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Product Specifications

PC Specifications

Display	17 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. 2.98 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.

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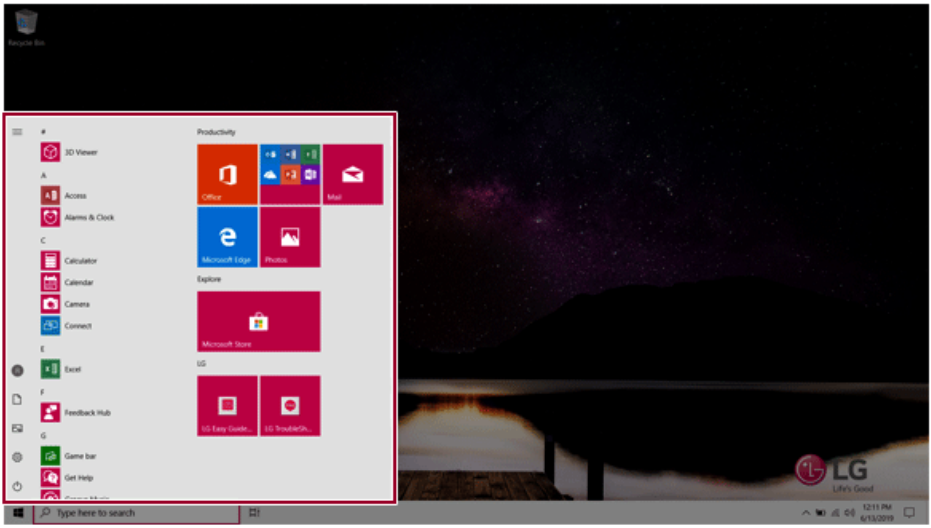
Using Windows 10

Start Menu

A New Start Menu

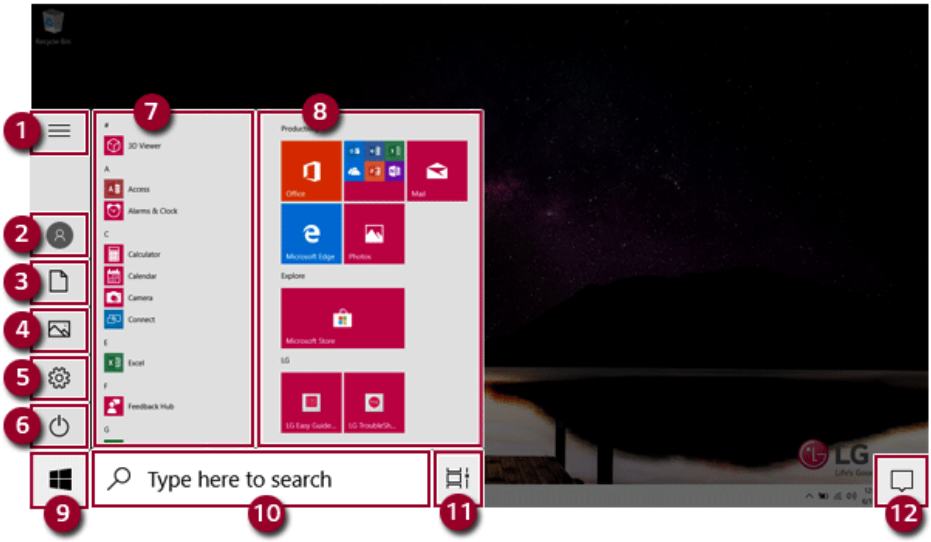
The Start menu in Windows 10 has been changed so you can use Windows quickly and easily.



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.

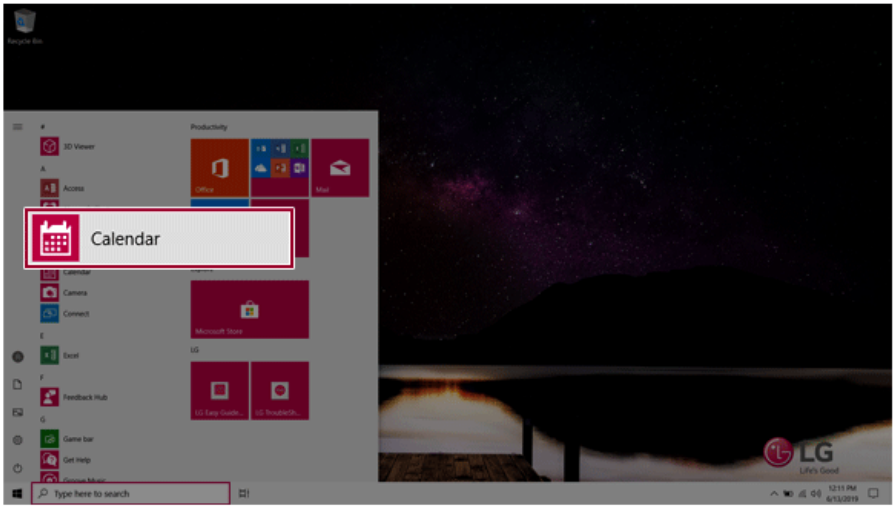
Using Apps

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.

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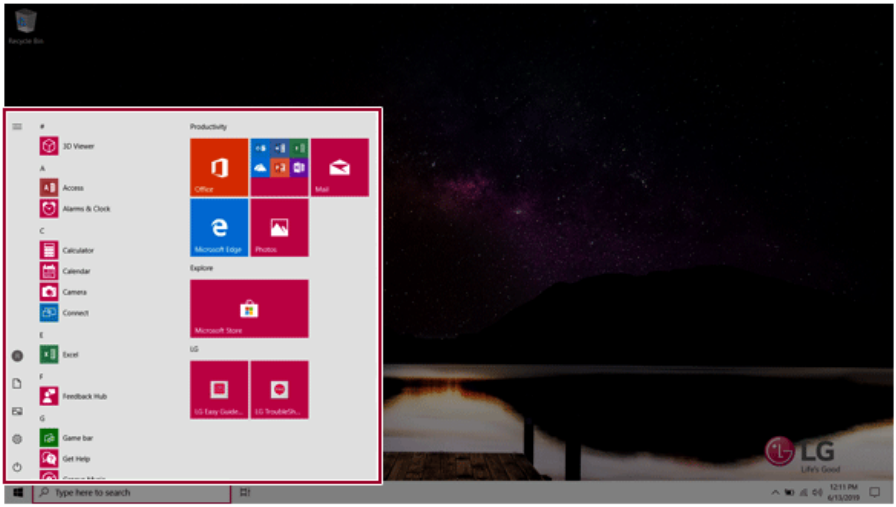
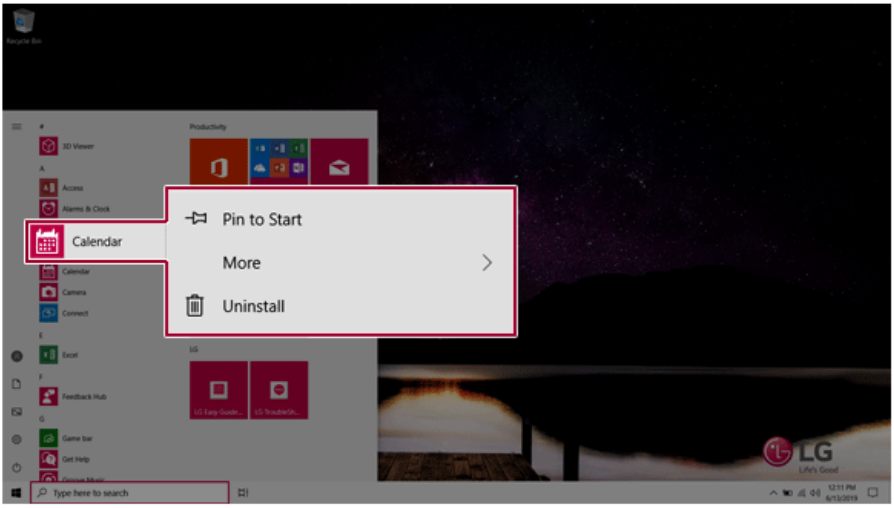
1 Click the [ ] button to display the Start menu.

TIP

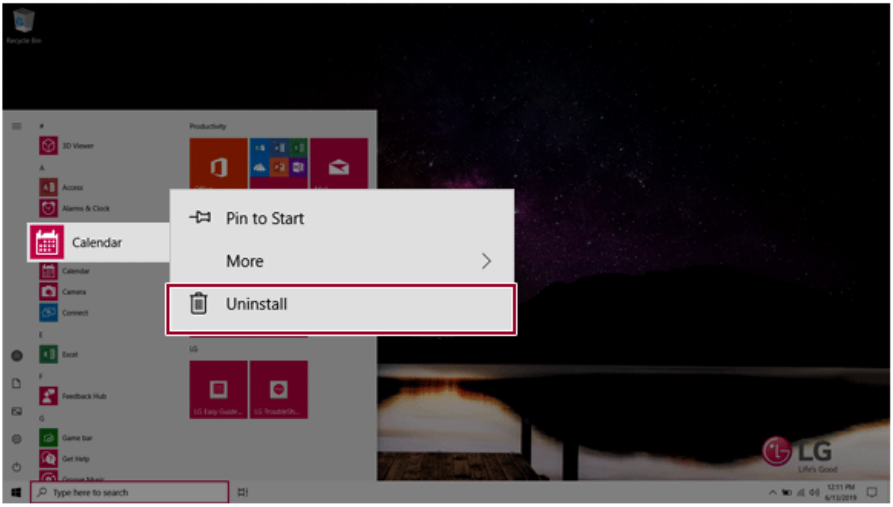
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



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



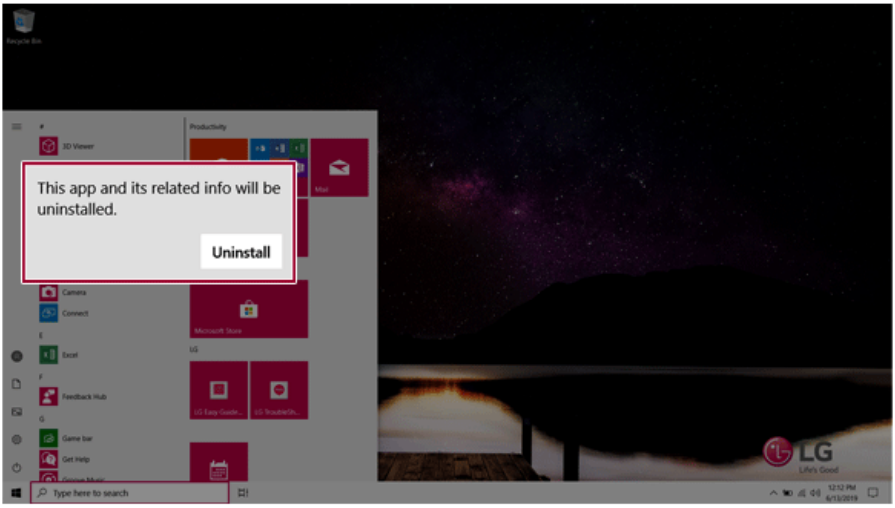
3 When the pop-up menu appears, select **[Uninstall]**.



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.

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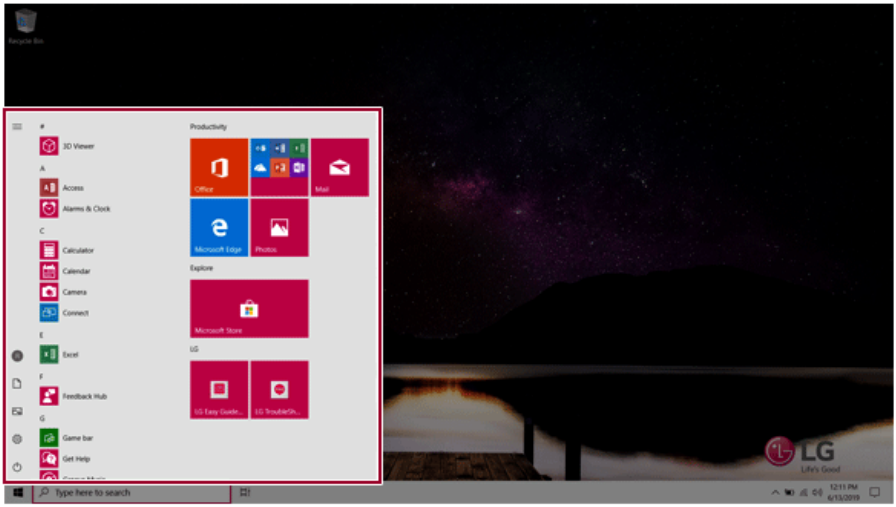
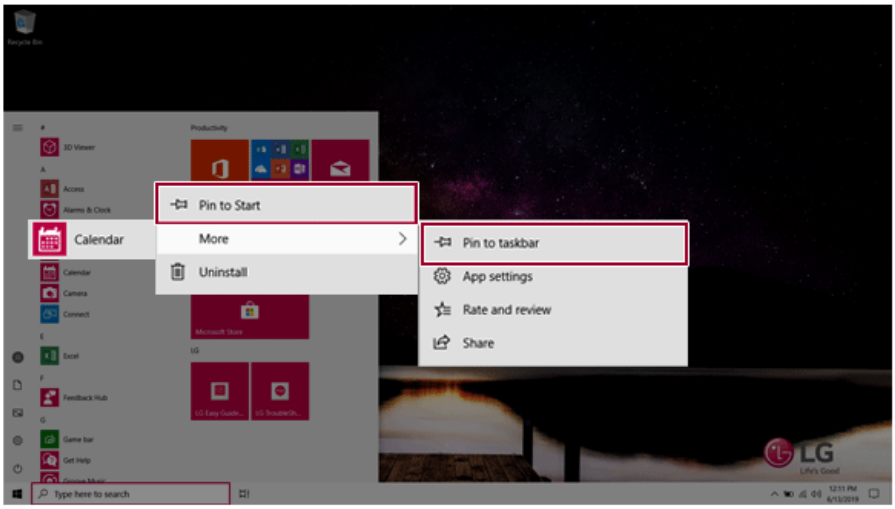
1 Press the [ ] button to display the Start menu.

TIP

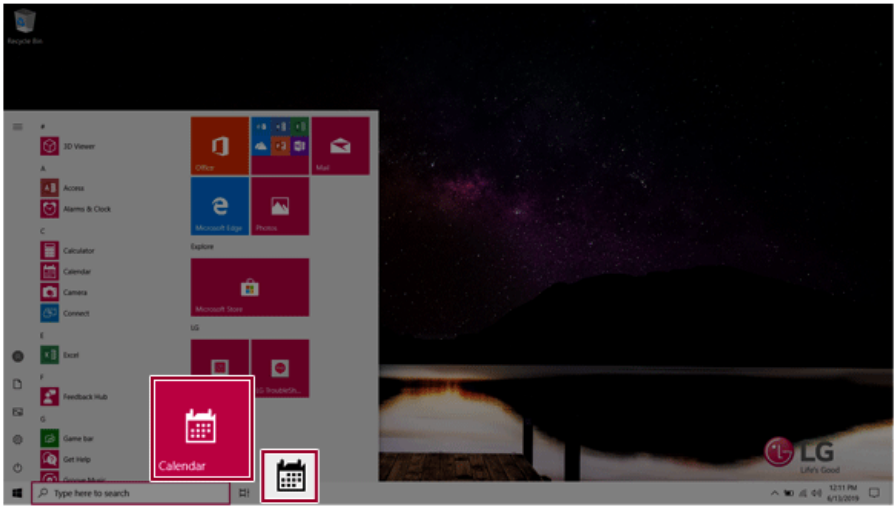
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



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.



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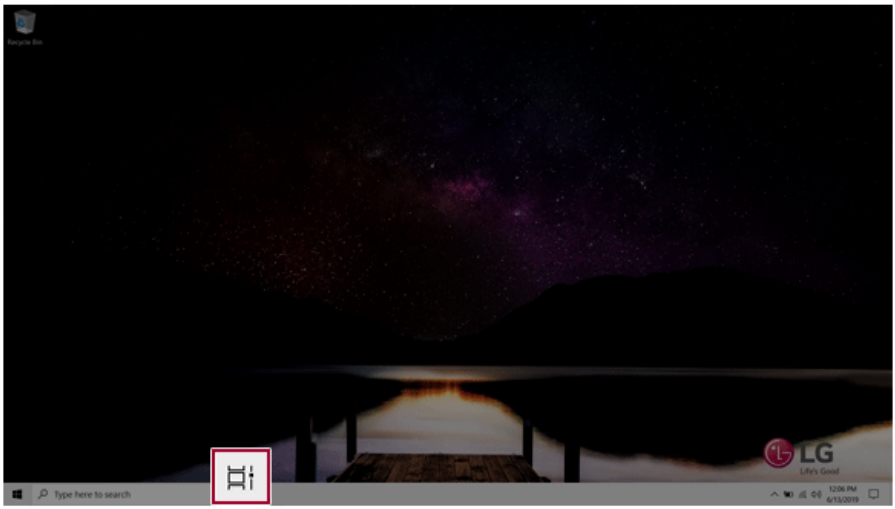
Toggling and Adding Apps/Desktops

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

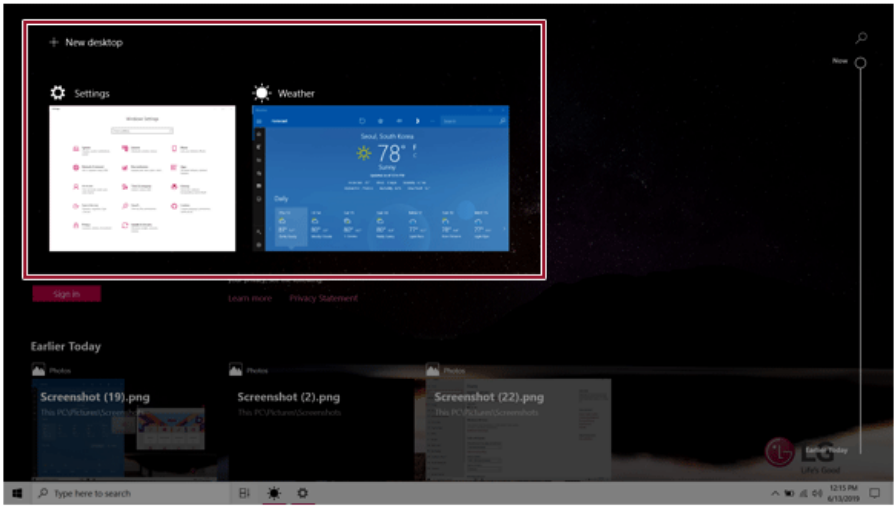
TIP

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 [ ].



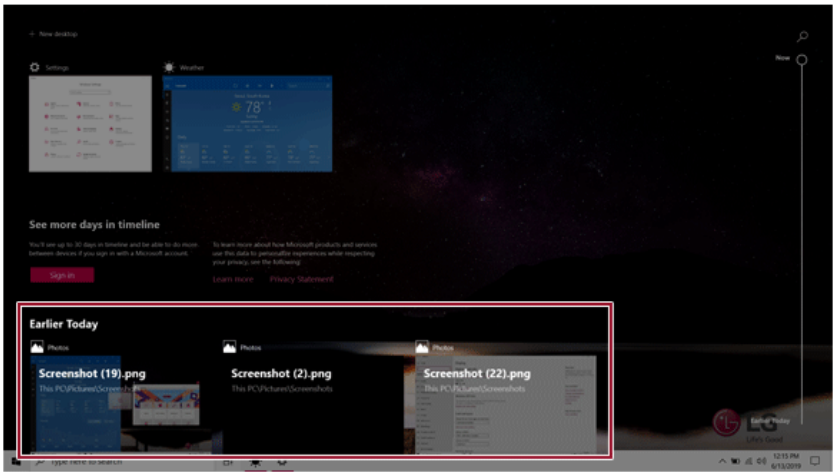
2 The screen to switch between apps and desktops appears and the running apps are displayed in the preview.



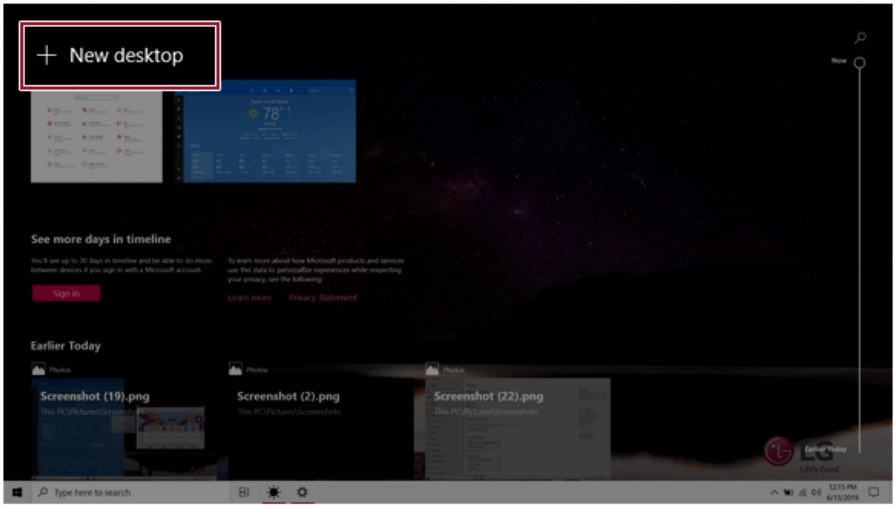
TIP

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

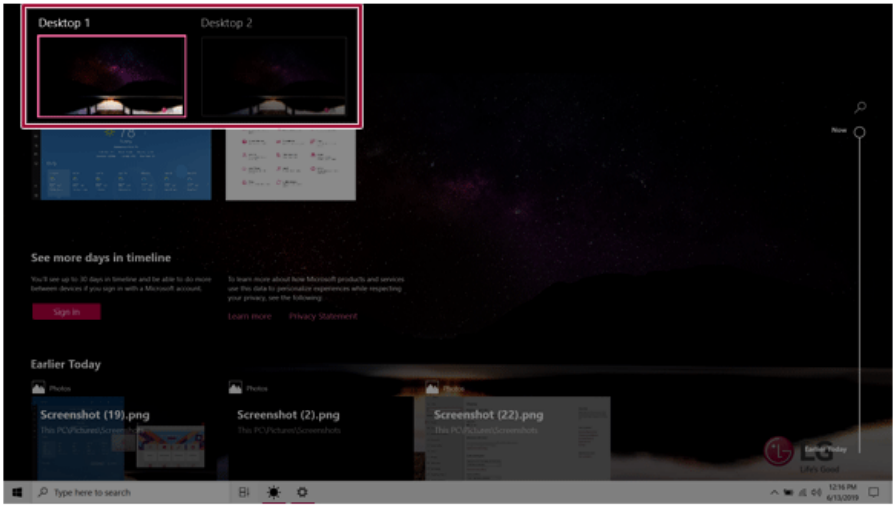
You can use the timeline displayed on the Desktop screen to check the history of PC usage.



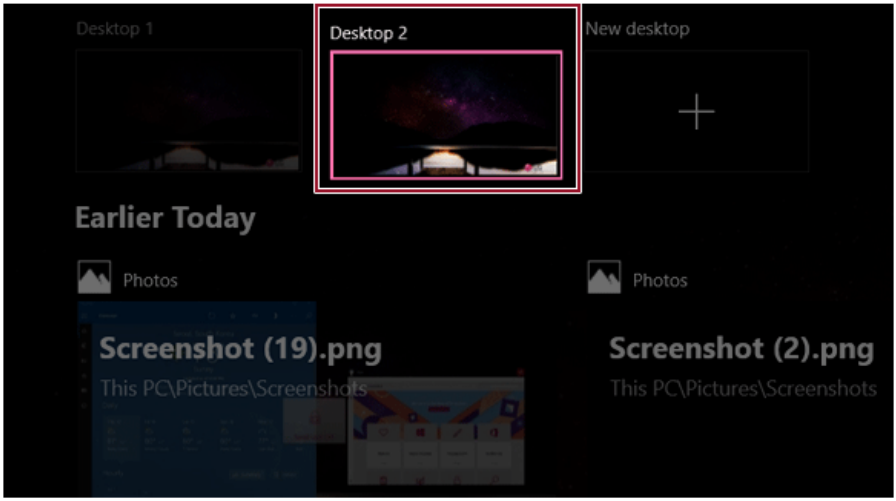
3 Click the **[New Desktop]** tile.



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.

