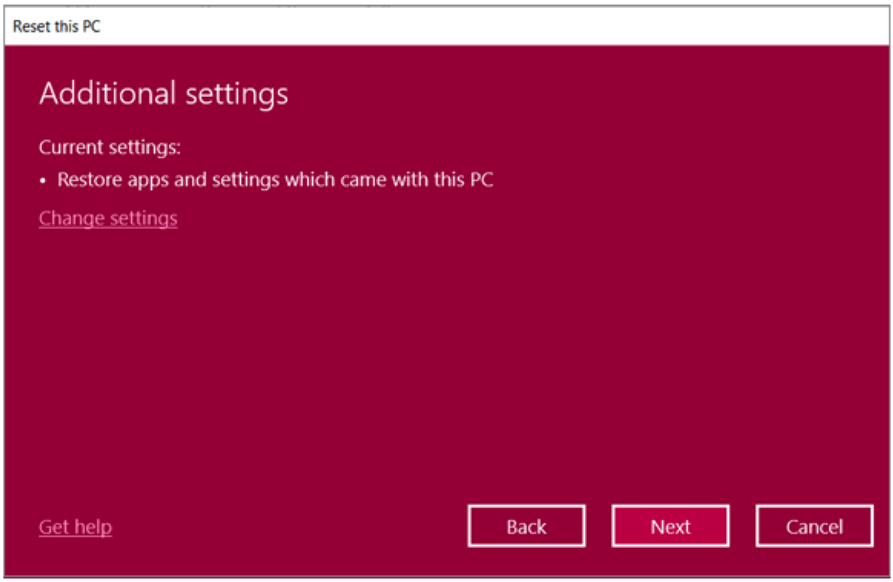
Keep My Files

It removes the apps and their settings without loss of personal files.

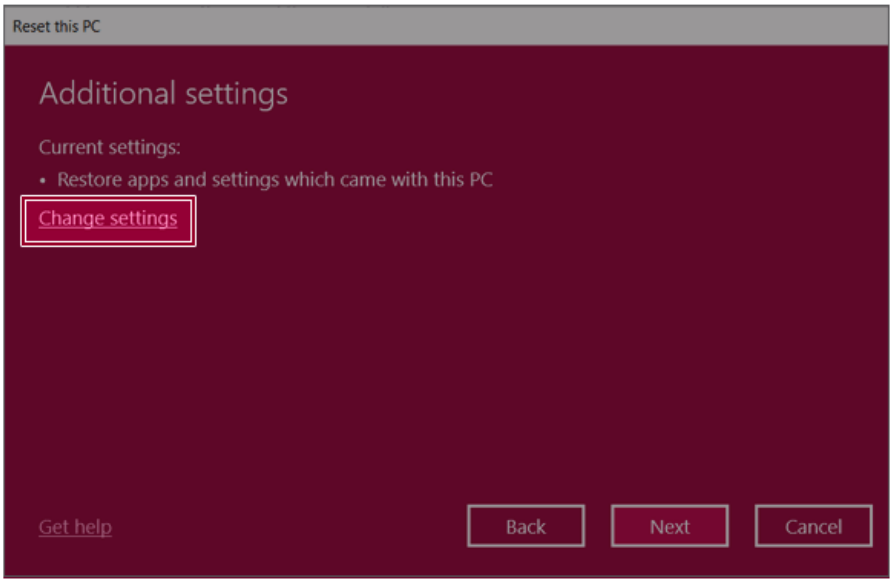
1 Select [Keep my files].