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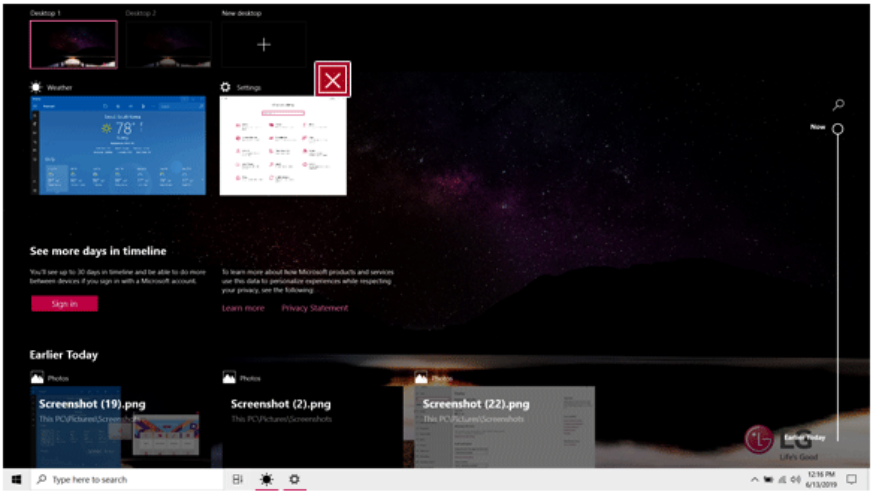
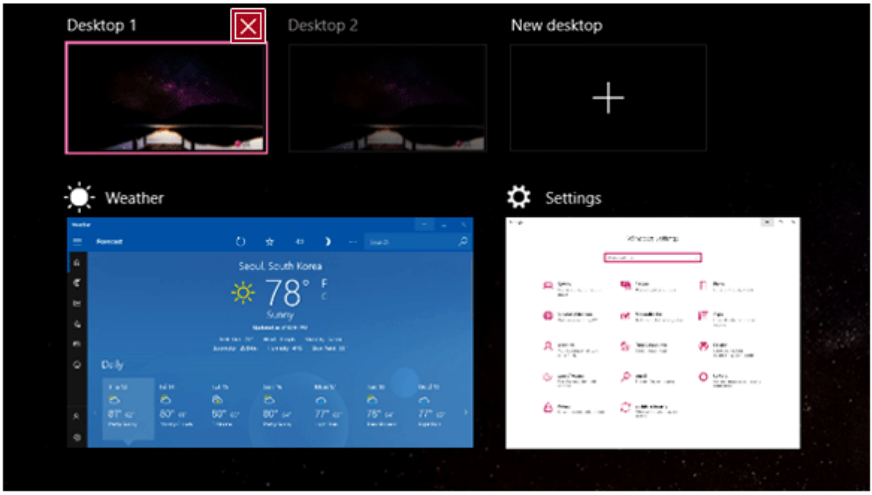
TIP

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

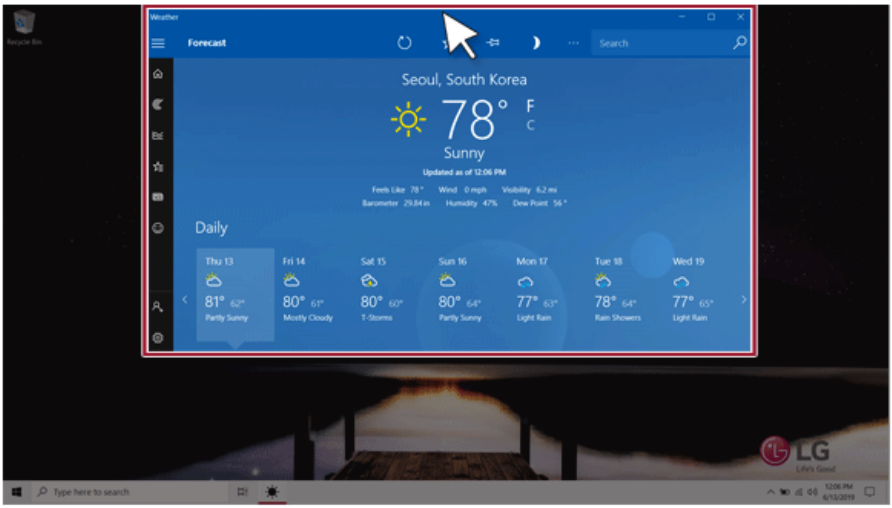
In Windows 10, you can easily adjust window sizes and split windows if necessary.

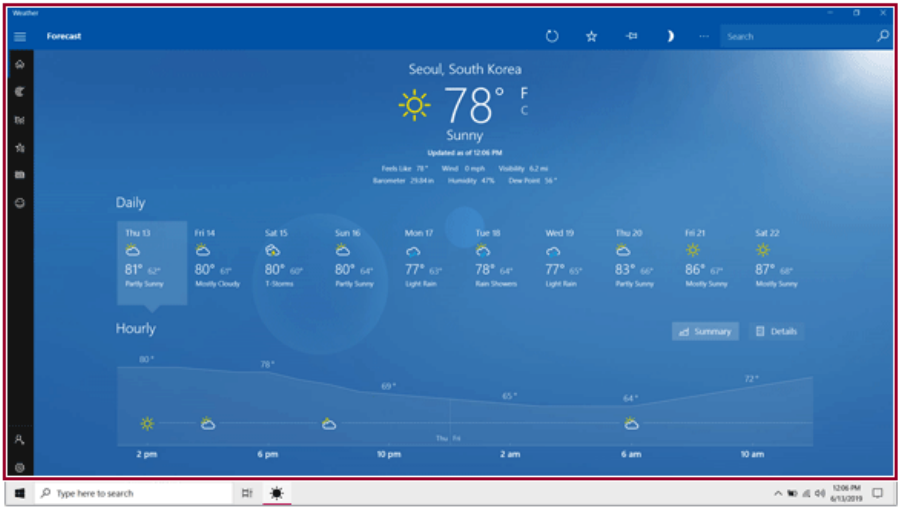
TIP

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.

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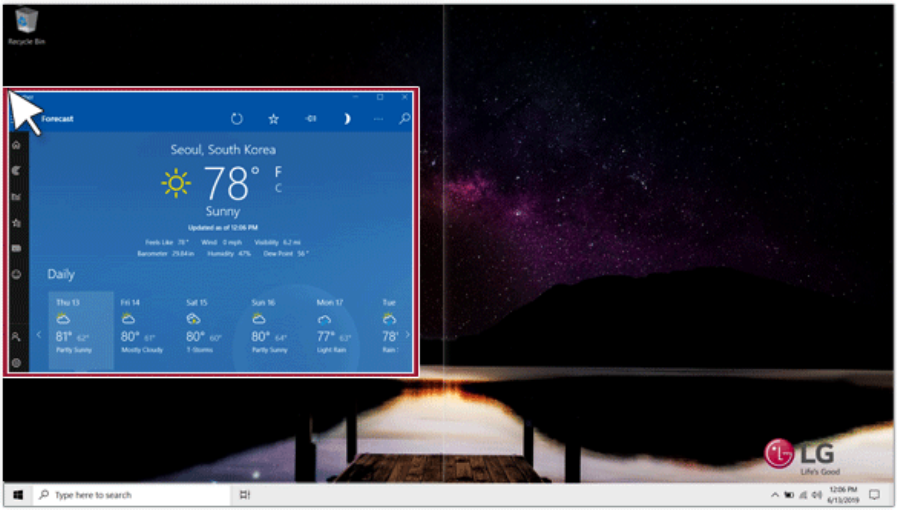
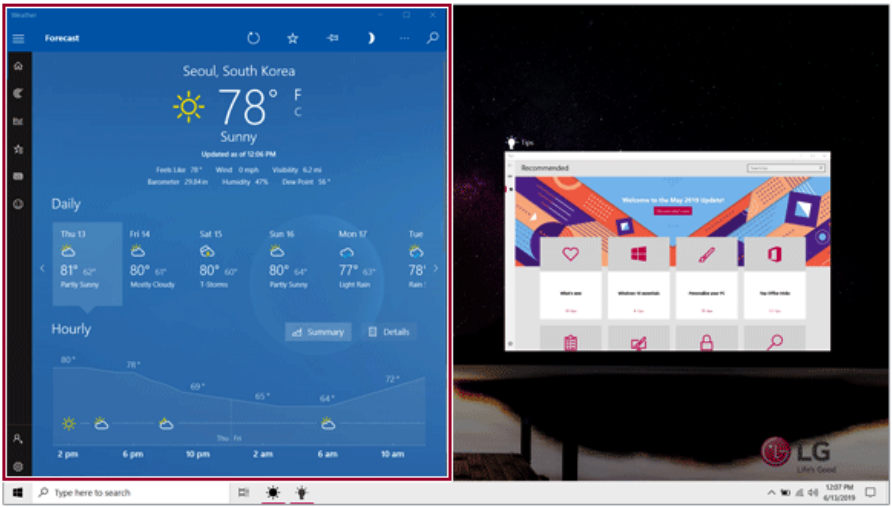
Screen Split into Two

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

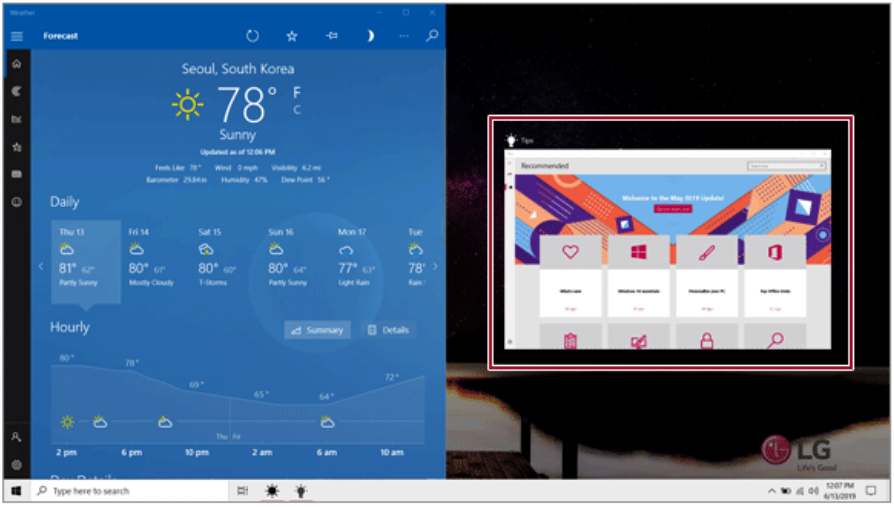
TIP

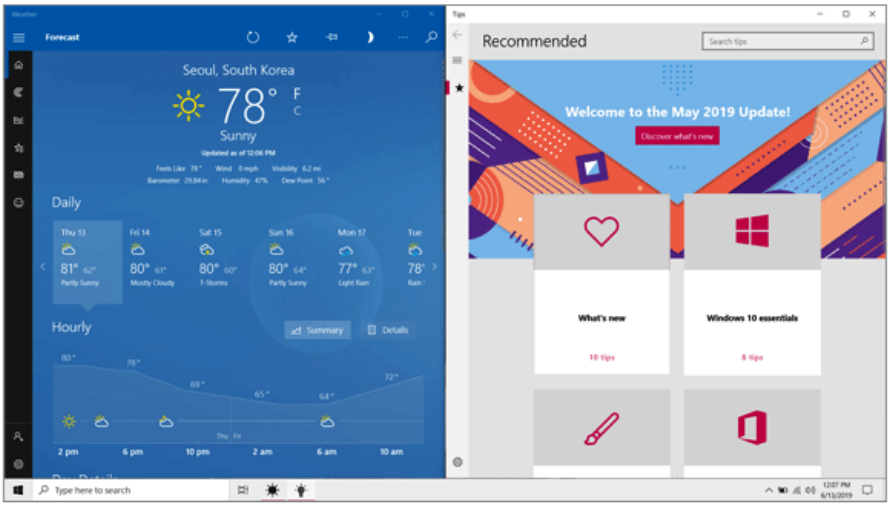
The screen is split according to the guideline.





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.

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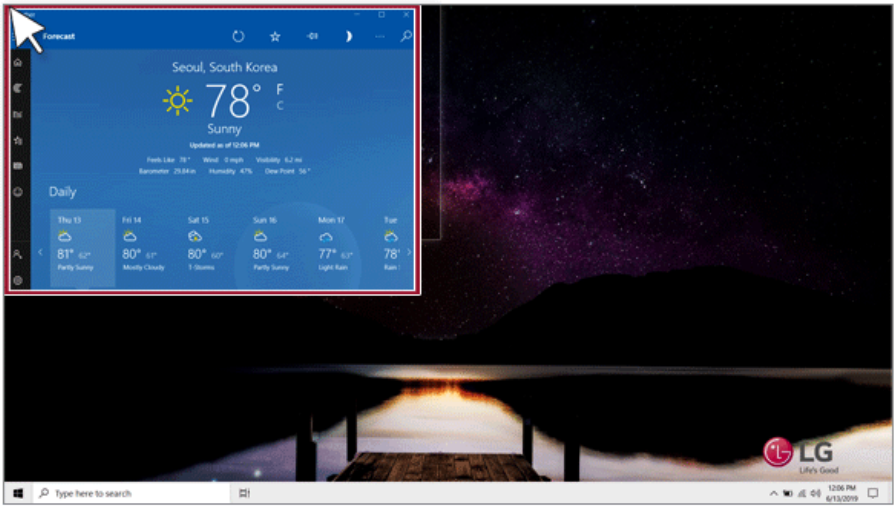
Screen Split into Four

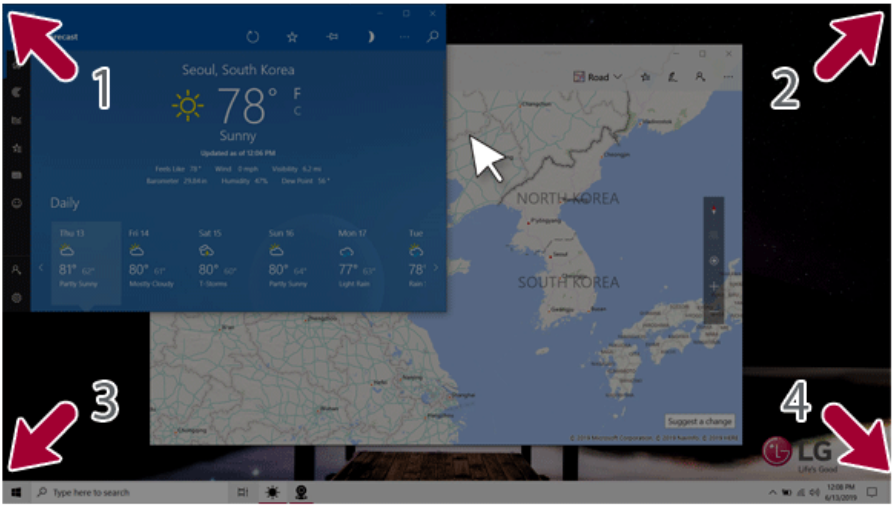
1 Drag and drop an app to the left corner to reduce the app to 1/4 size of the screen.

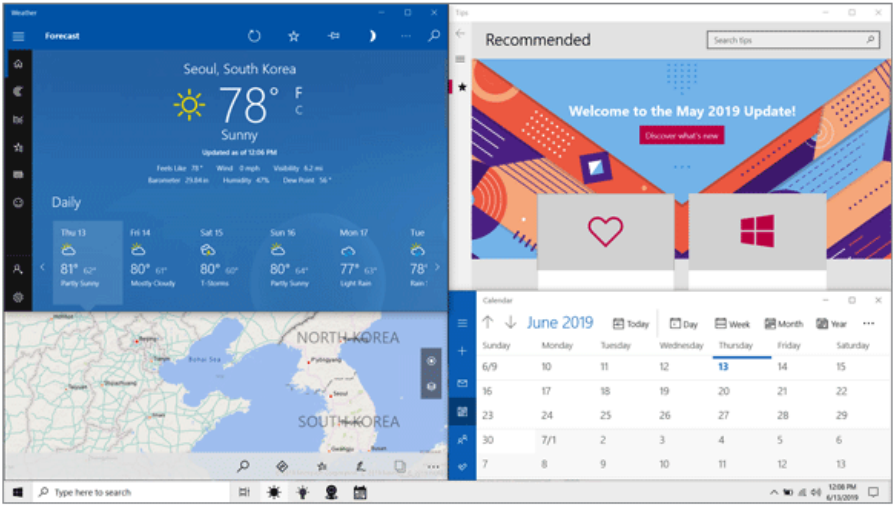
TIP

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.

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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.

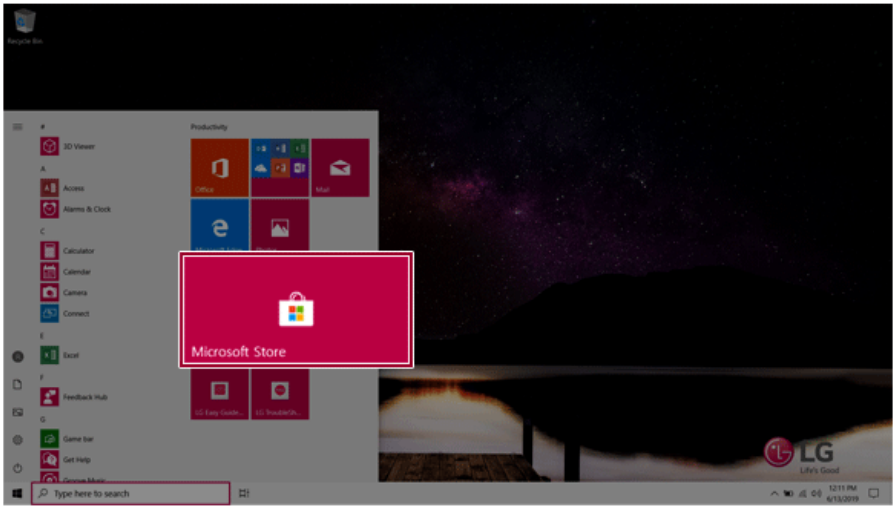
You can also do so by selecting [Start menu] > [Account] > [Change Account Settings].

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

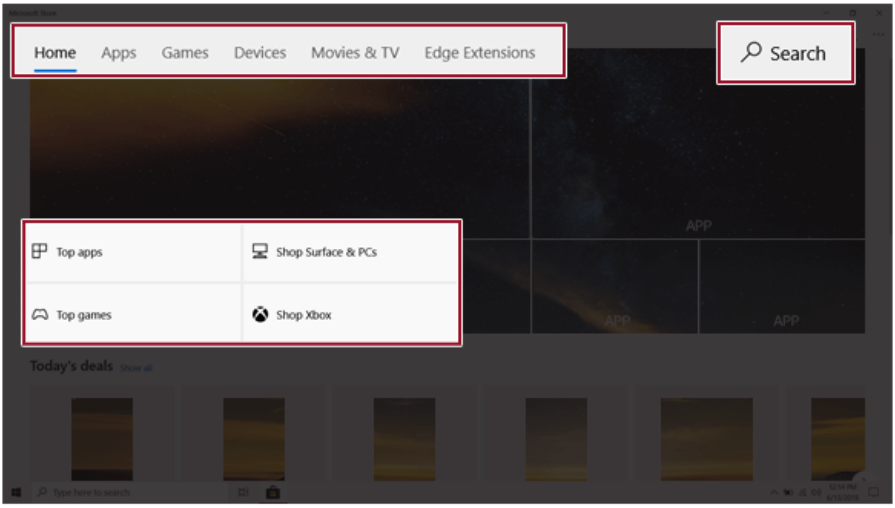
1 Press the [ ] button to move to the Start menu and select the **[Microsoft Store]** tile.

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.



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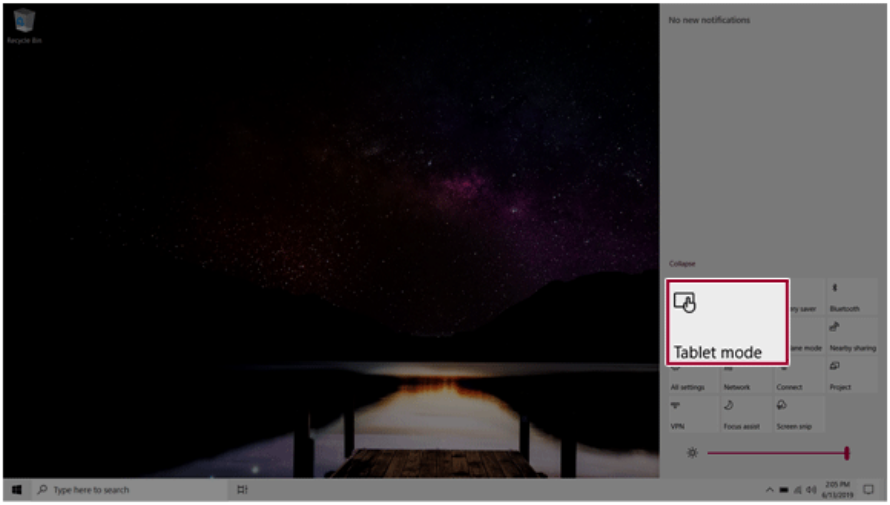
Switching to Tablet Mode

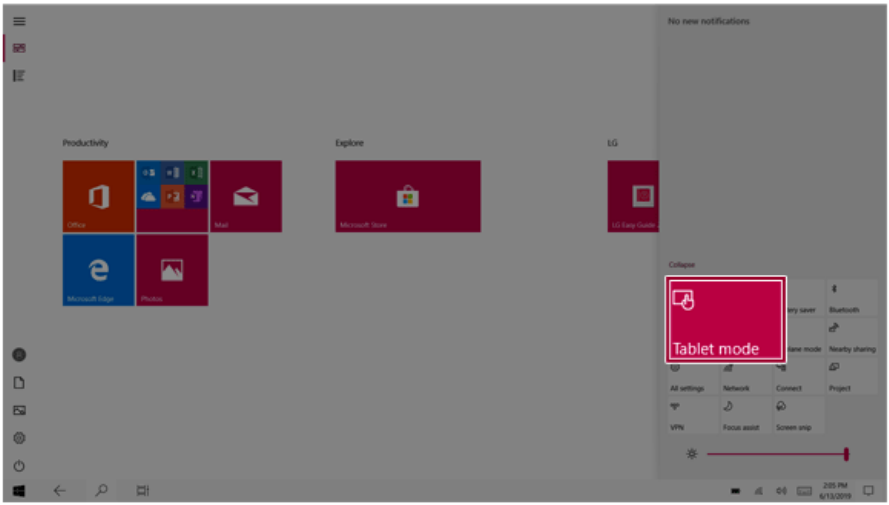
If you are using Windows on a tablet PC, you can easily switch to the tablet mode.

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.



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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.)

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.

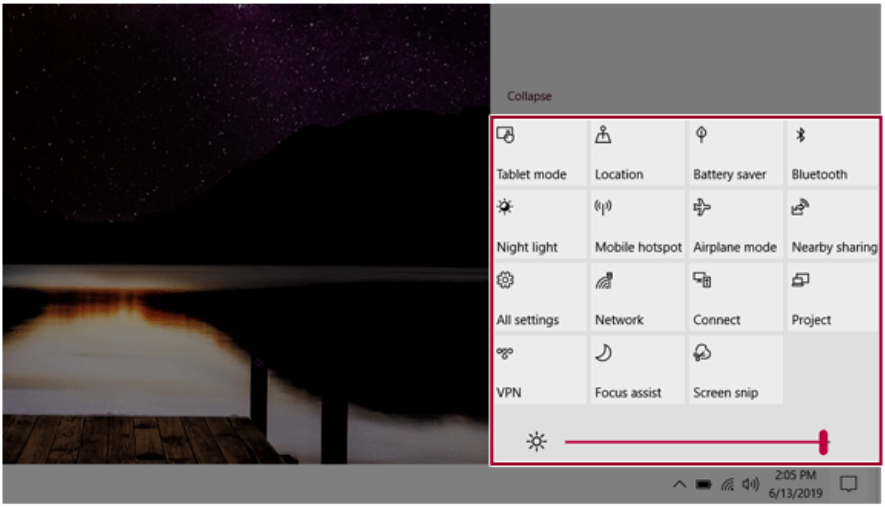
TIP

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

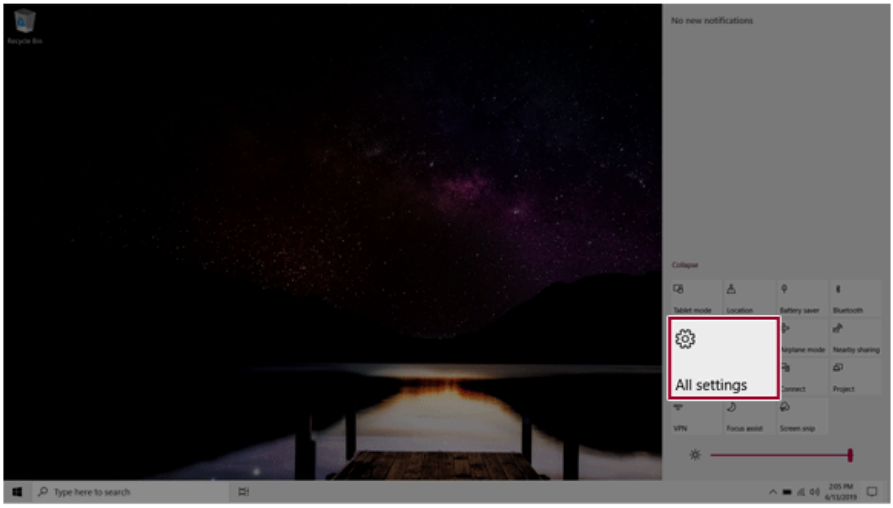
CAUTION

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.



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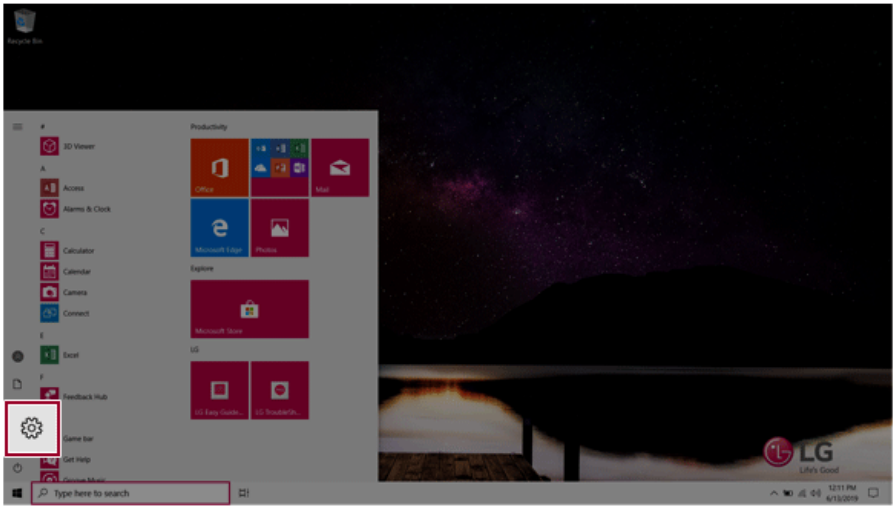
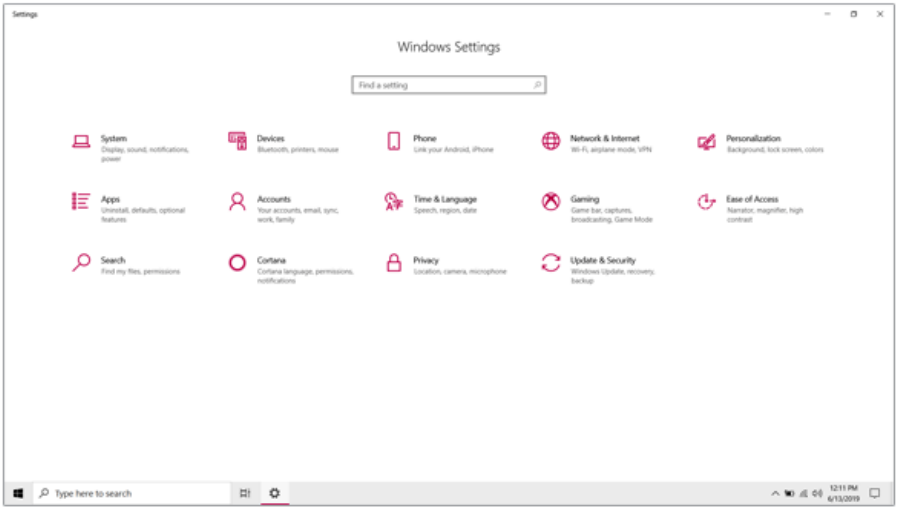
Using the Start Menu

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.



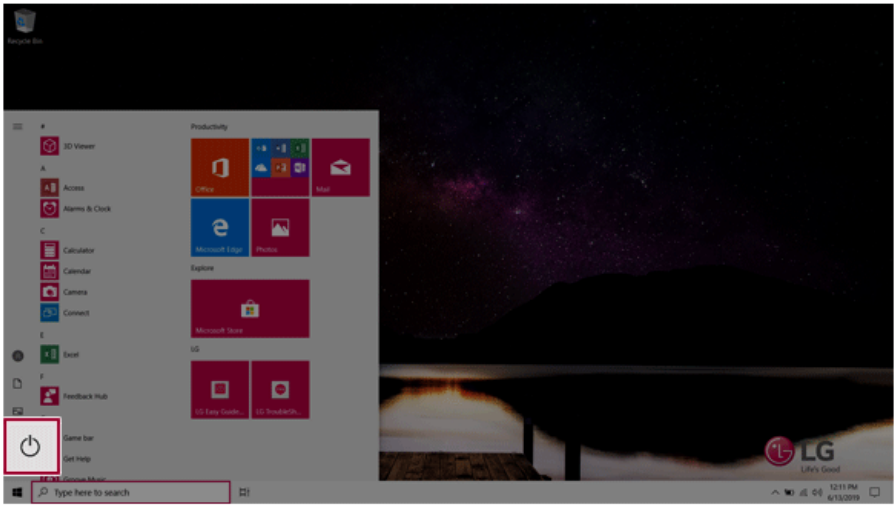
Windows Shutdown Option

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.)

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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.

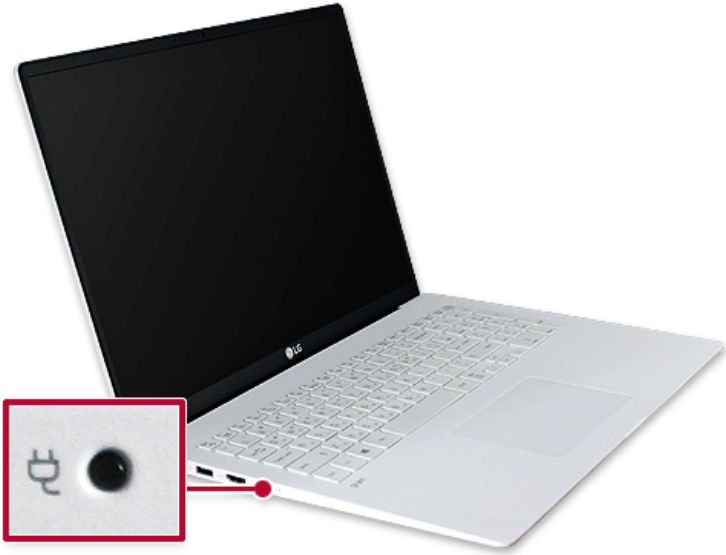
When you use an AC adapter, follow the below directions.

- 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.

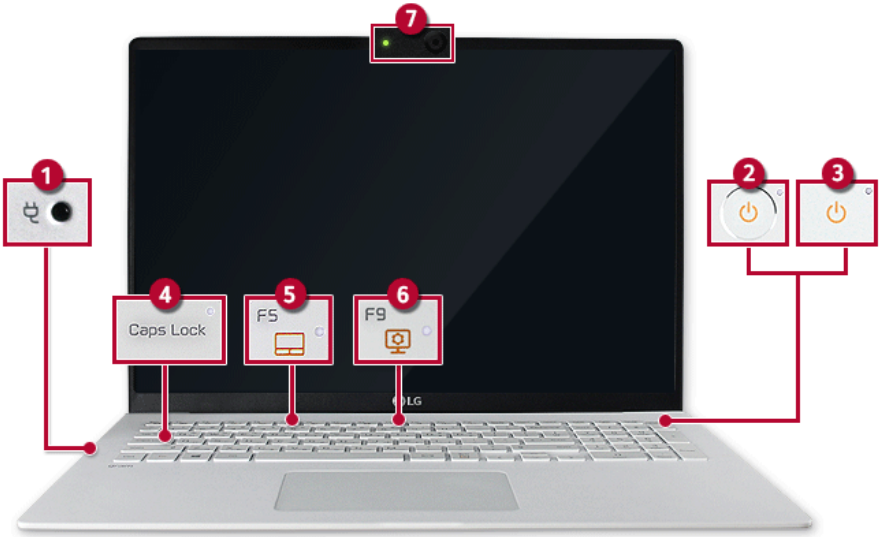
The battery capacity may change due to chemical reactions during charge and discharge.

- 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 + PgUp	Works as the [Home] key.
Fn + PgDn	Works as the [End] key.
Fn + Ctrl	Works as the [Pop-up Window] 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**

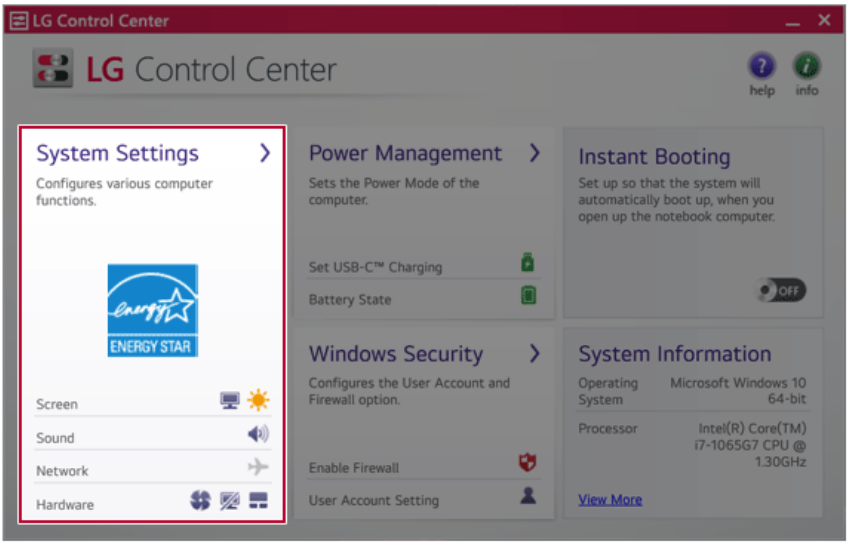
TIP

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

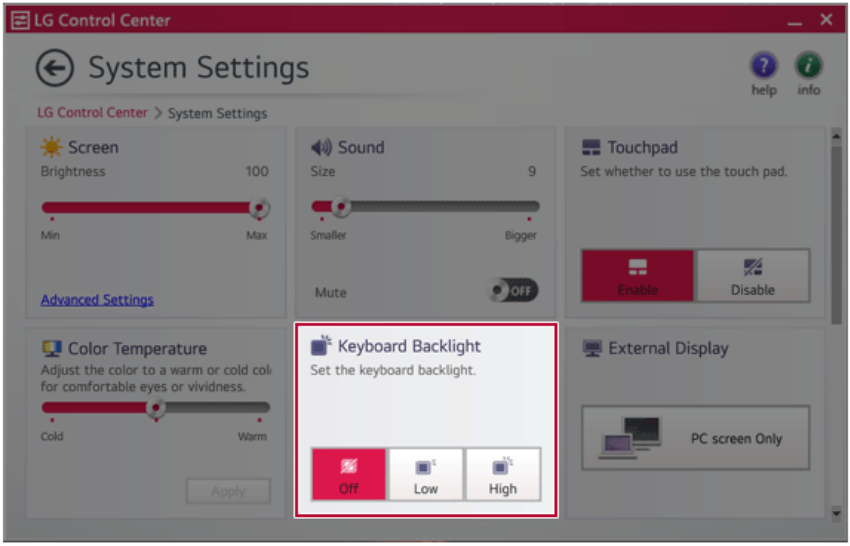
- Each time you press the [Fn] + [F8] keys, the status changes to **KBD Backlight Off**, **KBD Backlight Low**, and then **KBD Backlight High** in the specified order.

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.

ENGLISH

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

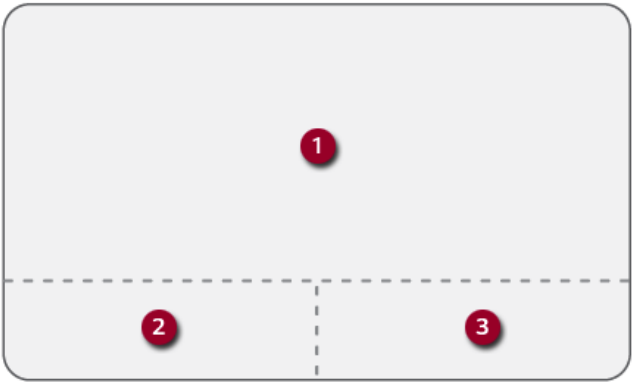
- Hearing Protection Feature Off

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.

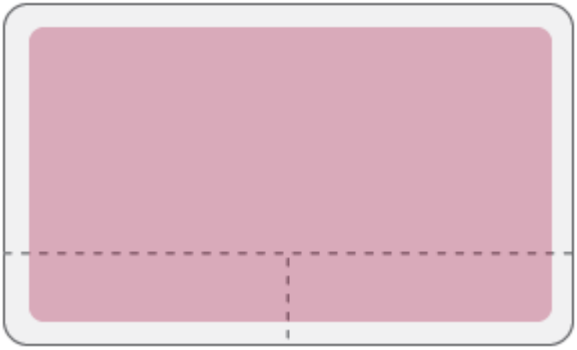
3 Right button
- Functions as the right button of a mouse in most cases. However, the usage may differ depending on programs.

TIP

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

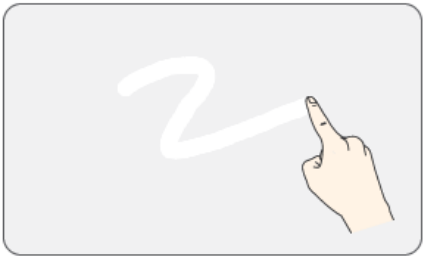
Precautions for Using the Touchpad

- 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

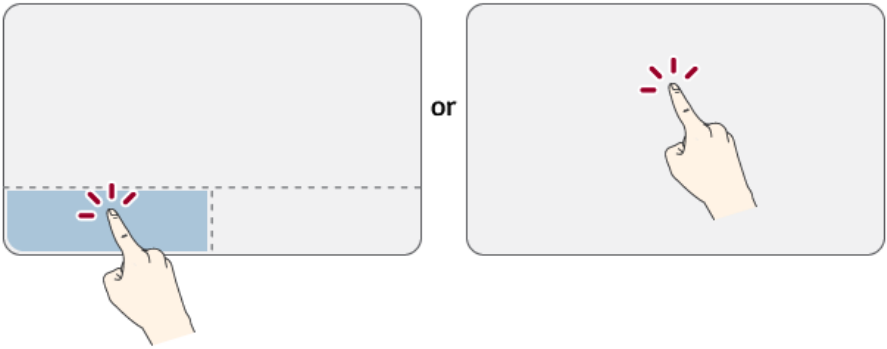
Place a finger on the touchpad and glide the finger.



Click (Select)

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

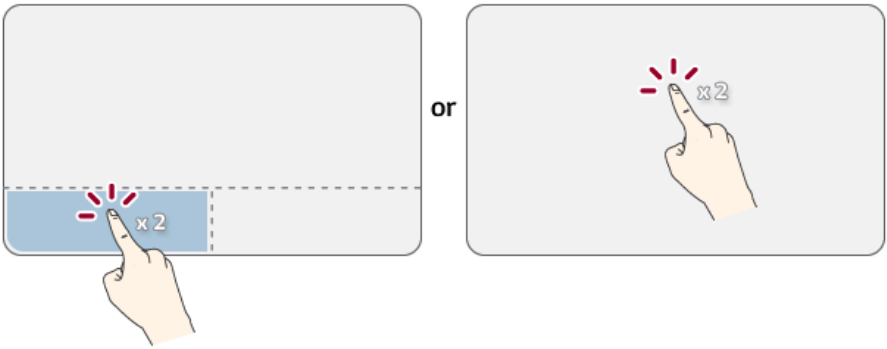
Do this, for example, to select a menu or icon and to place the cursor to type on a word processor file.



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

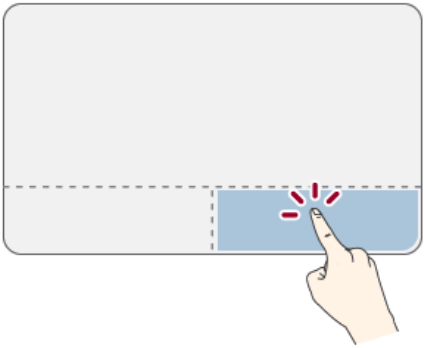
Notes on Using the Touchpad

- 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.

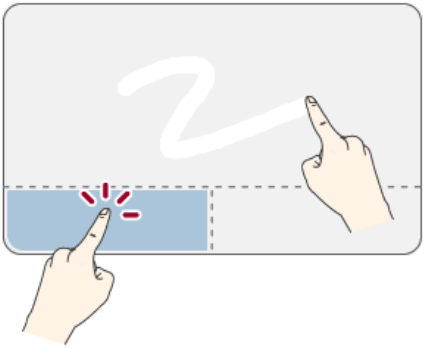


Drag & Drop

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.)

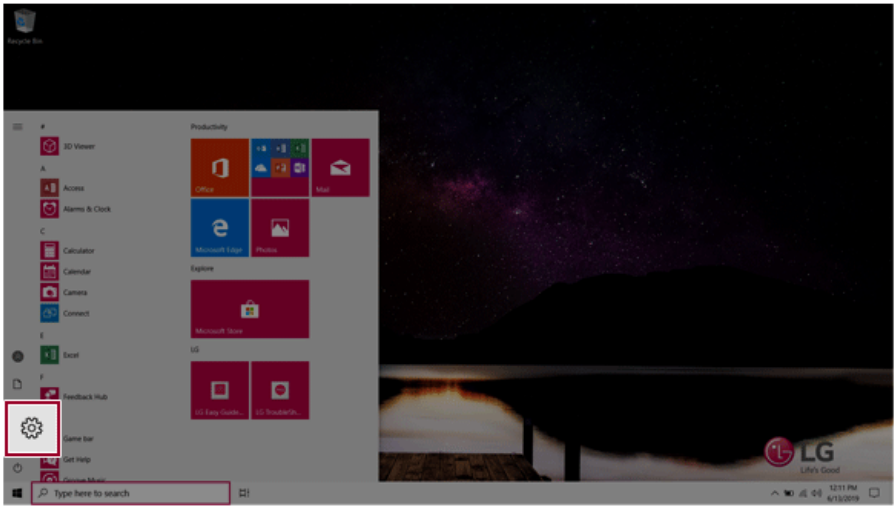
ClickLock

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

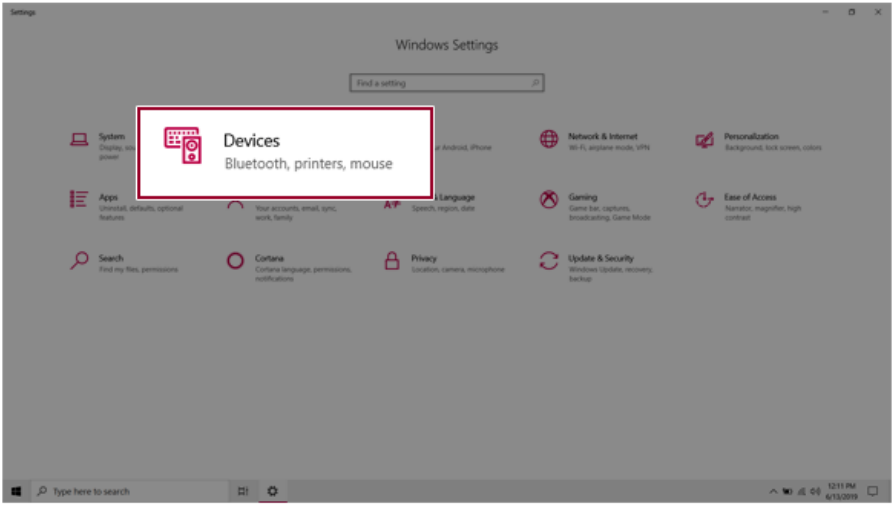
1 Click the [ ] button and select the [Settings] menu.

TIP

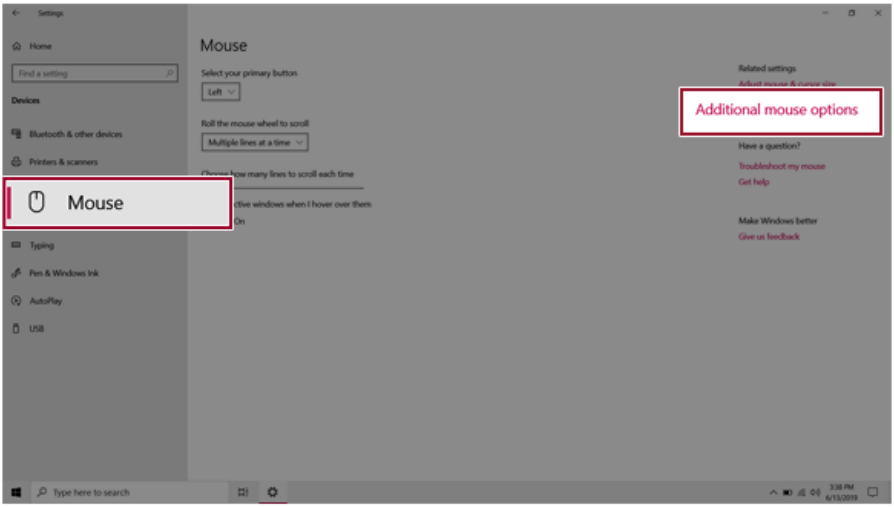
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



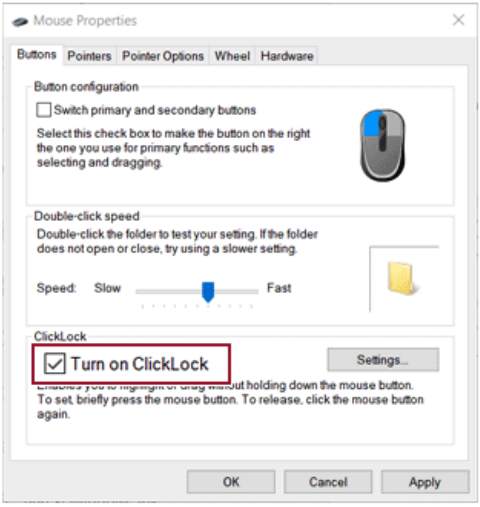
2 When the [Settings] screen appears, select [Devices].



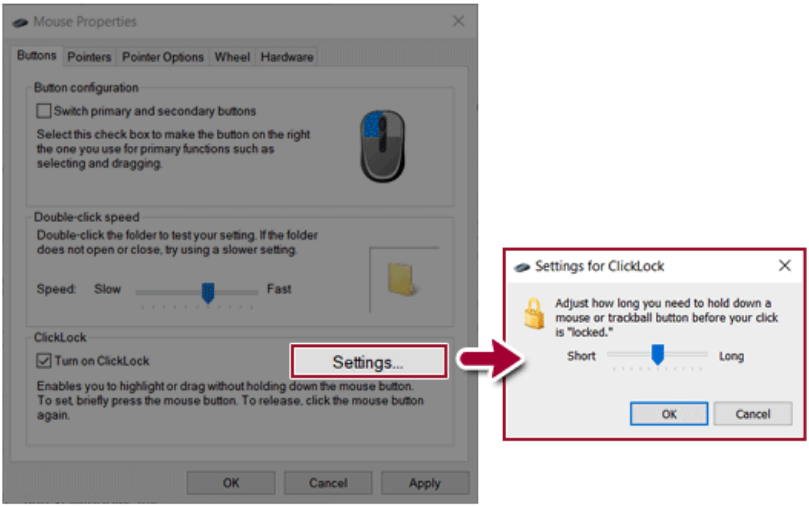
3 Select [Mouse] > [Additional Mouse Options].



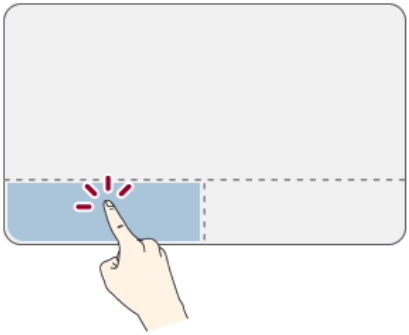
4 When [Mouse Properties] screen appears, select [Turn on ClickLock].