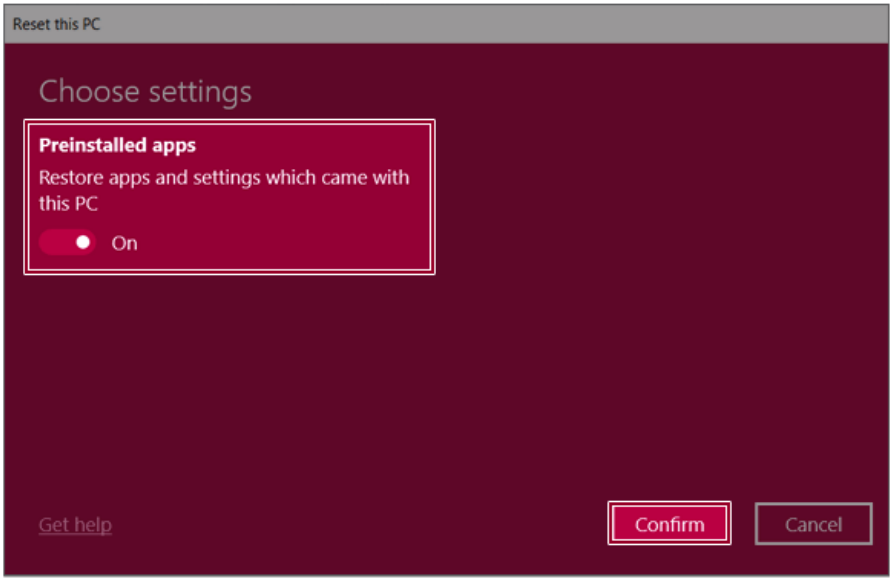


2 Check the **current settings**.

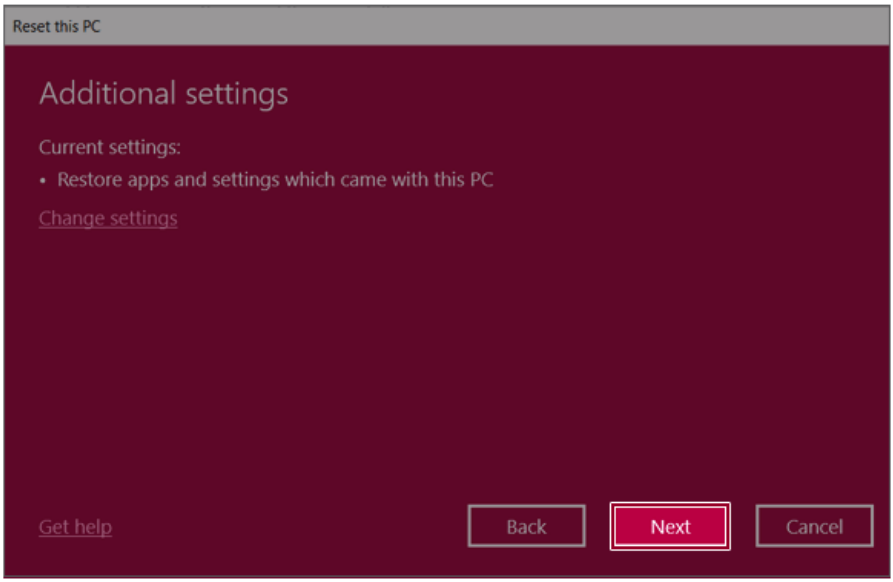


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





4 Press [Next] to proceed with installation as guided.

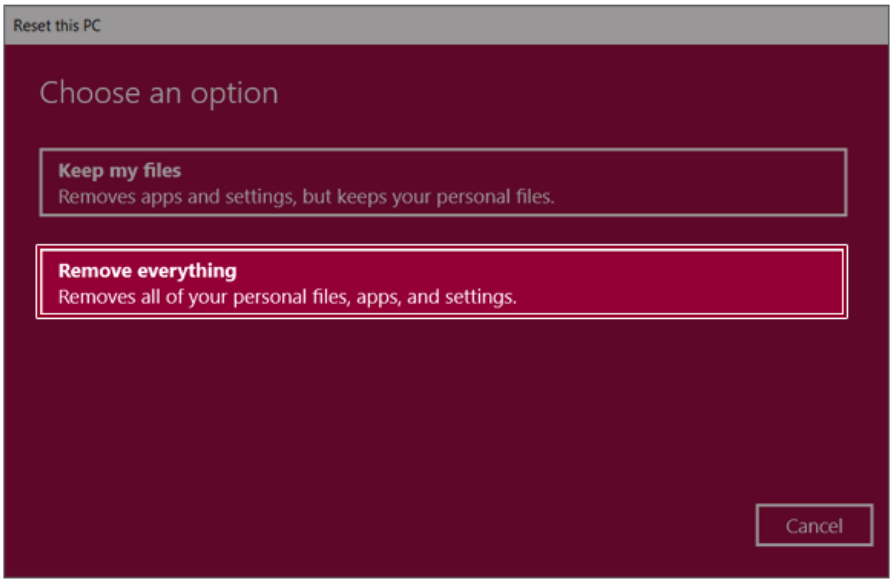