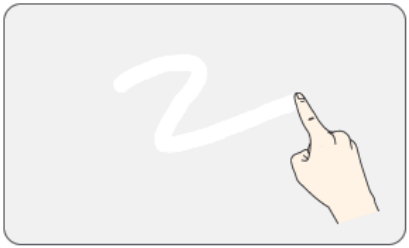
5 Press [Settings] to set the time for the ClickLock.



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.

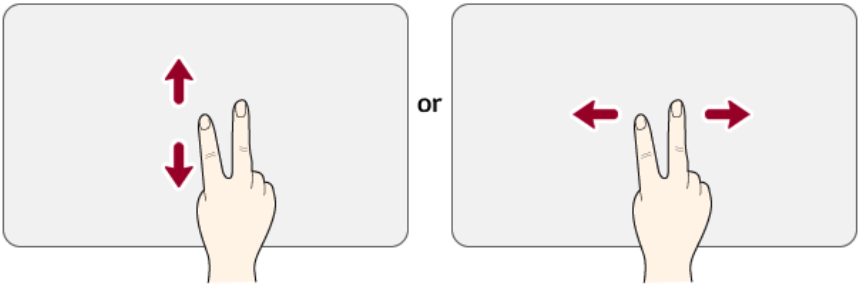
Touchpad Gesture

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

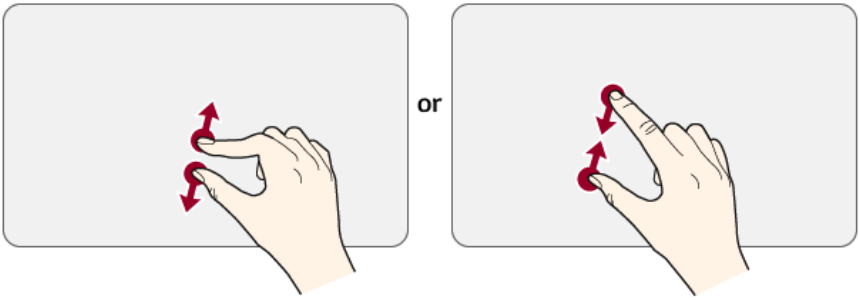
Windows 10 Touchpad Gestures allow you to use the PC more easily.

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.



ENGLISH

Setting Touchpad

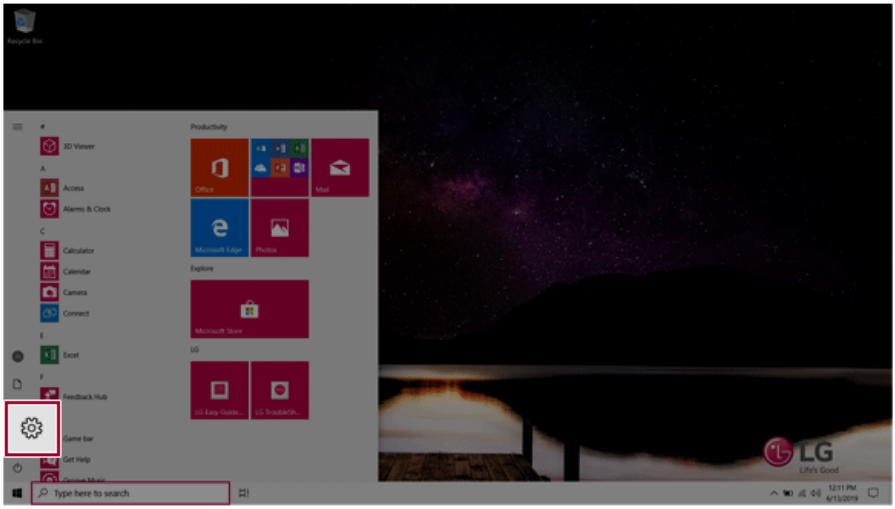
You can change the touchpad features or enable/disable the gesture feature.

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

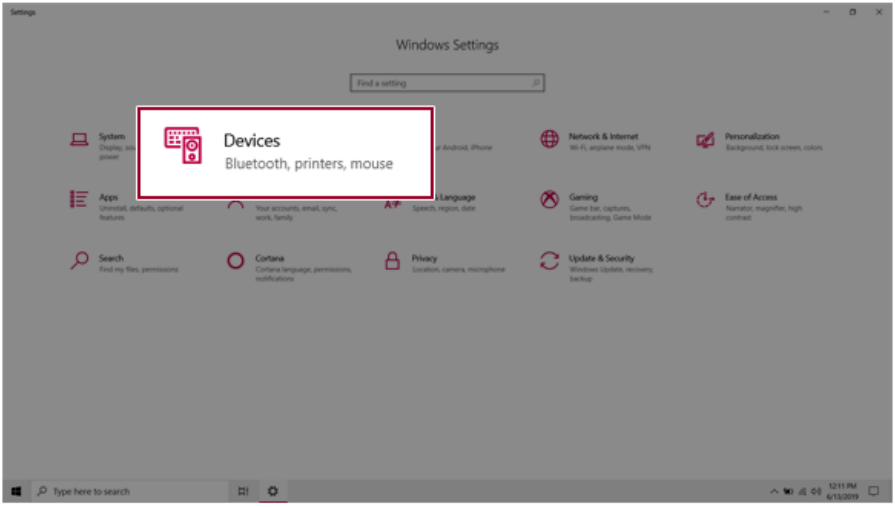
1 Click the [ ] button and select the [Settings] menu.

TIP

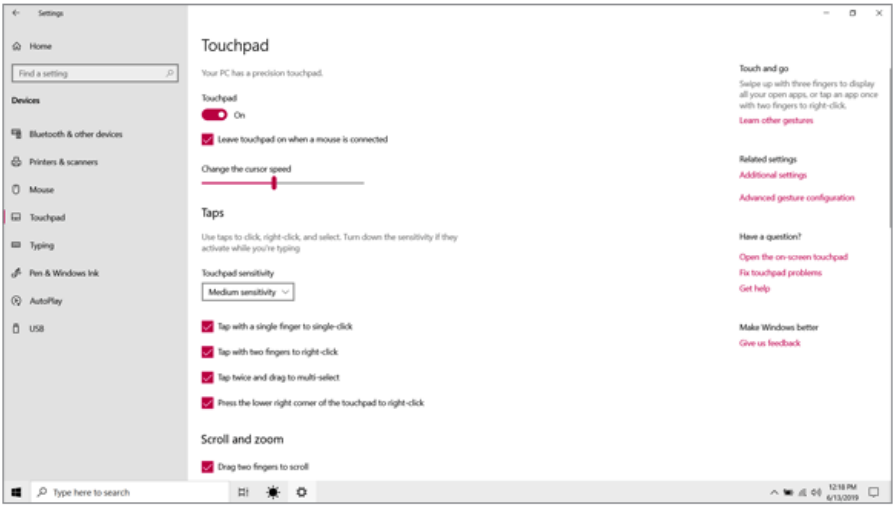
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



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



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



ENGLISH

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.

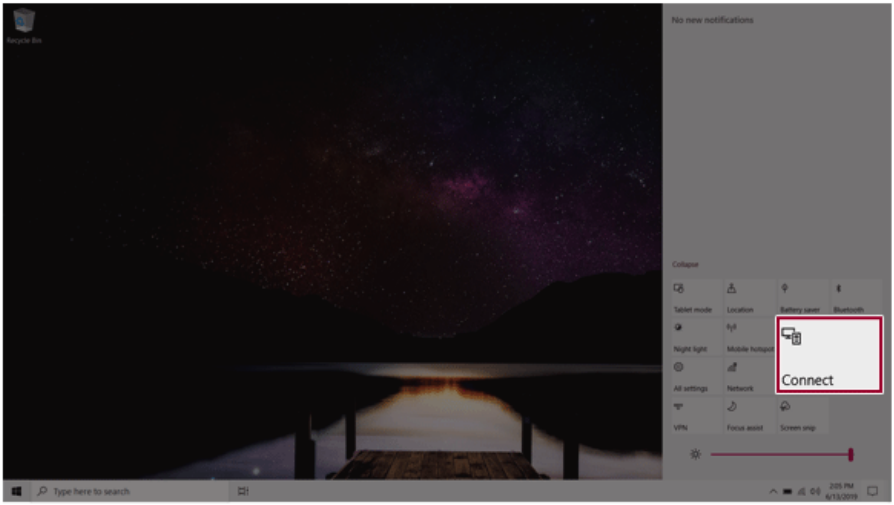
Connecting to Wireless Display

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

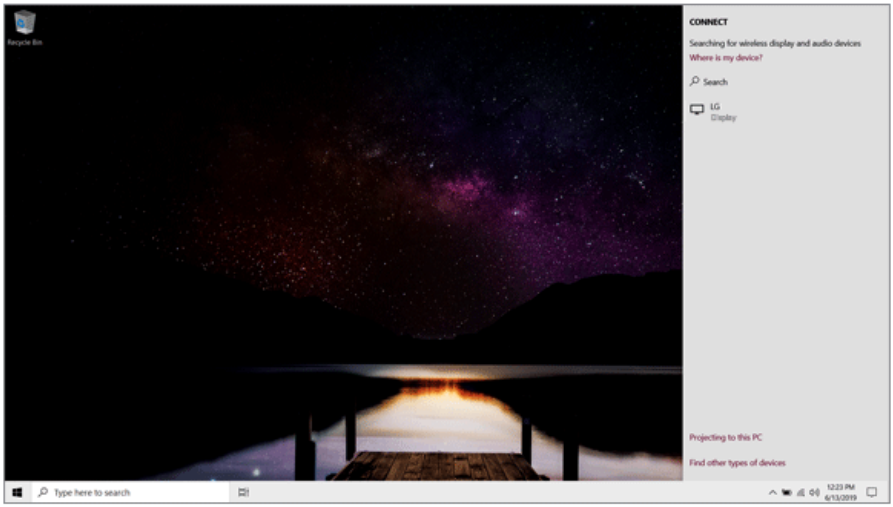
2 When the Action Center screen appears, press the **[Connect]** tile.

TIP

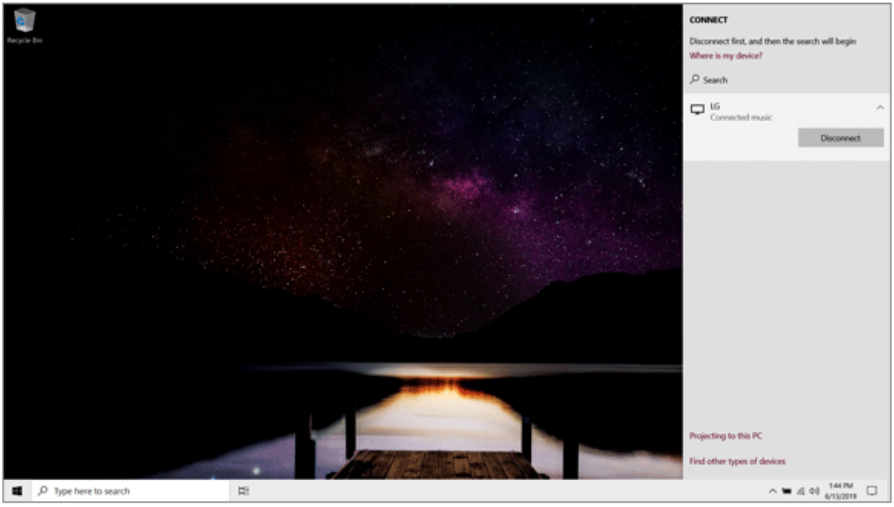
If the tile does not appear, press the [Expand] menu.



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.

ENGLISH

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.

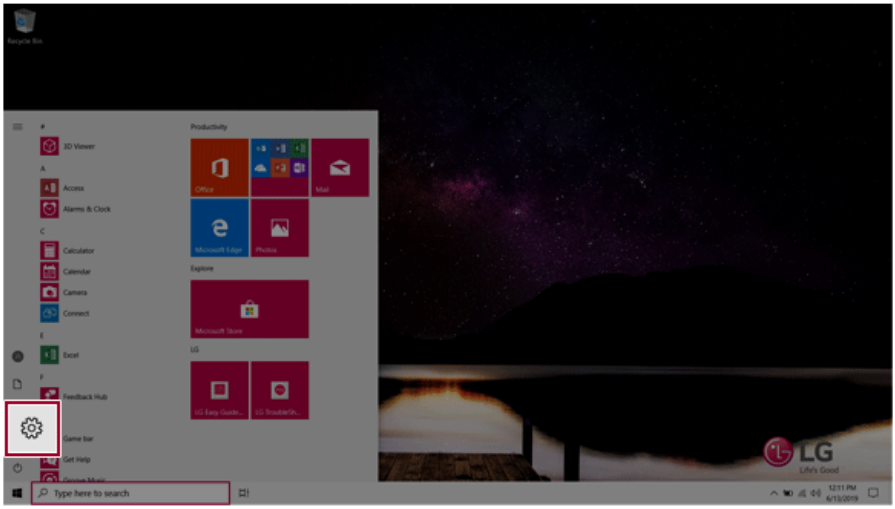
Connecting two notebook PCs that support Thunderbolt™

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.

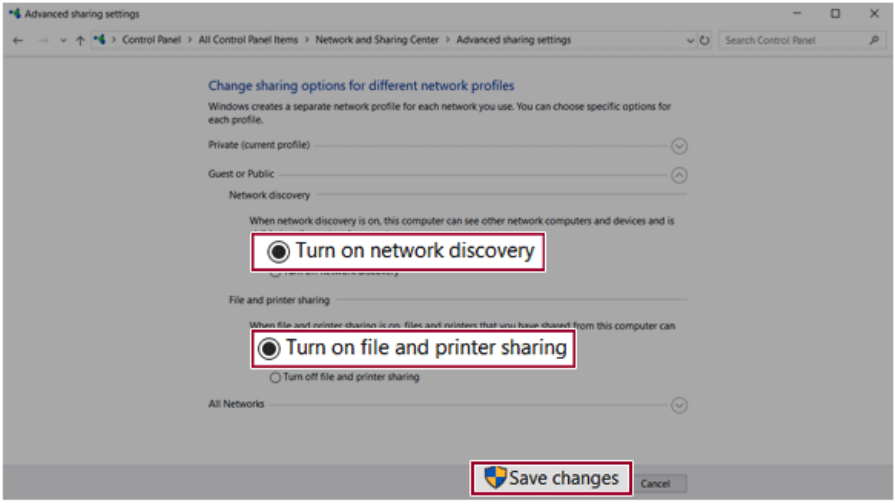
TIP

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] > [].

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**

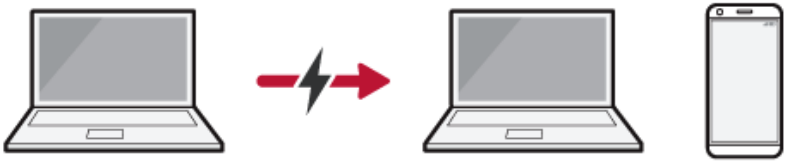
The connected device is used to charge the notebook PC.

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.

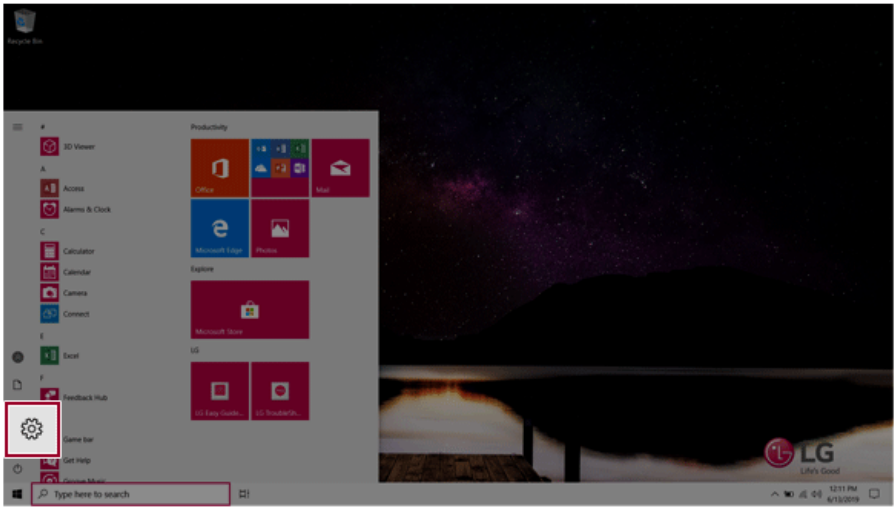
The figures herein may differ by language selection and are subject to change without prior notice.

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

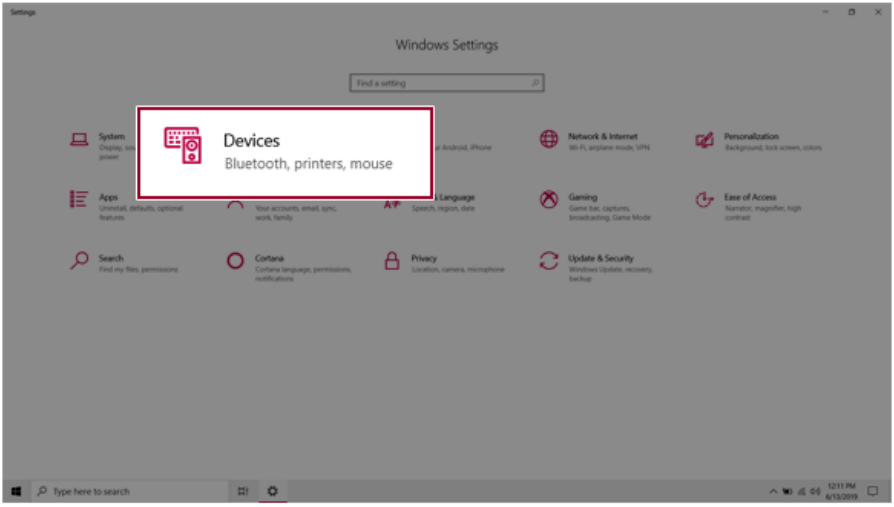
1 Click the [ ] button and select the [Settings] menu.

TIP

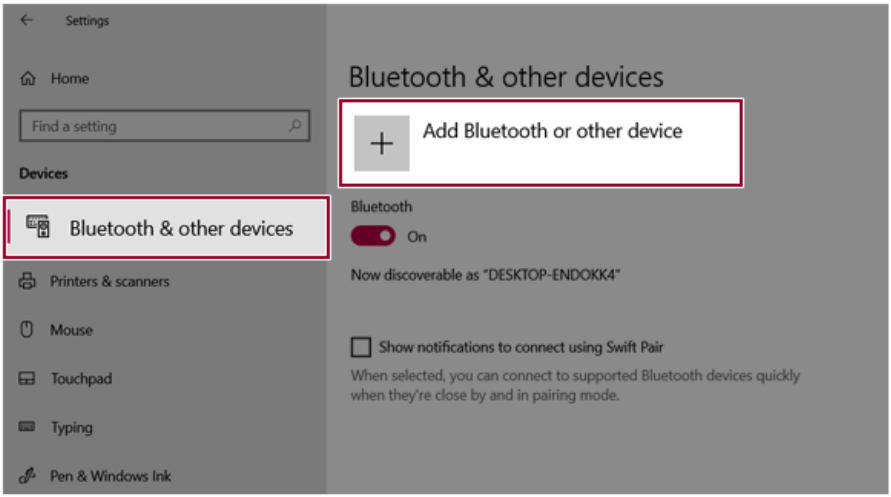
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.

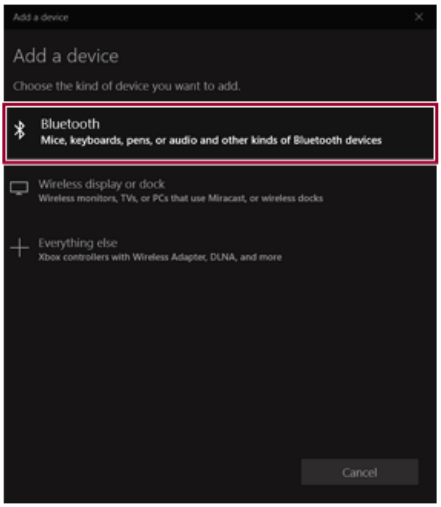


2 When the [Settings] screen appears, select [Devices].

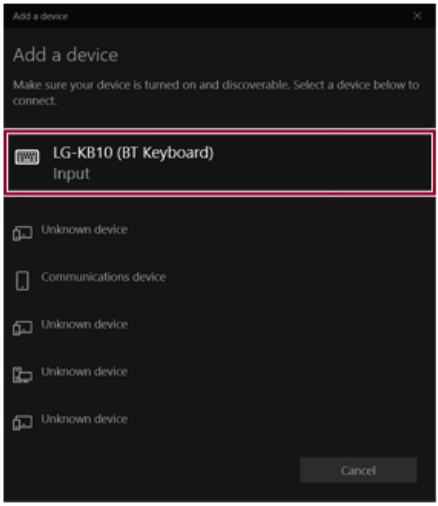


3 Select **[Bluetooth & other devices]** > **[Add Bluetooth or other device]** > **[Bluetooth]** to search for Bluetooth devices.





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.

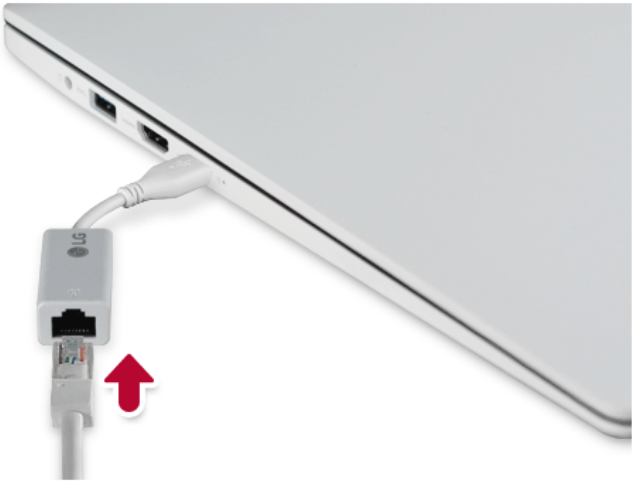
1 Connect the LAN adapter to the USB-C™ port on the PC.

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.

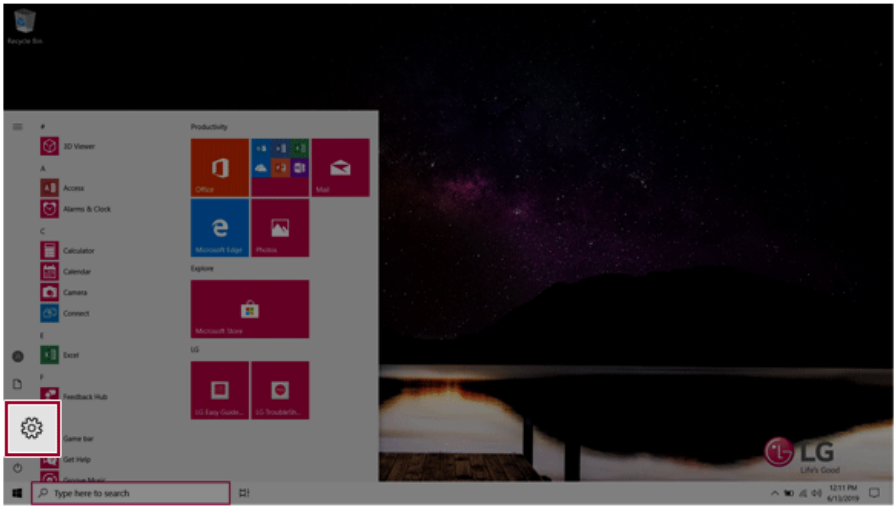
2 Connect the wired LAN cable to the LAN port.