Remove everythings

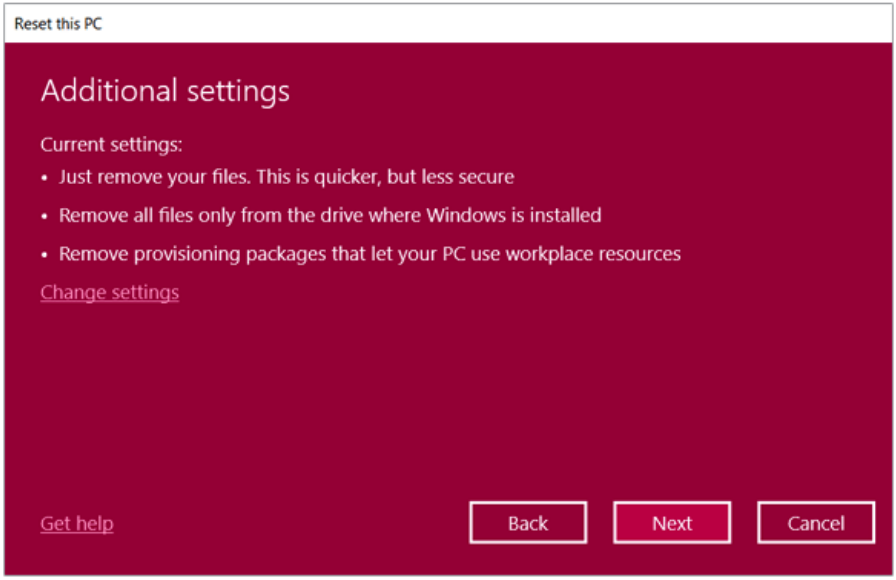
Removes all items from the system and restores the system to its initial pre-purchase state.

> **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.

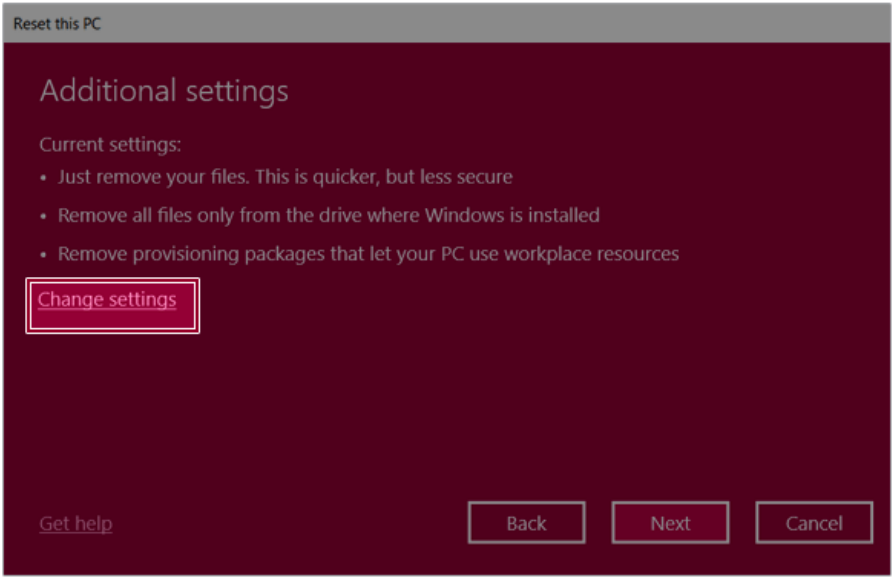
1 Select [Remove everything].