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

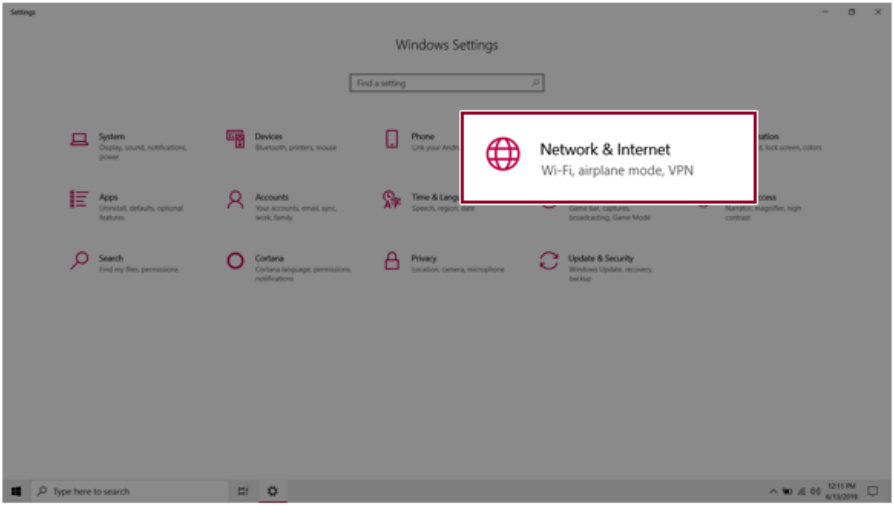
TIP

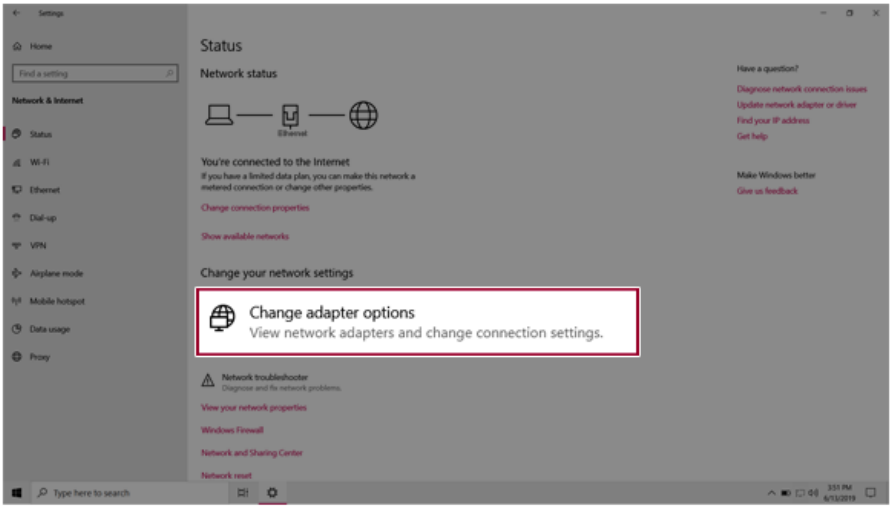
Press the [ ] key or [Ctrl] + [Esc] to display the Start menu.



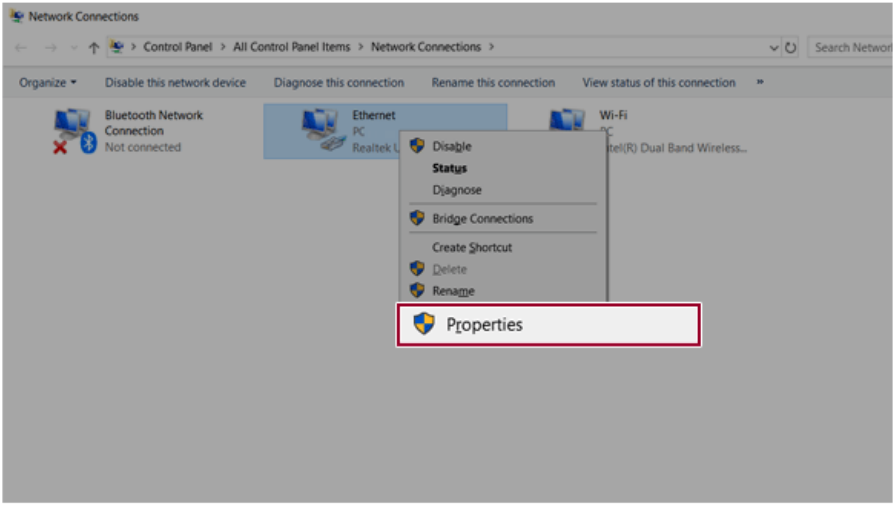
ENGLISH

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

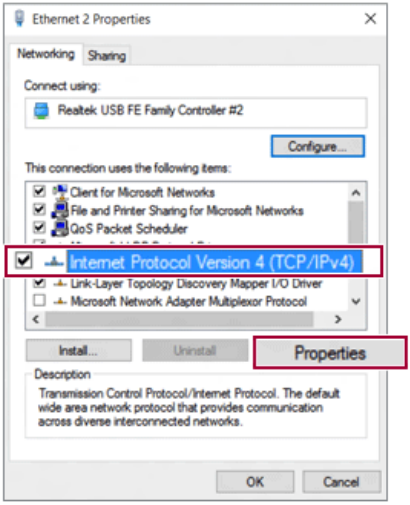




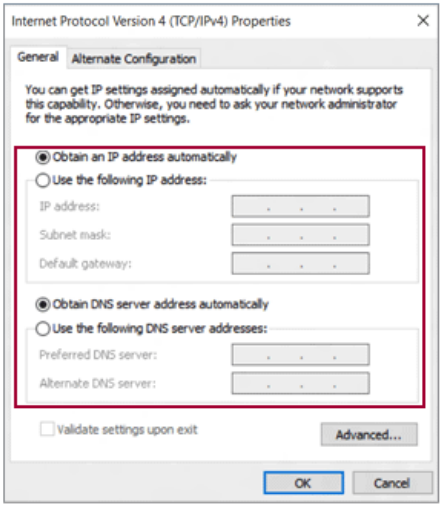
5 Right-click **[Ethernet]** and select the **[Properties]** menu.



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.

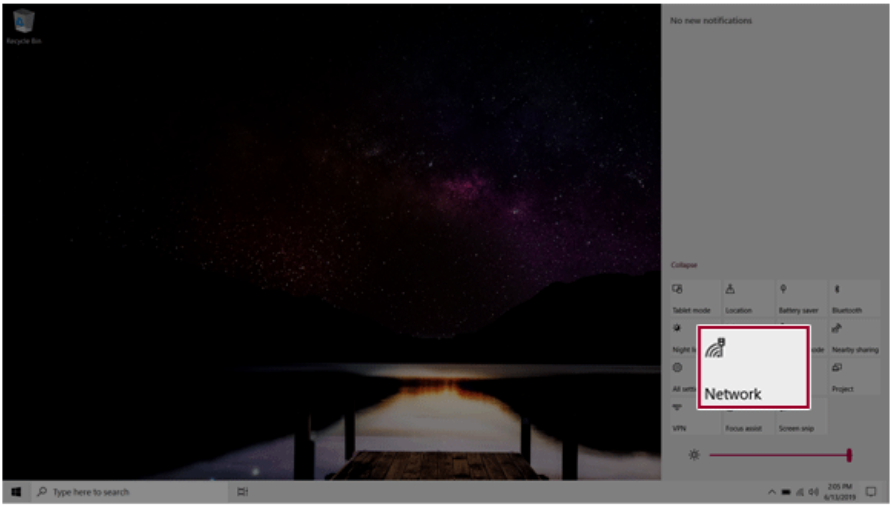
During the search for a wireless network (Wireless LAN), various Access Points may be found according to the location where the PC is used.

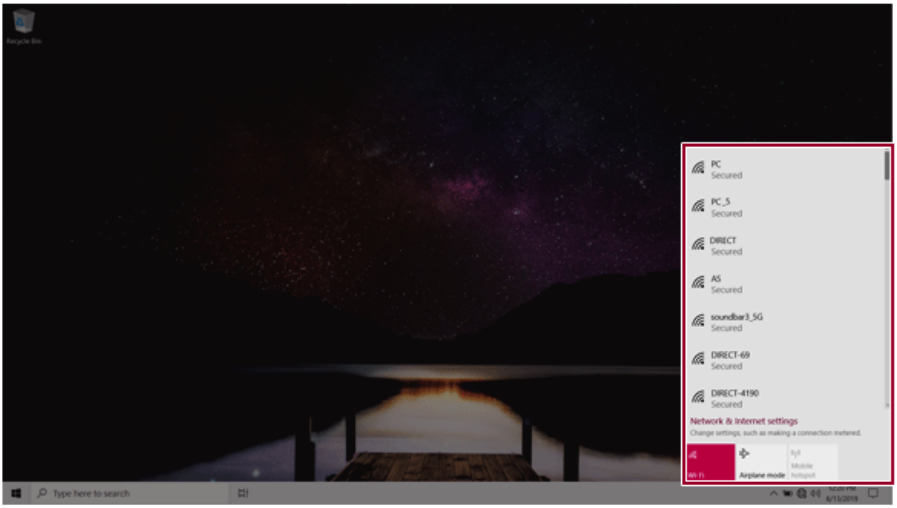
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

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.

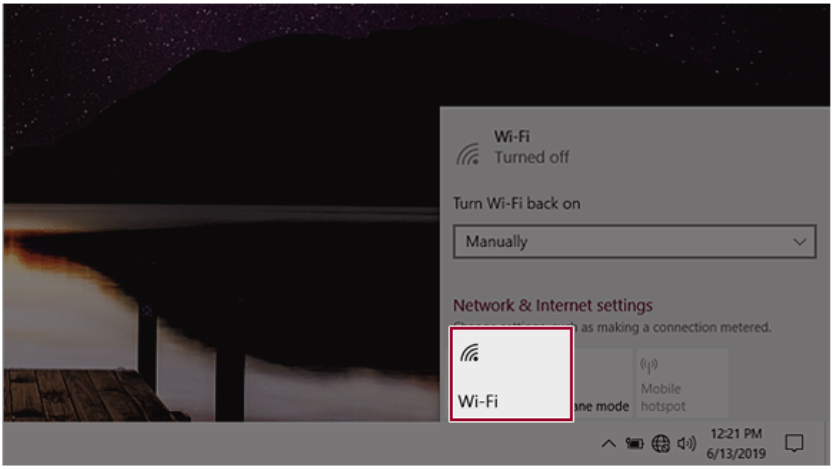




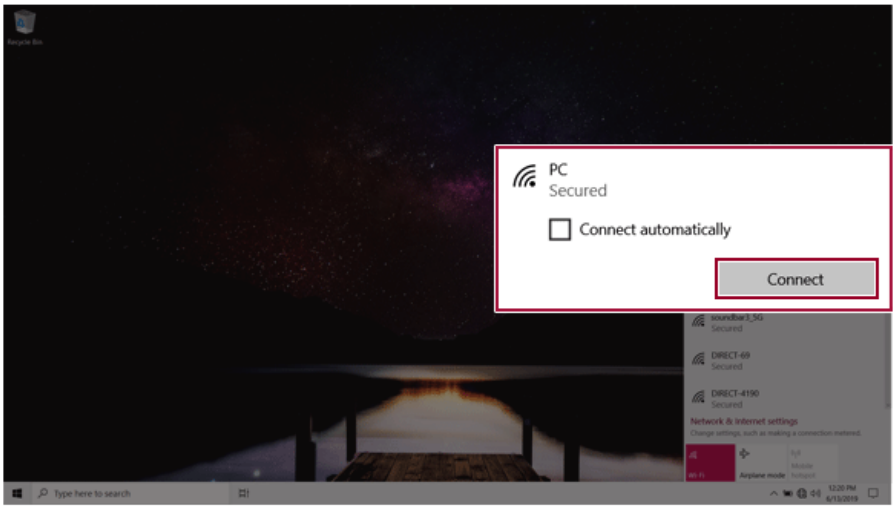
TIP

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

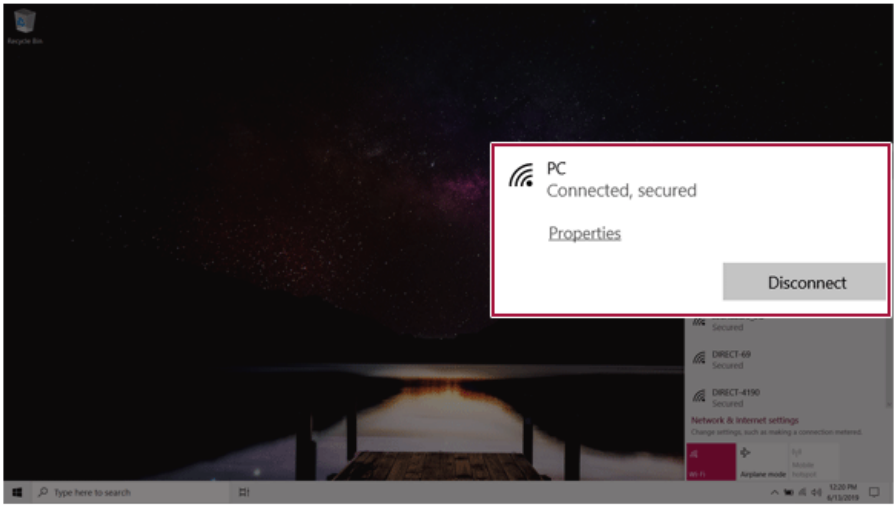
ENGLISH



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

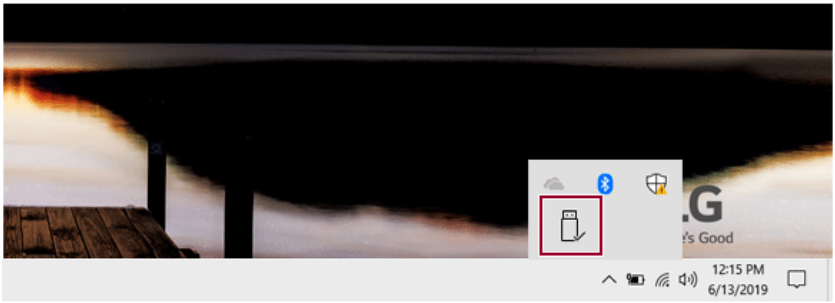
Push the card with your finger to make the card spring out of the slot. Remove the memory card.

TIP

To safely remove a memory 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.

ENGLISH

Using Software

LG Control Center

LG Control Center is a software that helps you change PC Settings, Power Settings, Windows Security Settings, etc. as well as check current system information.

TIP

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

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.

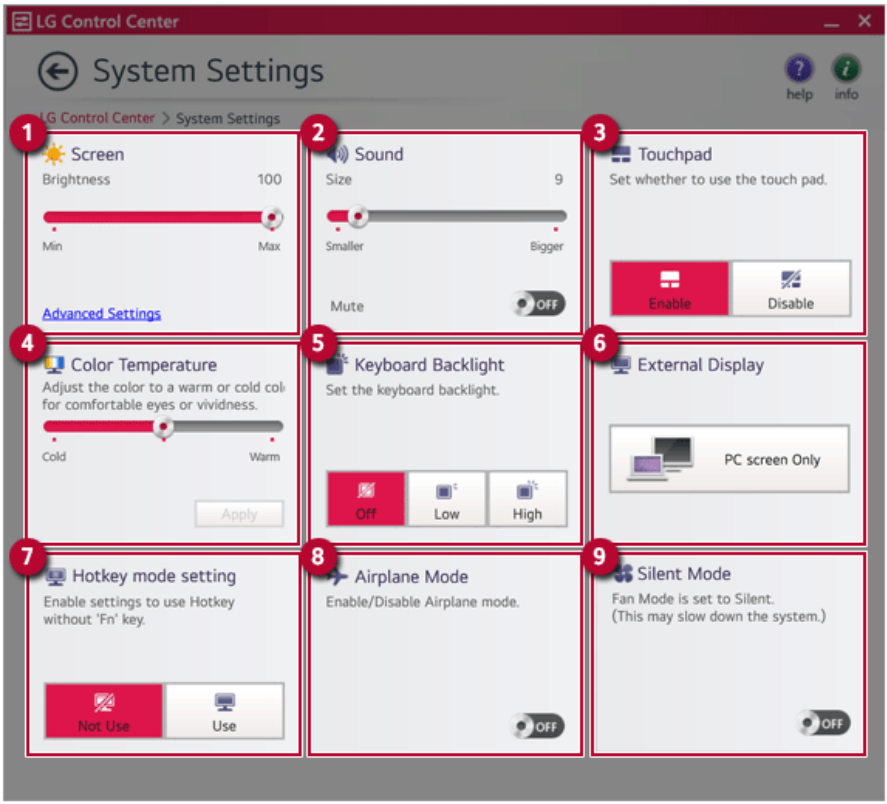
5 **Windows Security:** Sets User Account Control settings and Firewall settings.

6 **Instant Booting:** You can set the system to automatically boot whenever you open the notebook PC.

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

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.

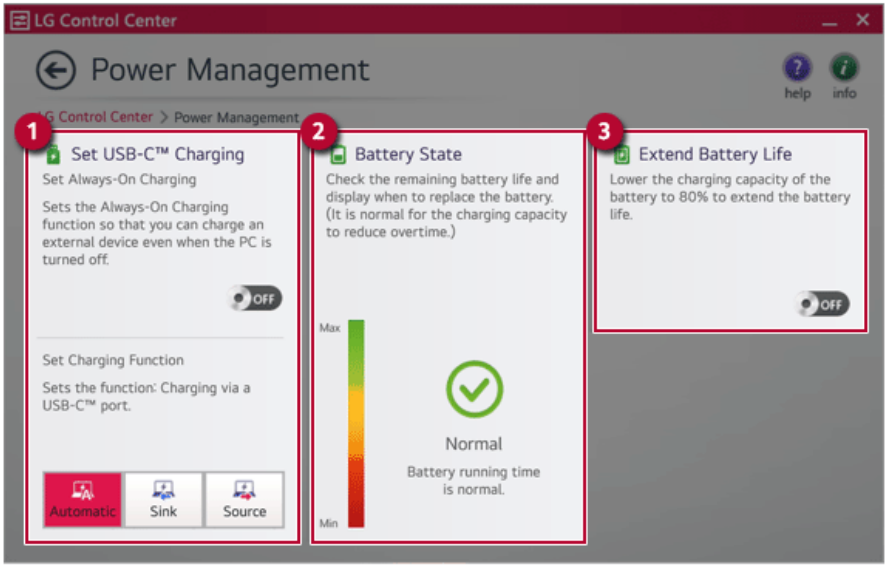
7 **Hotkey mode setting:** Allows you to set the hot keys so that you can use them without pressing the **Fn** key.

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

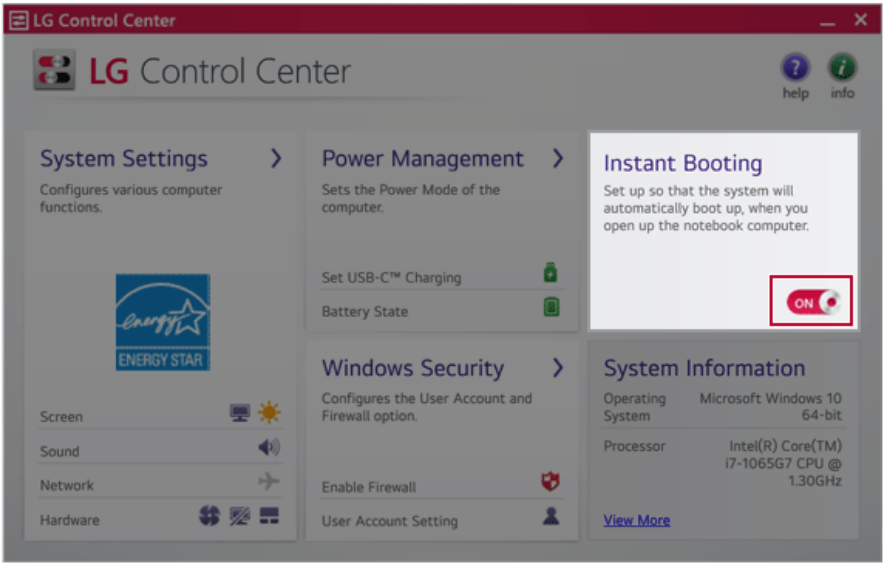
You can change the User Account Control and firewall settings in Windows.

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.)

Instant Booting

You can set the system to automatically boot whenever you open the notebook 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.

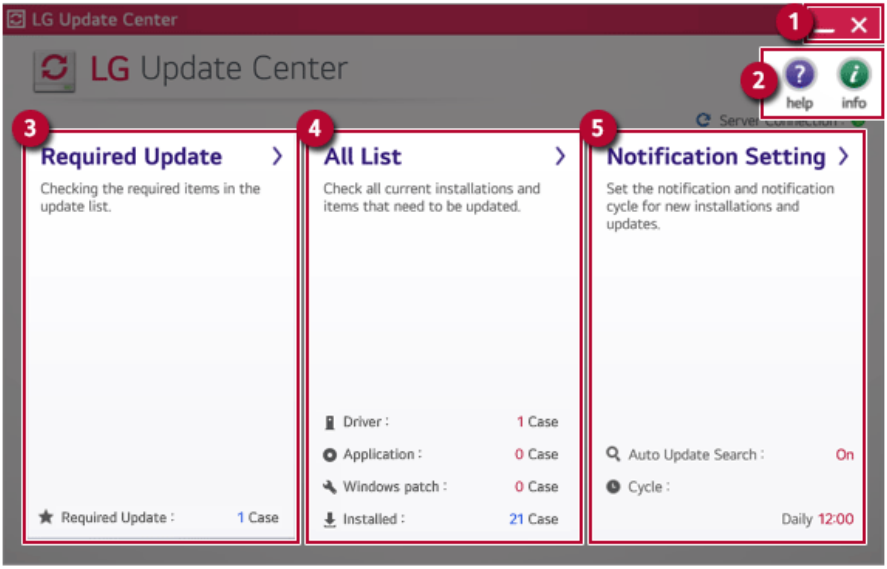
You can use the **LG Update Center** to quickly install the latest drivers, or reinstall any deleted drivers.

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.

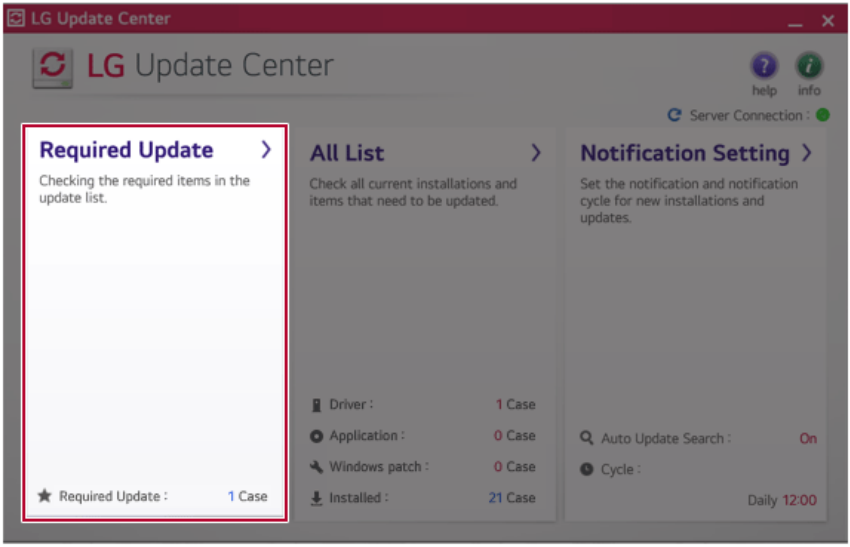
4 **All List:** Displays and installs all required items for the system.

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

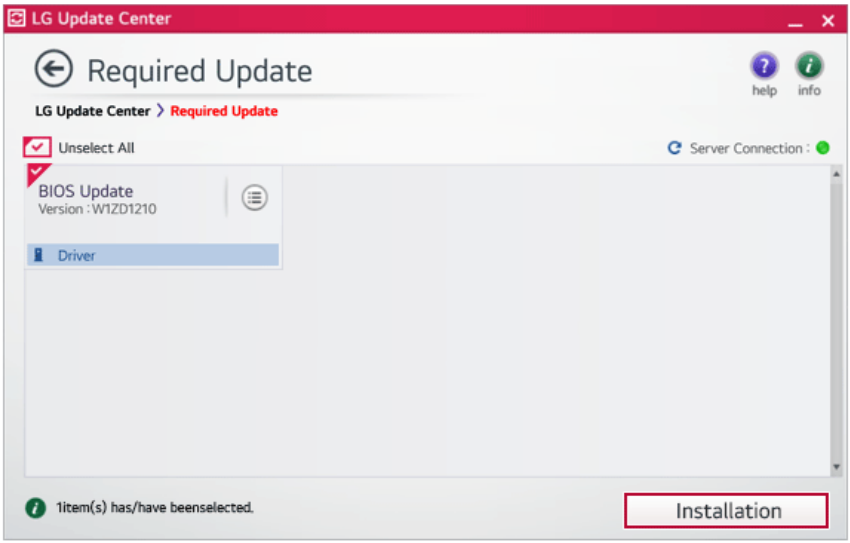
Required Update

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

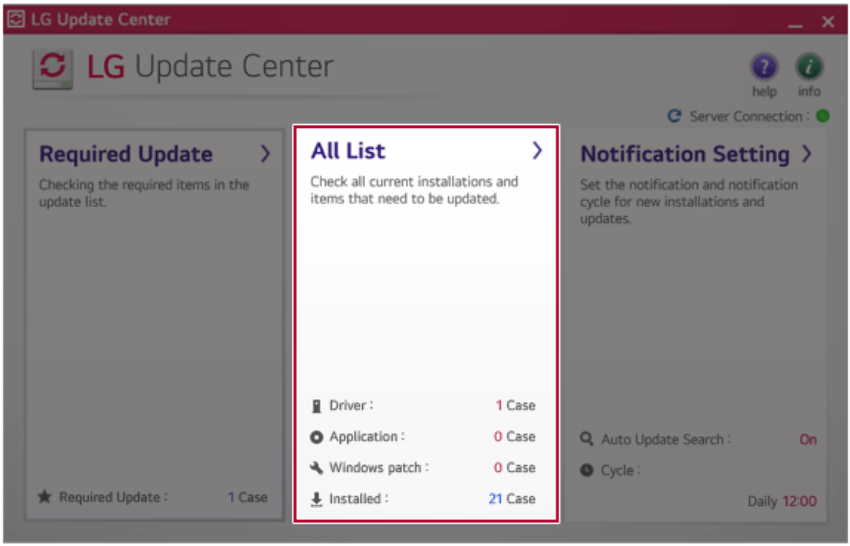
All items are selected by default.