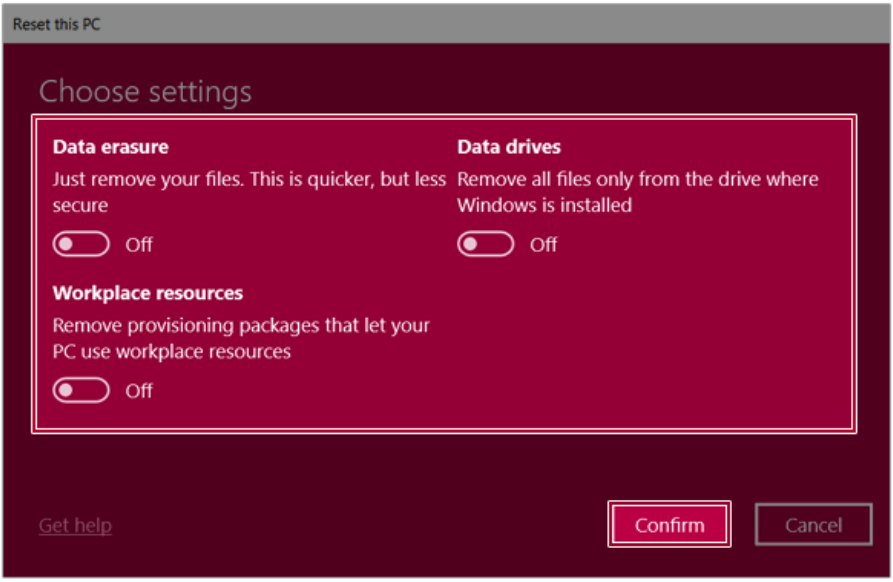


2 Check the **current settings**.

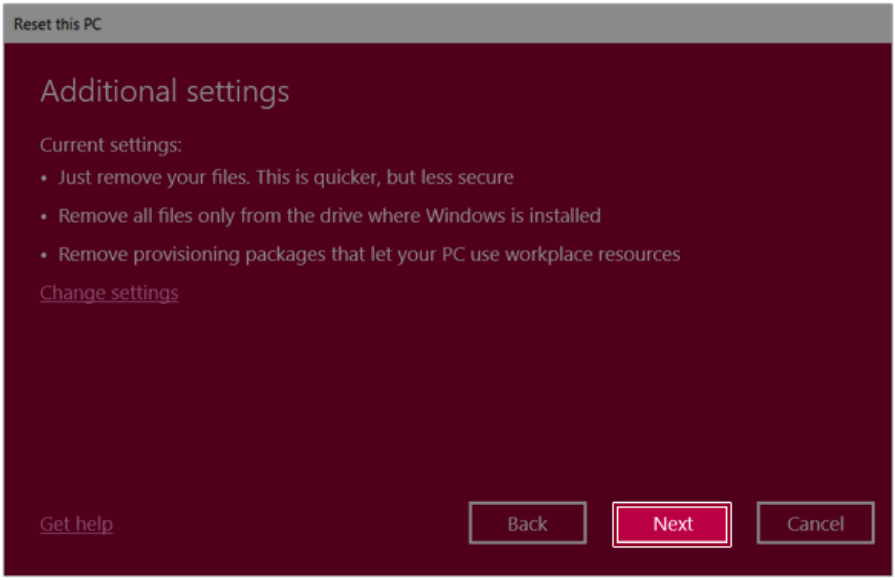


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





4 Press [Next] to proceed with installation as guided.



Connecting to External Display

Connecting to the HDMI Port

HDMI is a high-speed multimedia interface that can transfer uncompressed full digital audio and video signals.

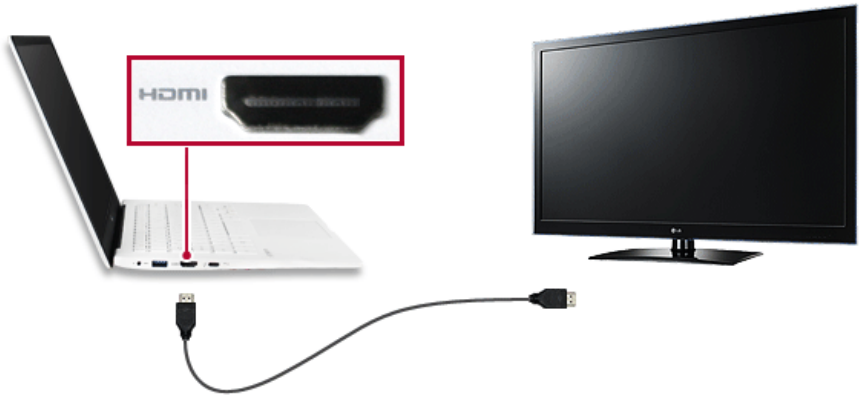
In some models, DTS Audio may not work when you use HDMI.