All List

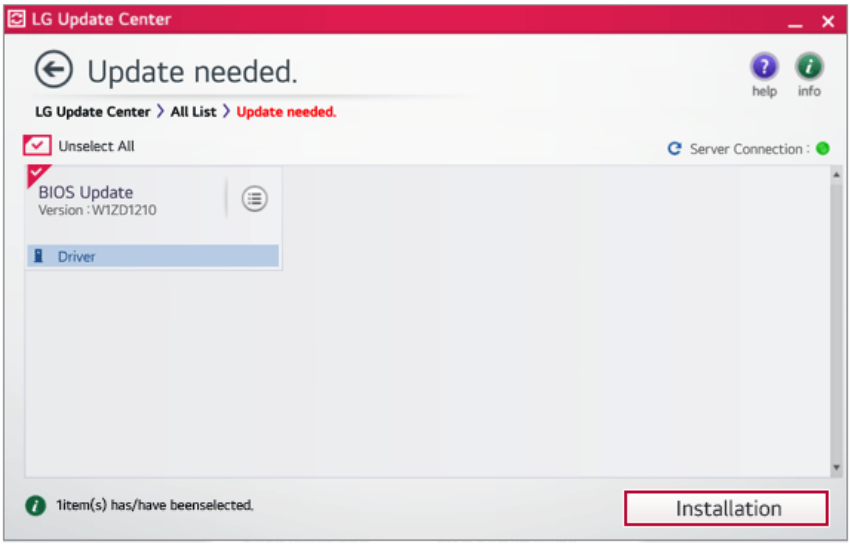
You can install all updates and drivers that can be installed in the system.

ENGLISH

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.

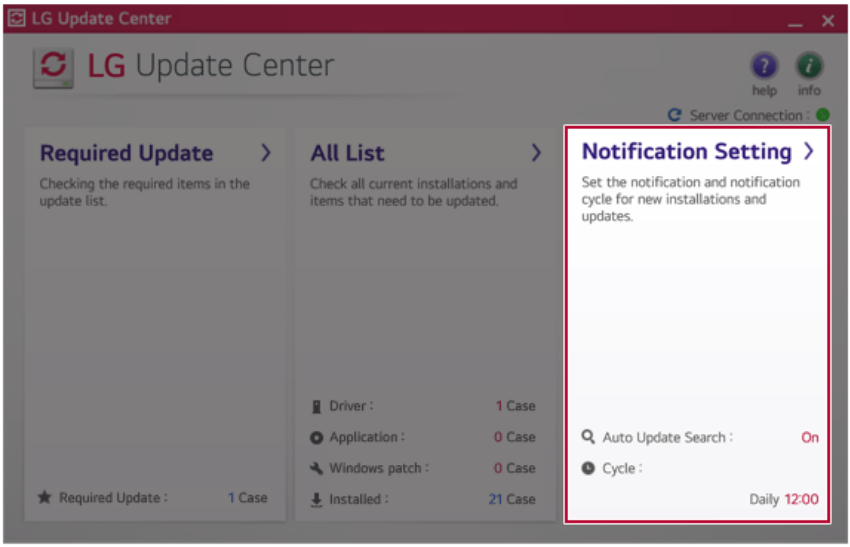
Notification Setting

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

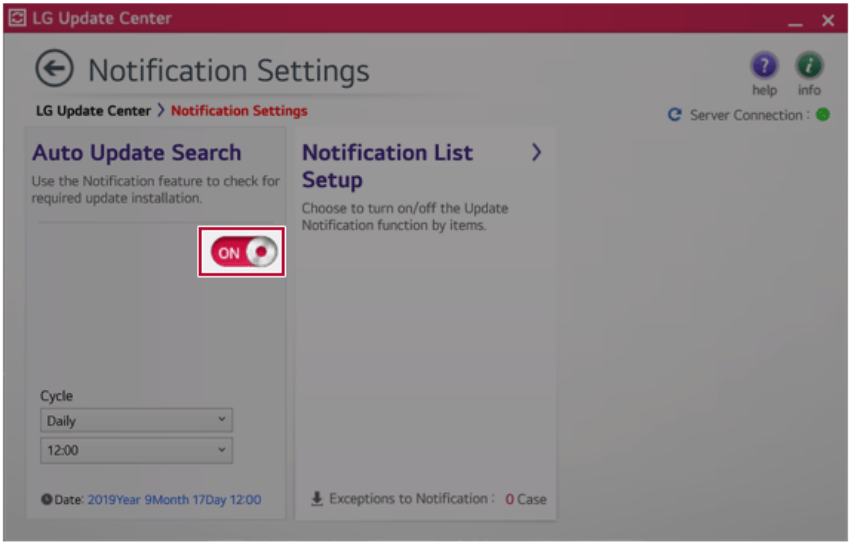
TIP

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

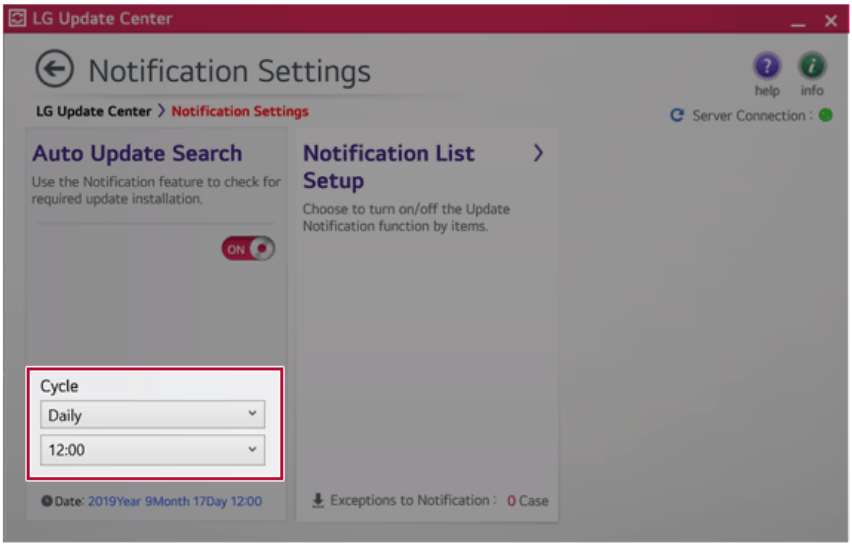
1 Select the [Notification Setting] menu.



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.

ENGLISH

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**.

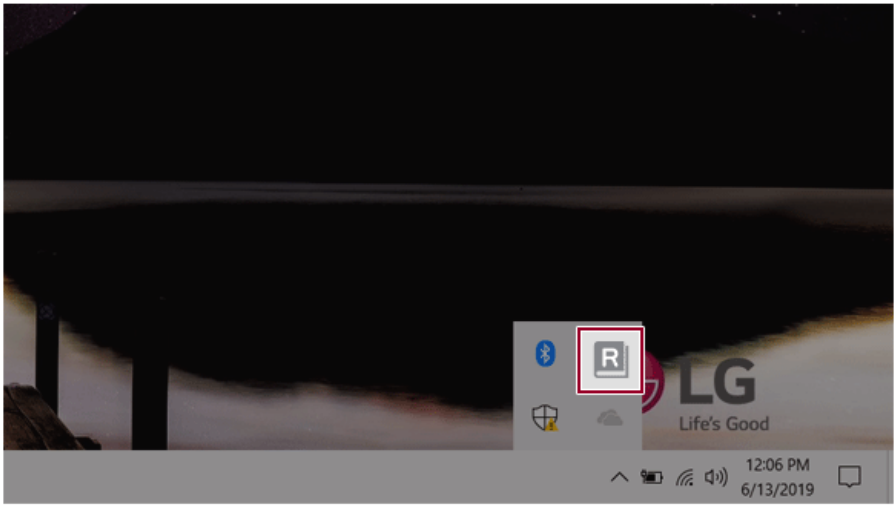
- Press the [ ] icon to the right of the taskbar to run the **Action Center** and press the **[Night light]** tile to turn on/off the **Night light**.

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**.

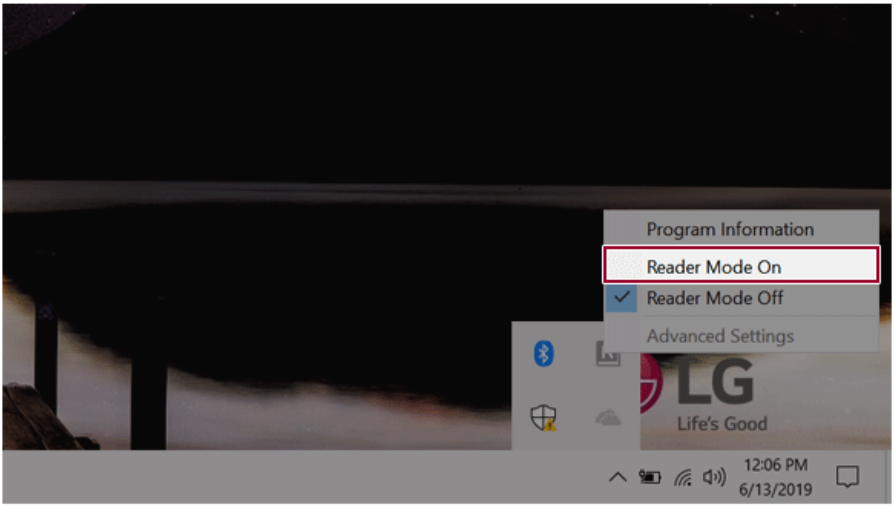
1 Press the [R] icon on the taskbar.



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

TIP

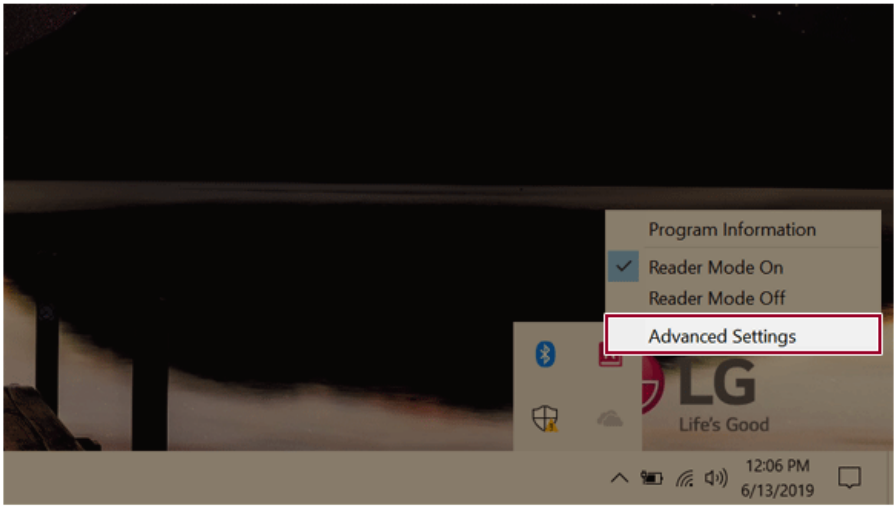
Select **[Reader Mode Off]** to turn off the **reader mode**.



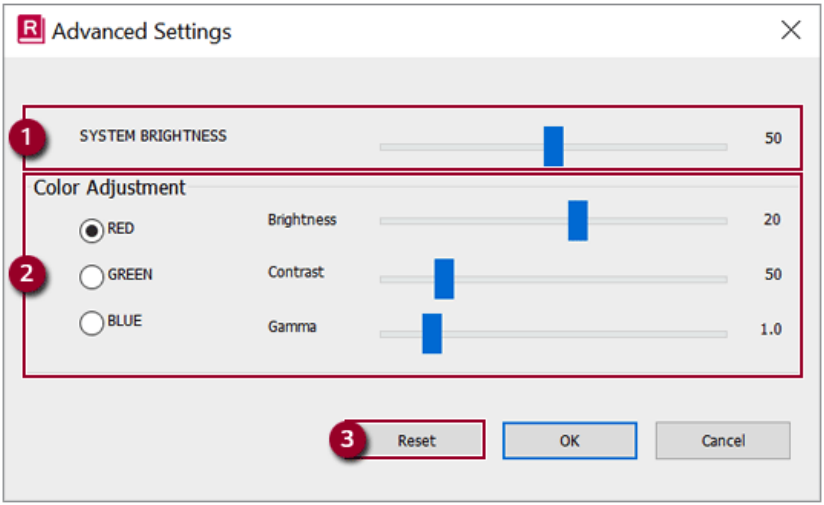
Using **Advanced Settings**

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

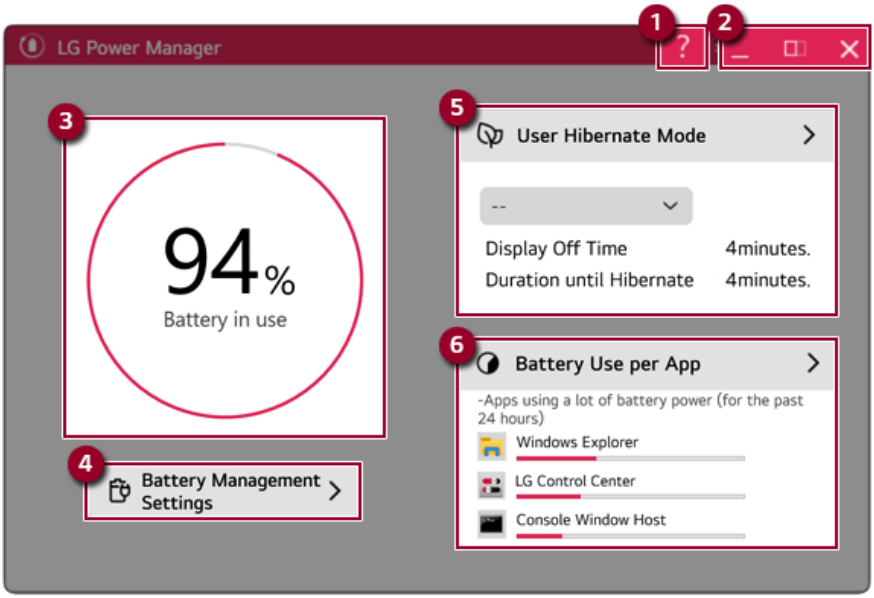
The figures herein are subject to change without prior notice.

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.

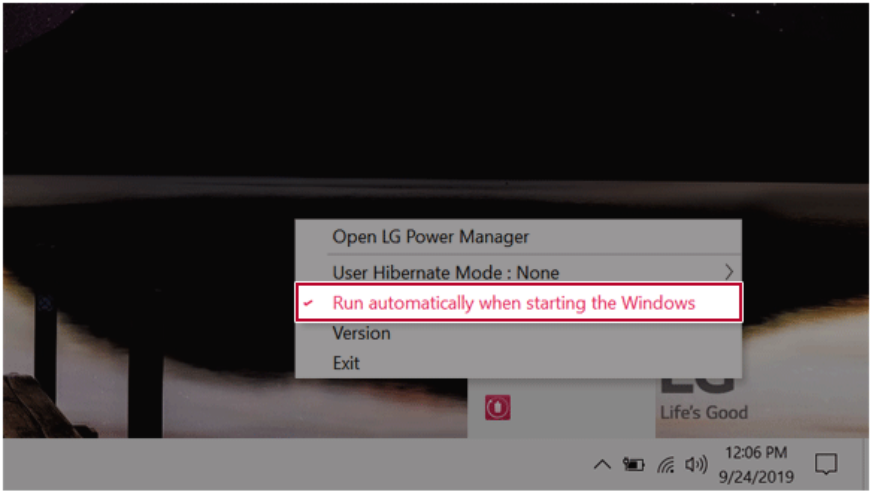
5 **User Hibernate Mode:** Allows you to create a user mode and configure the detailed settings such as Display Off Time and Duration until Hibernate.

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.



ENGLISH

Restoring the System

Restoring the System

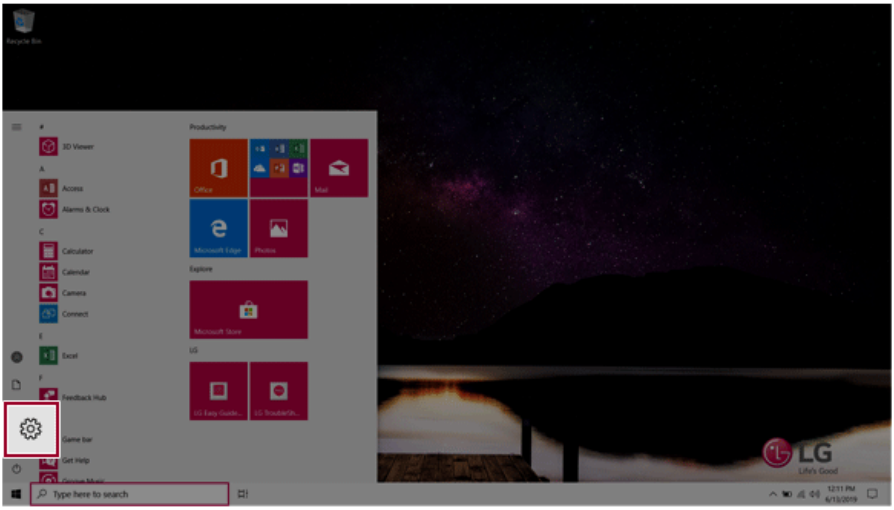
If the system has an error, you can use Windows 10's recovery function to recover or restore the system to its initial pre-purchase state.

CAUTION

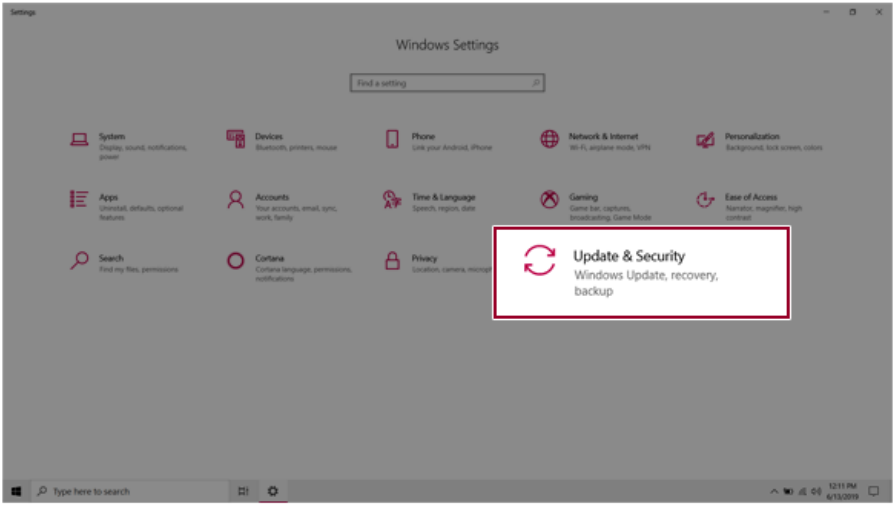
If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

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

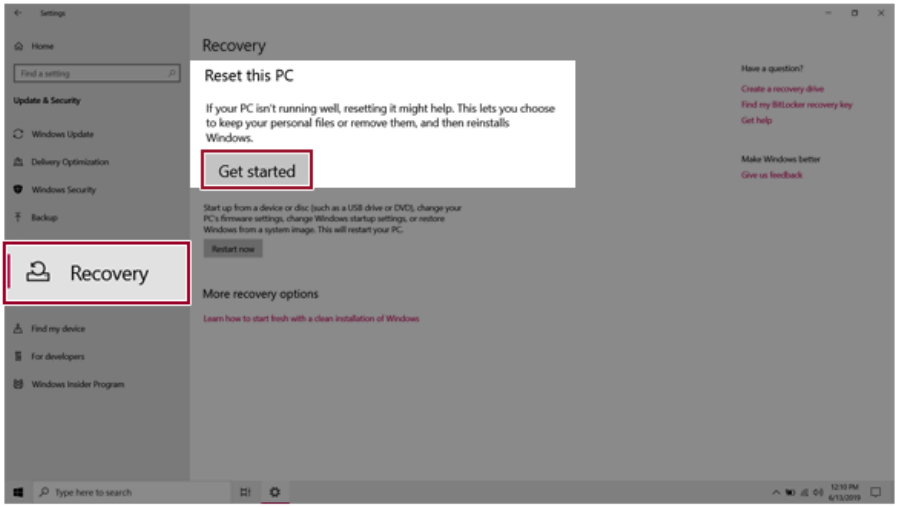
1 Click the [ ] button and select the [Settings] menu.



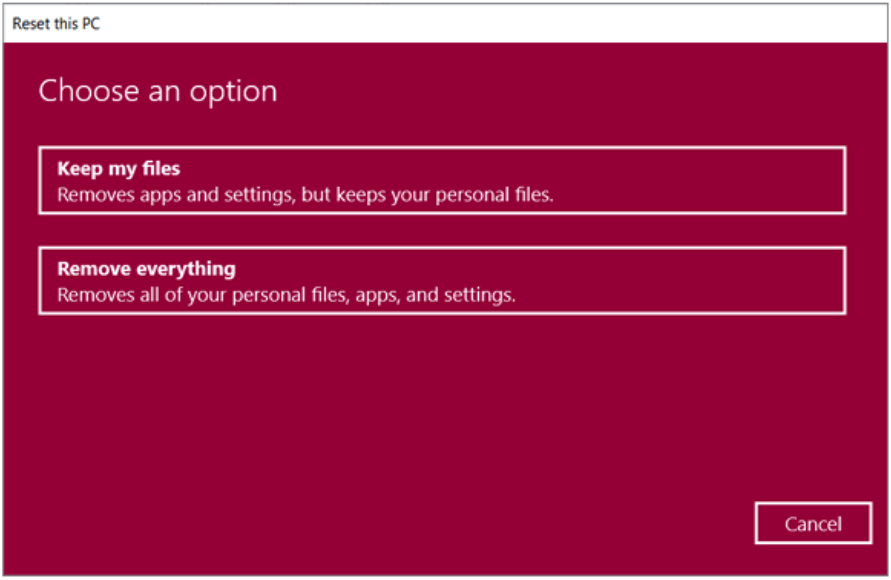
2 When the [Settings] screen appears, select [Update & Security].



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



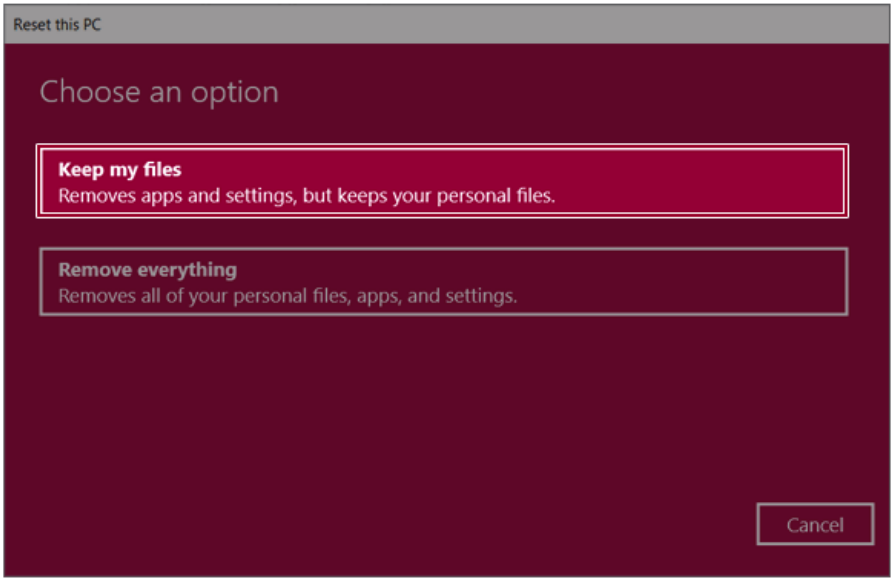
4 If the following option screen appears, select a desired option to proceed with recovery.