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.

During the search for a wireless network (Wireless LAN), various Access Points may be found according to the location where the PC is used.

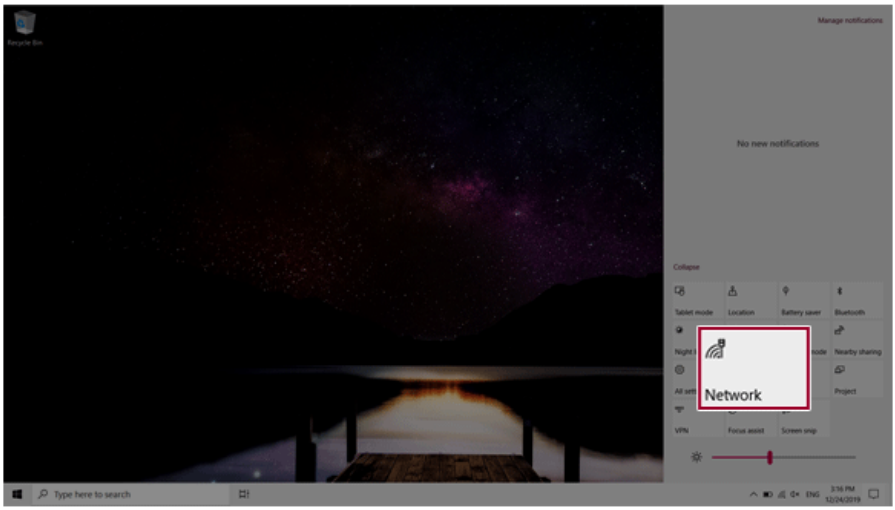
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

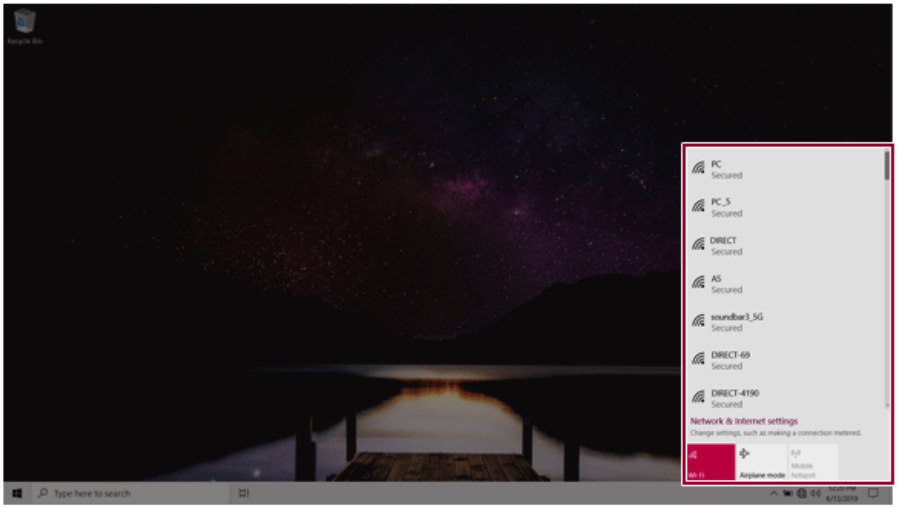
A password protected Access Point cannot be accessed without the correct password.