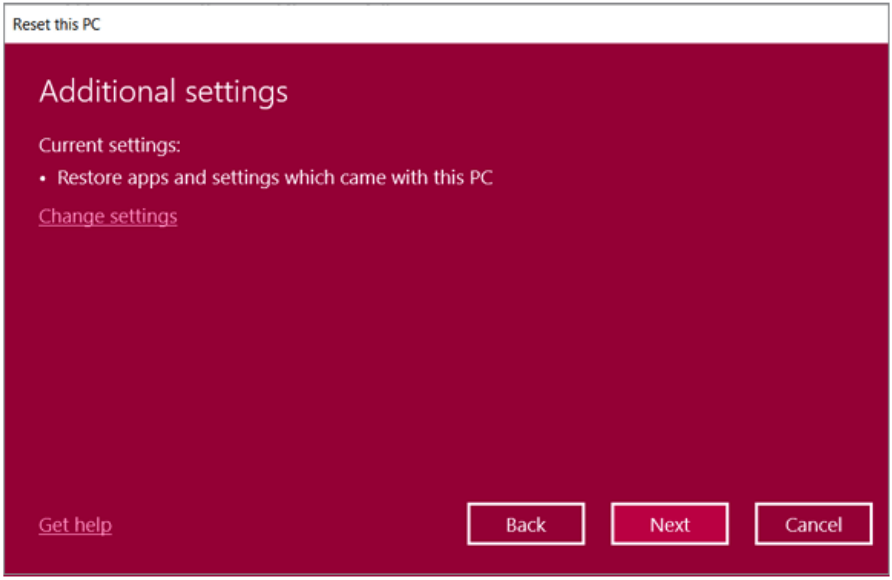
Keep My Files

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

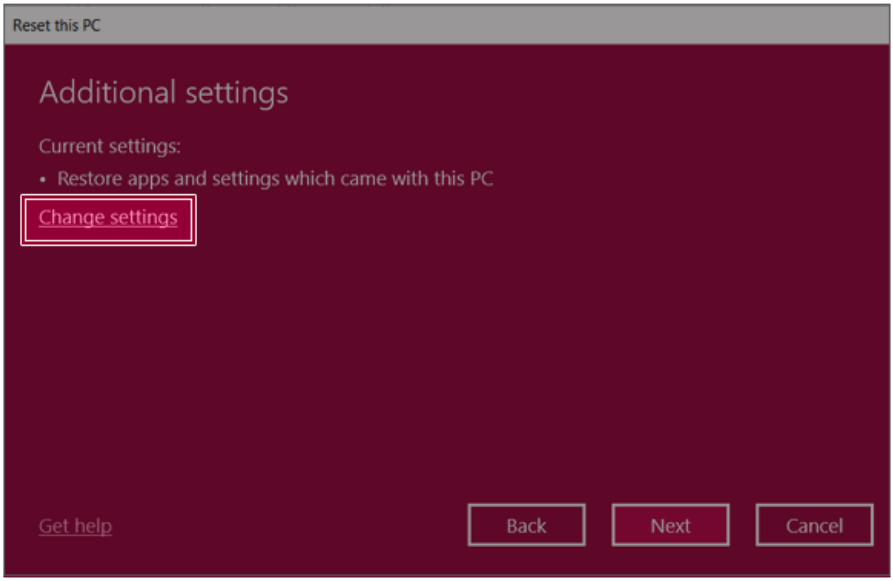
1 Select [Keep my files].

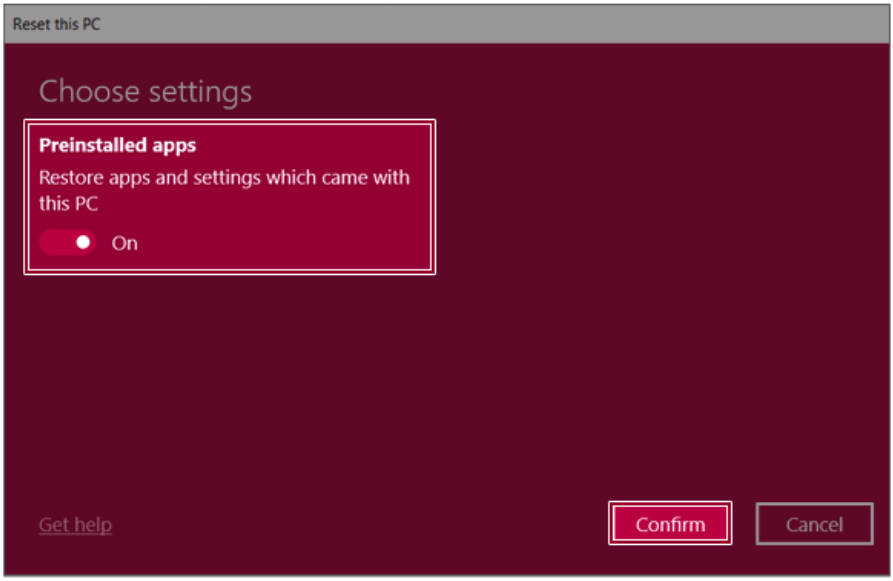


2 Check the **current settings**.

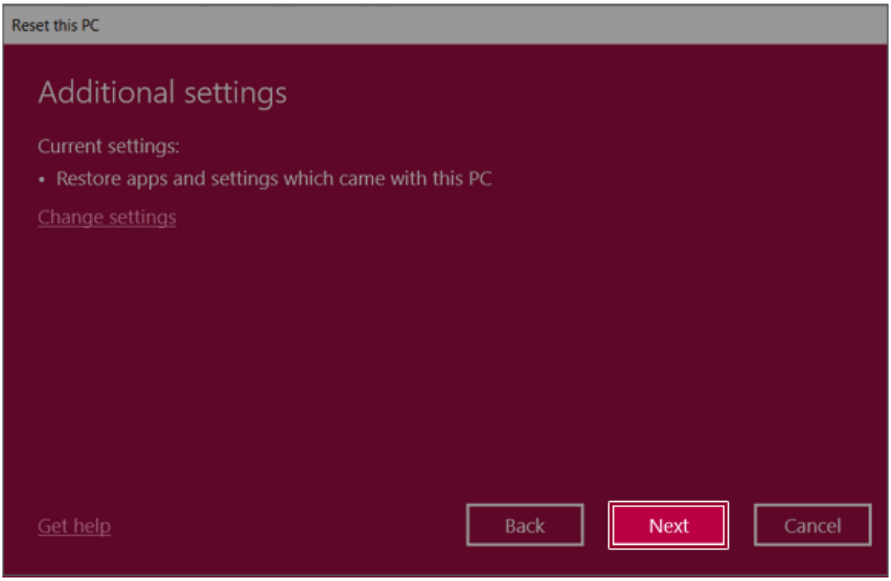


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





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



Remove everythings

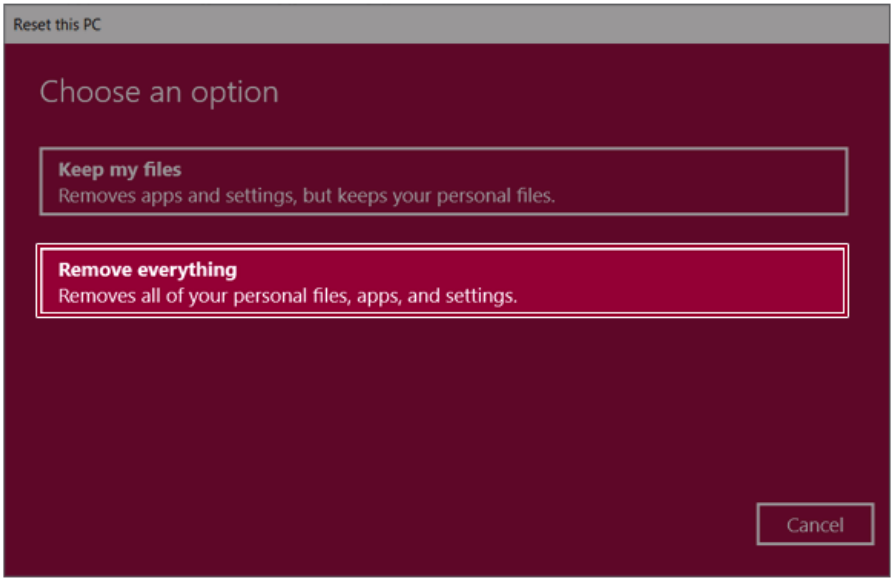
Removes all items from the system and restores the system to its initial pre-purchase state.

CAUTION

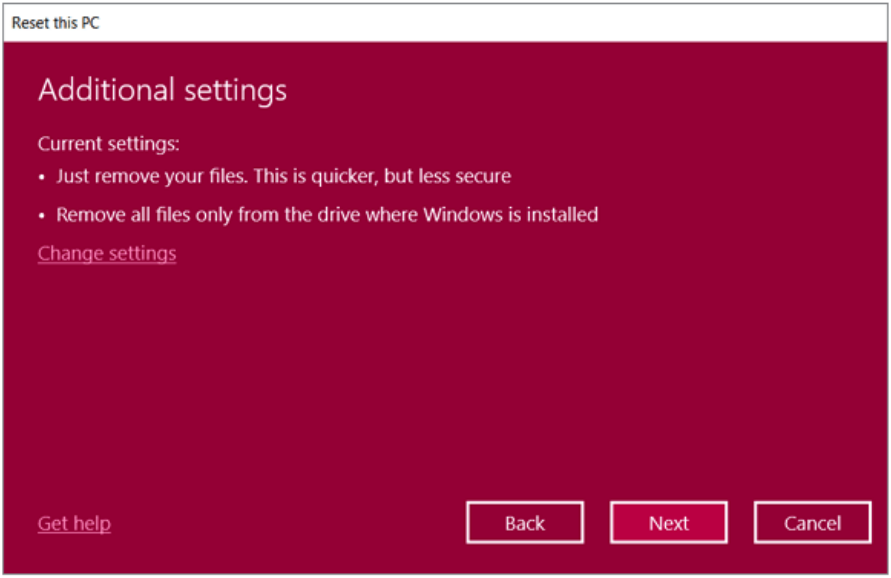
All data is lost during the initialization, so you must backup all critical data in advance.

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

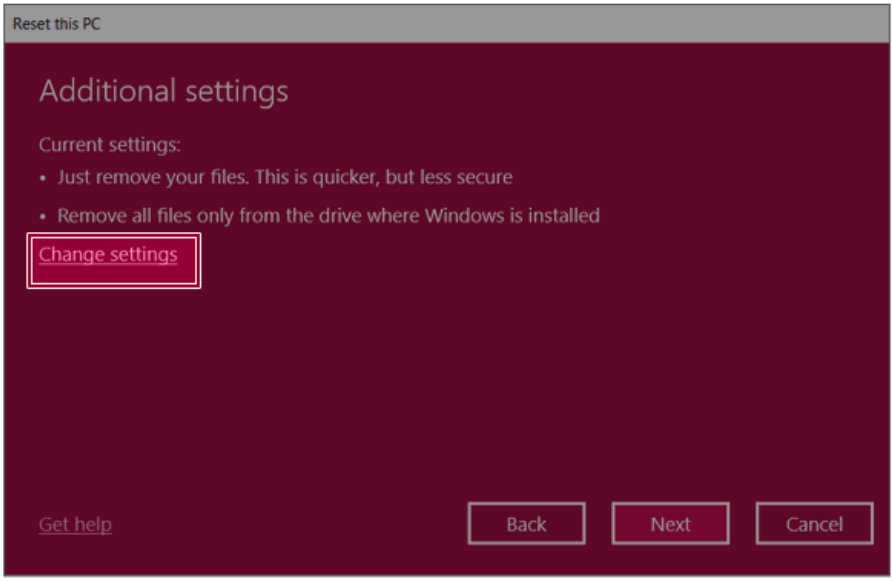
1 Select [Remove everything].

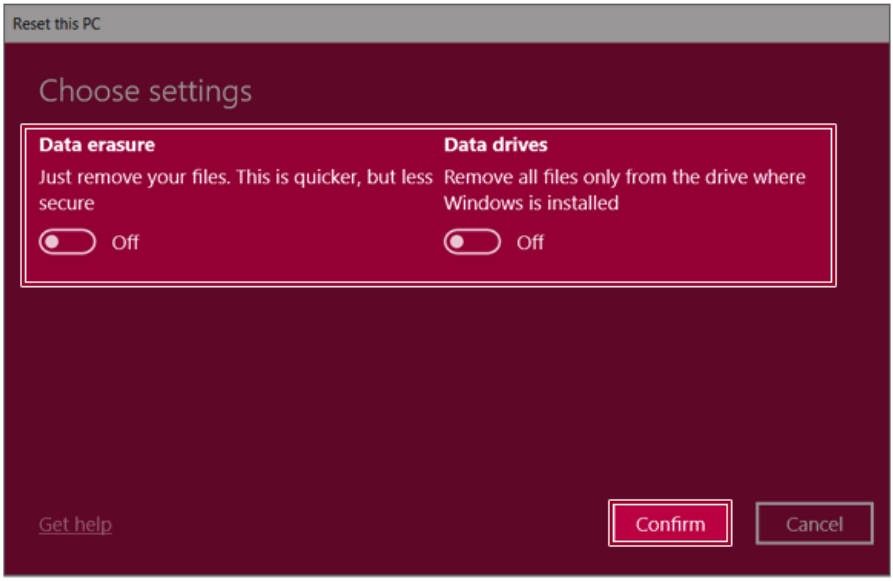


2 Check the **current settings**.

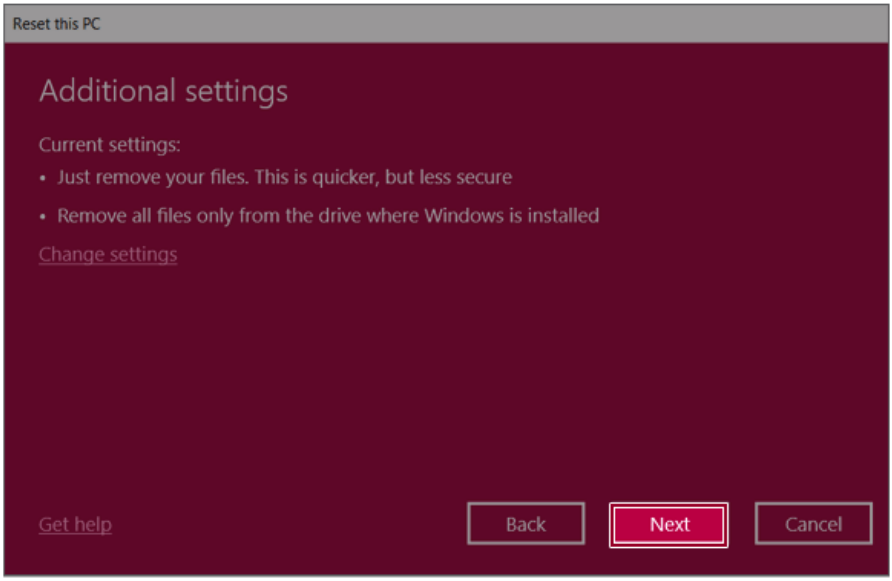


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





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



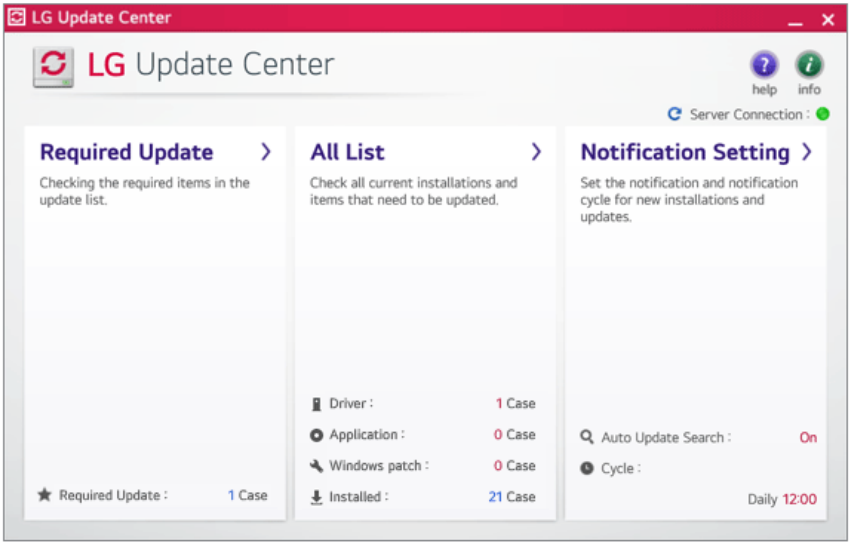
Setup and Upgrade

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.

- Refer to .
- Refer to .
- Refer to .

TIP

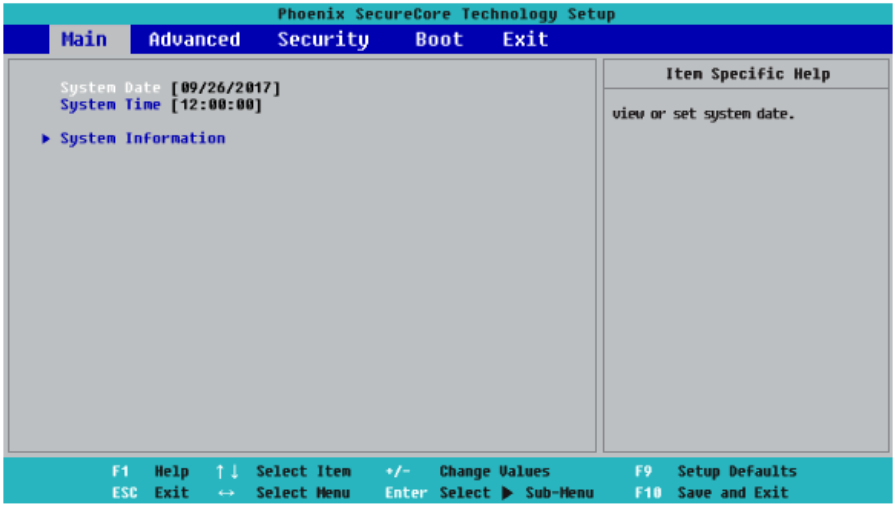
To use the system setup (F2), booting device selection (F10), you need to restart the system (click [Restart] in the system power menu) and then immediately press the corresponding function key due to the fast booting speed.

CAUTION

- Do not change the system setup unless necessary. Incorrect system setup may cause errors during system operation. Use caution when changing the system setup.
- For performance improvement, the system setup menu configuration and the initial setup status may be changed and may become different from images included in the user manual.

1 Reboot the system and press [F2].

2 In a few moments, the system setup screen appears.



Keys Used in System Setup

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.

ENGLISH

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

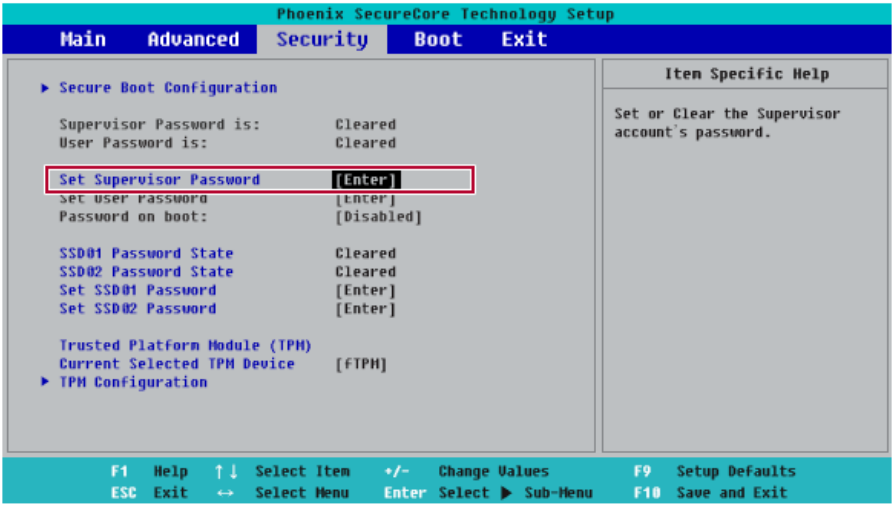
- Without the registered password, access to the system will be denied. Write down and keep the password in a safe place.

Set Supervisor Password

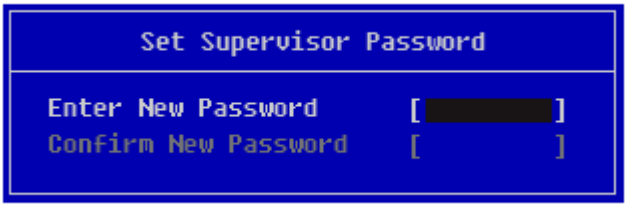
The password prevents unauthorized people from accessing the PC. By default, no password is set for the machine. If an unauthorized person changes the password in the System Setup, you will be unable to access the system.

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

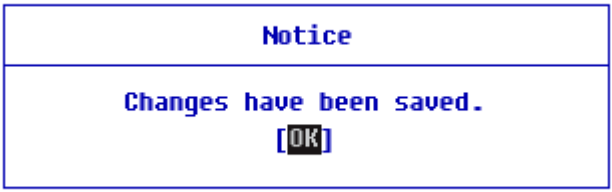
2 When the **Security** item appears, select **[Set Supervisor Password]** using the arrow keys, and then press the [Enter] key.



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.

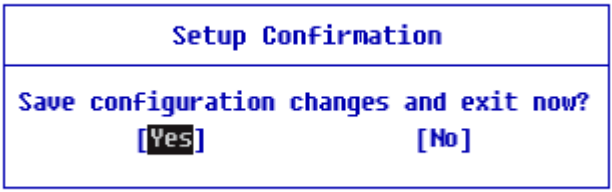


4 When the **Notice** screen appears, press the [Enter] key.



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.



ENGLISH

TIP

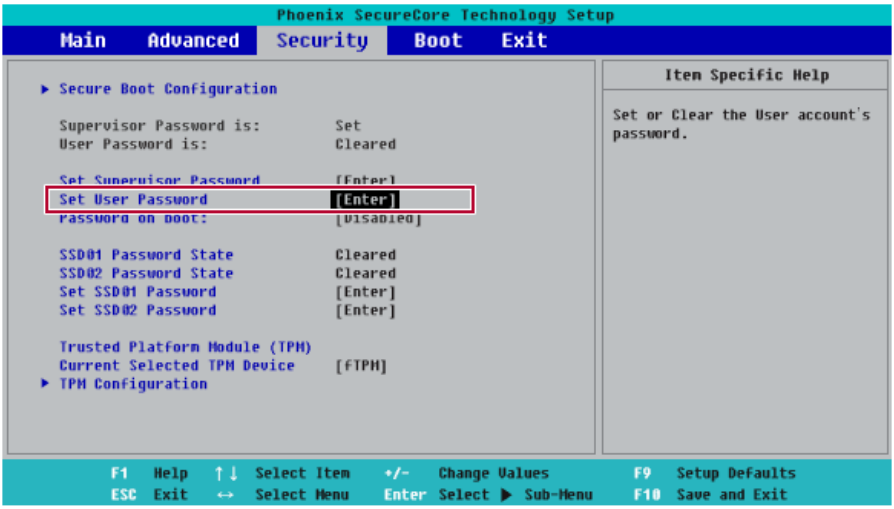
- With **Supervisor Password**, you are authorized to set all items in the System Setup and to set **Password on boot**. In case other people also use the PC, it is recommended to set the **Set User Password**.

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.

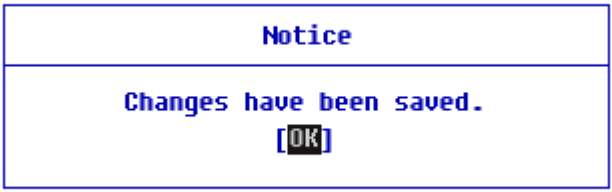
1 After opening the system setup screen, use the arrow keys to move to **[Security]**.