1 Press the Action Center [ ] icon on the right side of the taskbar.



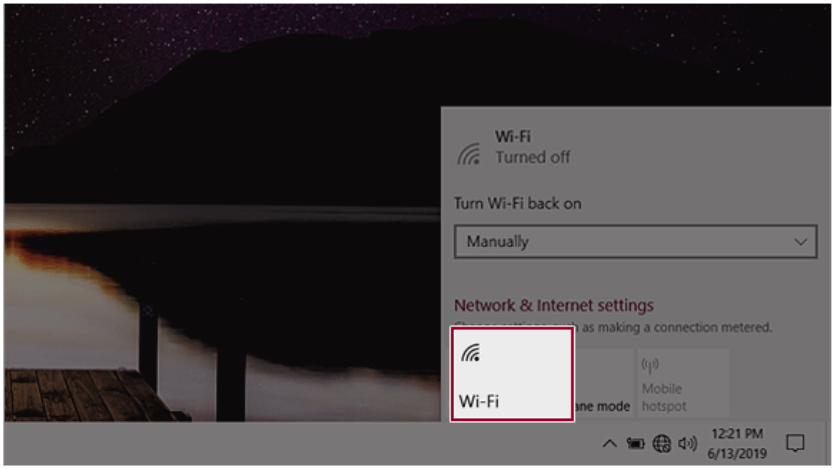
2 Press the **[Network]** tile to search for a nearby Access Point.



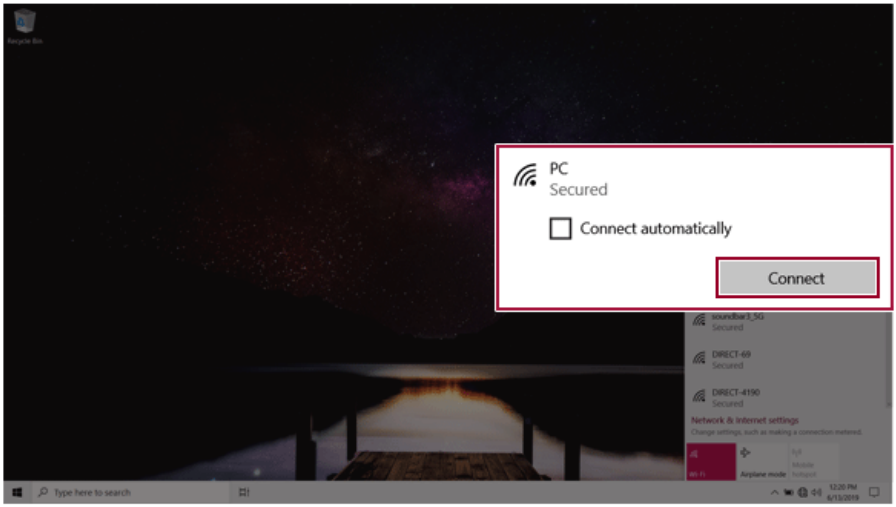


TIP

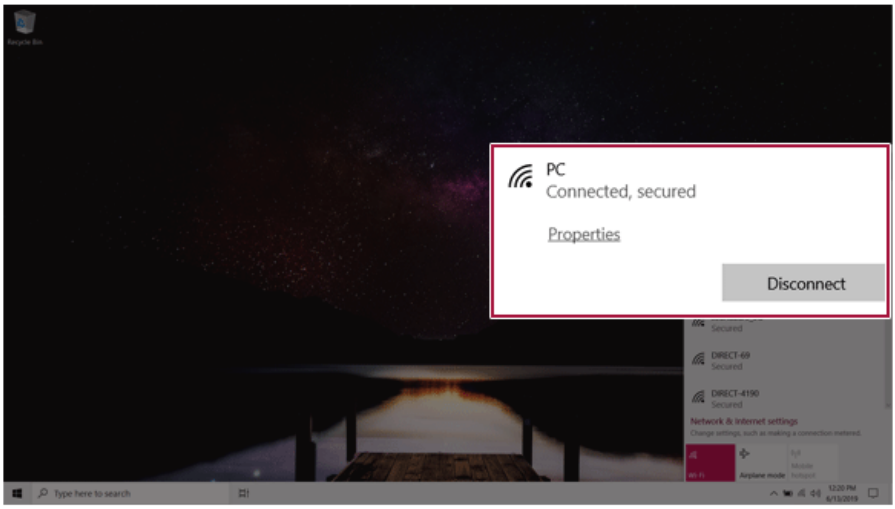
If **Wi-Fi** is turned off, press the **[Wi-Fi]** tile.



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.