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



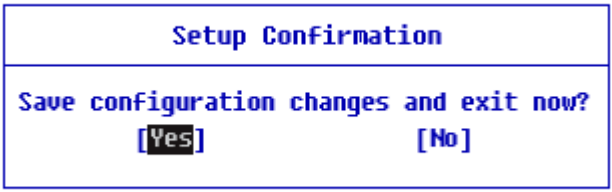
3 When the **Set User Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 8 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.

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.



ENGLISH

TIP

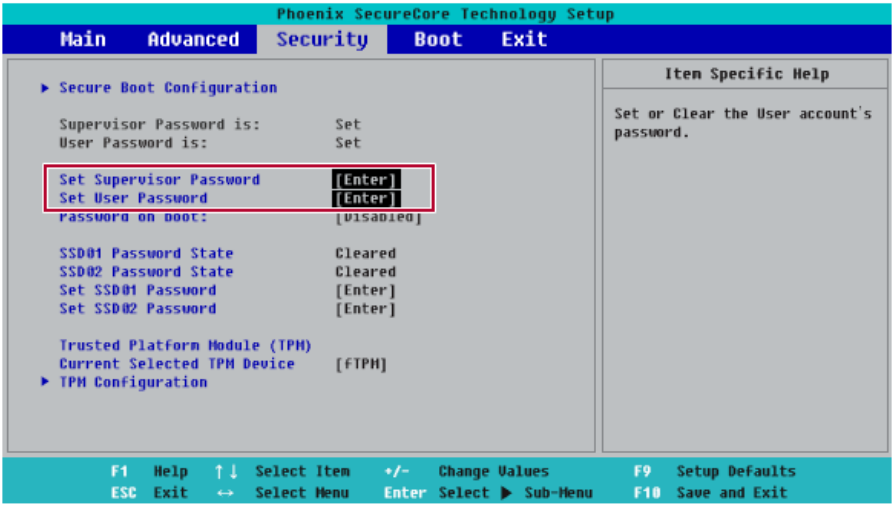
- **[User Password]** allows limited access to the items in the System Setup compared to the **[Supervisor Password]** item.

Password on boot

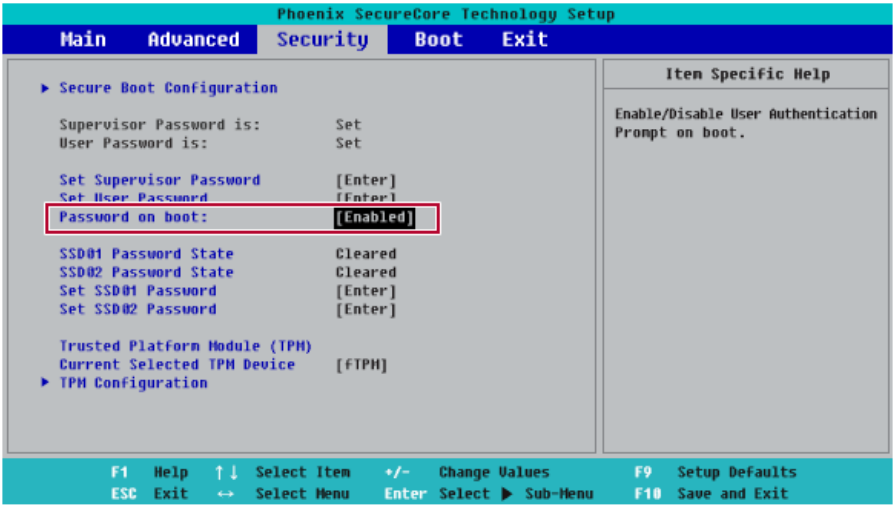
Password on boot protects the system by requesting **[Set Supervisor Password]** or **[Set User Password]** during boot up.

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 **[Enable]** 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.

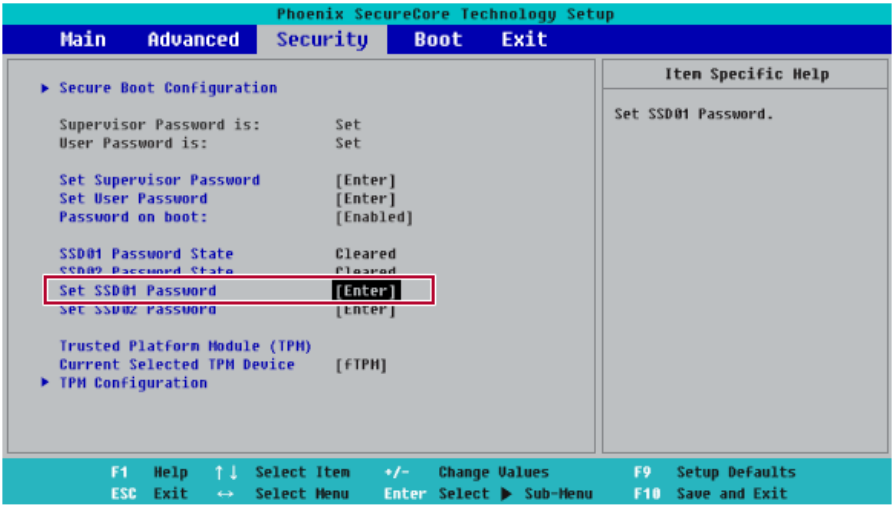
For a model equipped with two **SSD** or **NVMe** devices, the menu name may be displayed as **SSD01, SSD02, NVMe1, NVMe2**, etc.

SSD Or, for a model equipped with two **NVMe** devices, you can set a password for each device. If both passwords are set, the password input window appears twice during the booting process.

The password input windows appear according to the **[Boot Priority order]** in the **[Boot]** menu.

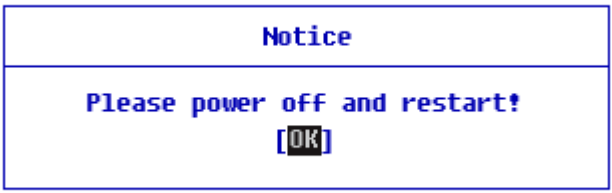
1 After opening the system setup screen, use the arrow keys to move to **[Security]**.

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



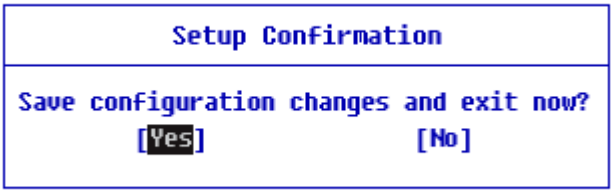
3 When the **Set SSD01 Password** setting screen appears, enter the password and press the [Enter] key. The password should not exceed 8 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.

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.

ENGLISH

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

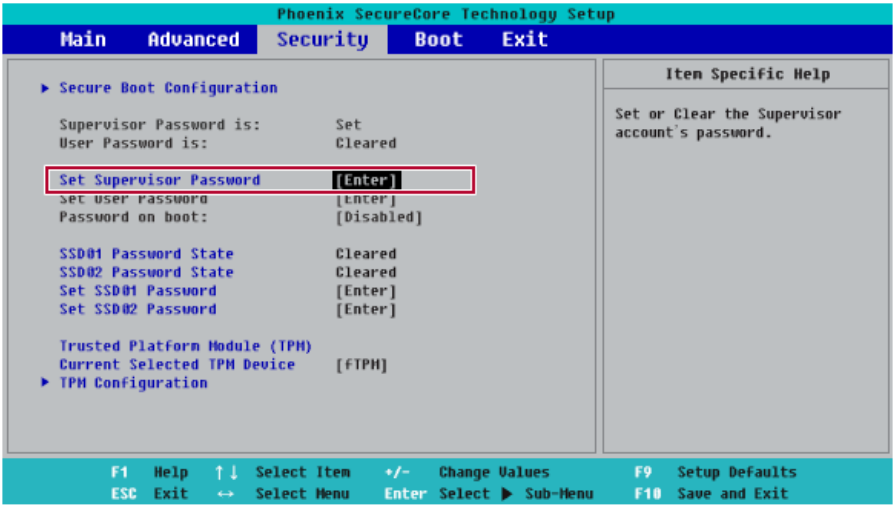
1 Execute System Setup, enter the password, and click [Enter].

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

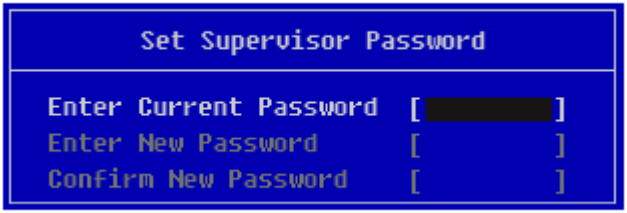
Deleting the Password

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

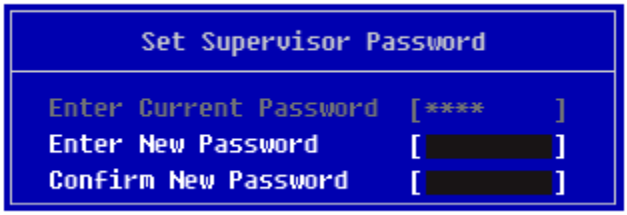
2 After moving **[Security]** by using the arrow keys from the setup start screen, click **[Set Supervisor Password]** and press [Enter].



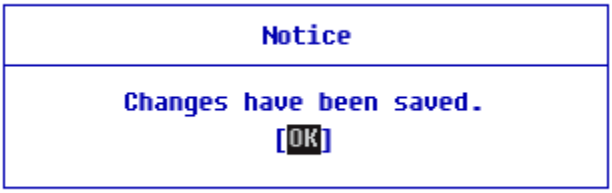
3 When the **Set Supervisor Password** setting screen appears, enter the current password in **[Enter Current Password]**.



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

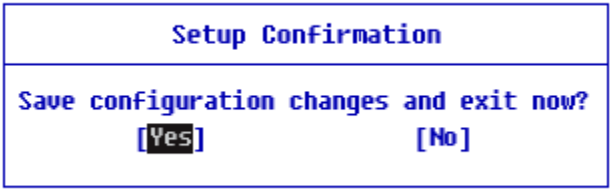


5 When the **Notice** screen appears, press the [Enter] key.



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 / Set NVMe Password)**

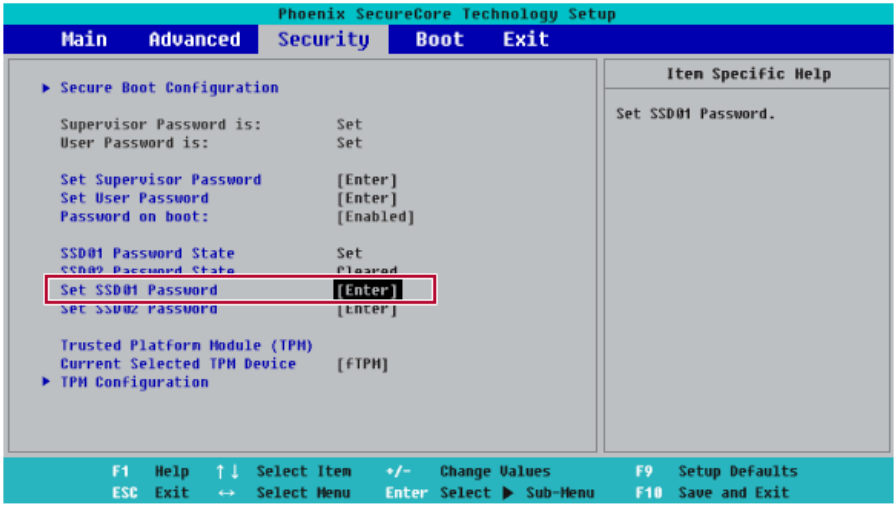
1 Execute System Setup, enter the password, and press [Enter].

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

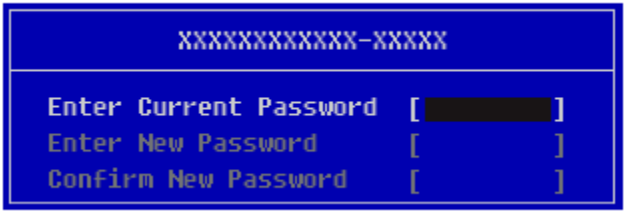
TIP

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

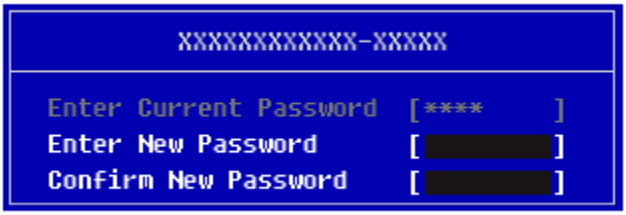
For a model equipped with two **SSD, NVMe** devices, the menu name may be displayed as **SSD01, SSD02, NVMe1, NVMe2**, etc.



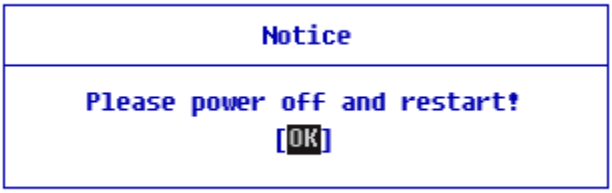
3 When the **Set SSD01 Password** setting screen appears, enter the current password in **[Enter Current Password]**.



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

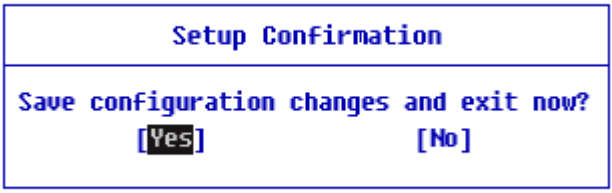


5 When the **Notice** screen appears, press the [Enter] key.



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.



ENGLISH

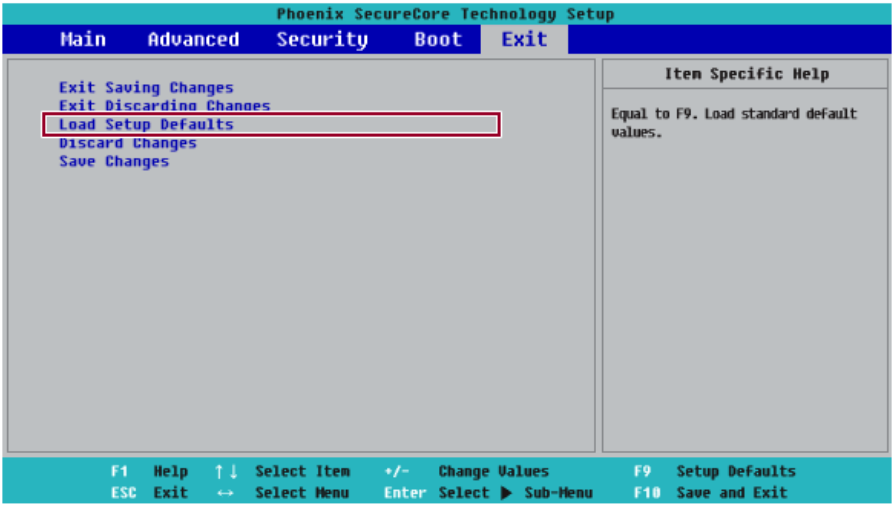
Restoring the Factory Default Settings

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

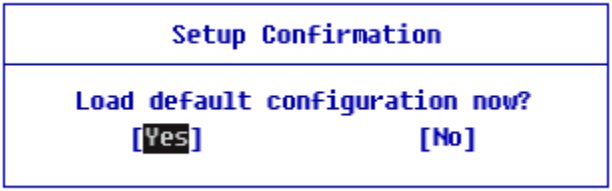
The model in the example can differ from actual models and is subject to change for performance improvements, without prior notice.

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].

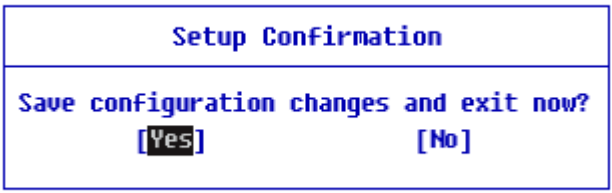


3 When the following message appears, select **[Yes]** and press [Enter]. The settings will be reset to the factory default.



4 To save the changes in system setup, press [F10].

5 When the following message appears, select **[Yes]** and press [Enter]. 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

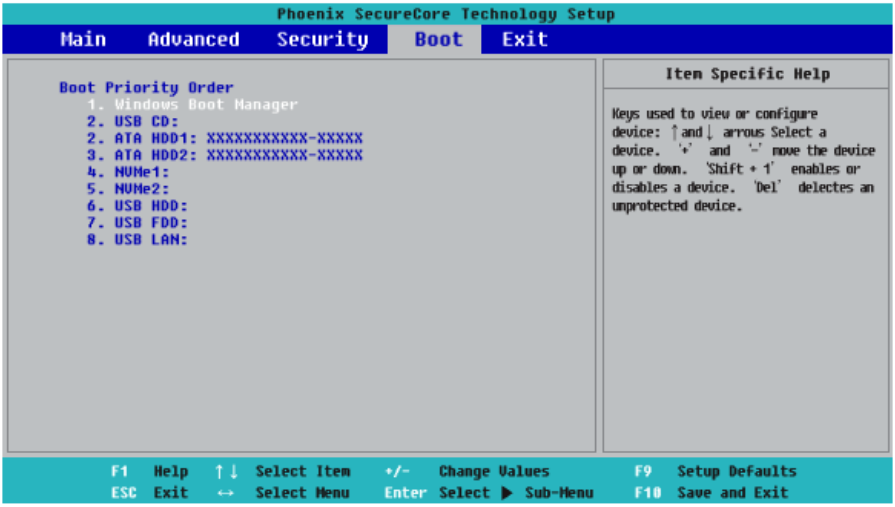
To use the system setup (F2), booting device selection (F10), you need to restart the system (click **[Restart]** in the system power menu) and then immediately press the corresponding function key due to the fast booting speed.

Changing the Boot Order

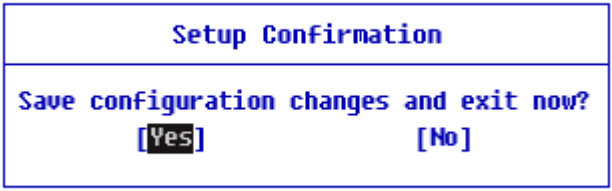
1 Reboot the system and press [F2].

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 When you press [F10] and the following screen appears, select **[Yes]** and press [Enter].



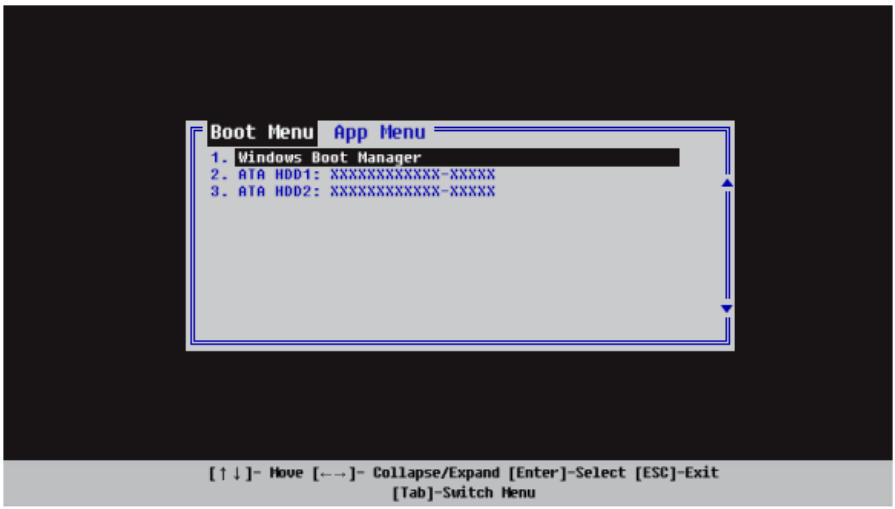
5 The changes are saved and the system reboots.

ENGLISH

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.

ENGLISH

Windows 10 Auto Scaling

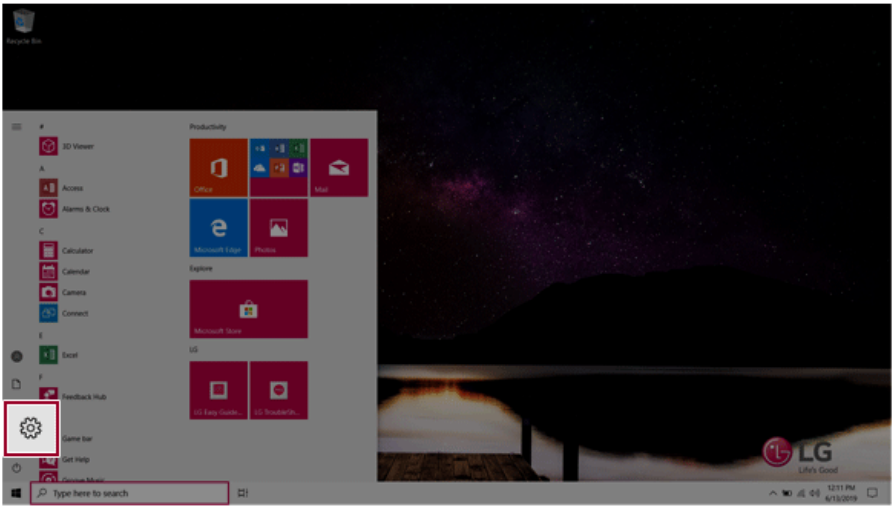
The Windows 10 **Auto Scaling** feature for user's convenience may partially blur the screen or display some icons and texts larger.

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

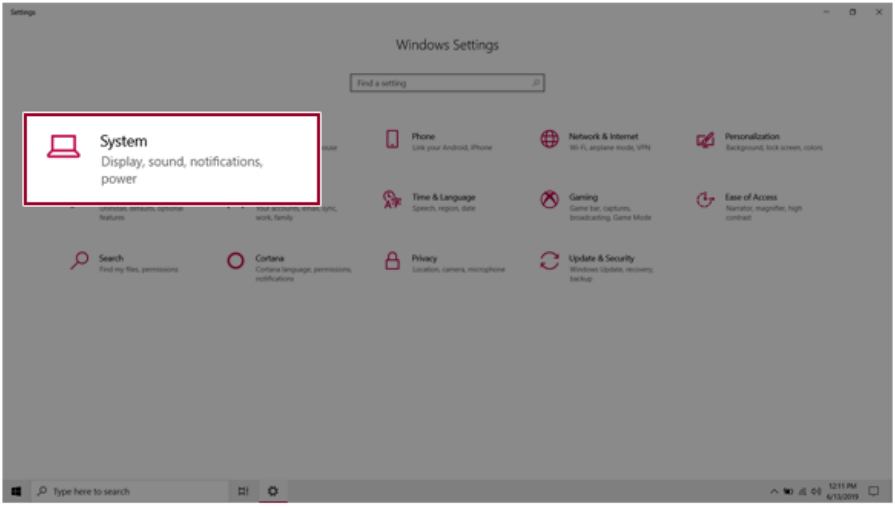
1 Press the [ ] button and select the **[Settings]** menu.

TIP

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

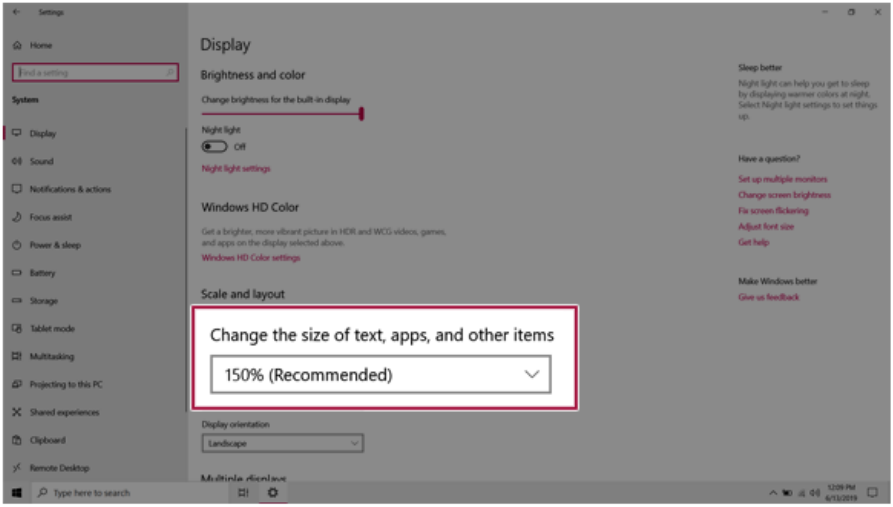


2 Select **[System]** > **[Display]**.



ENGLISH

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



TIP

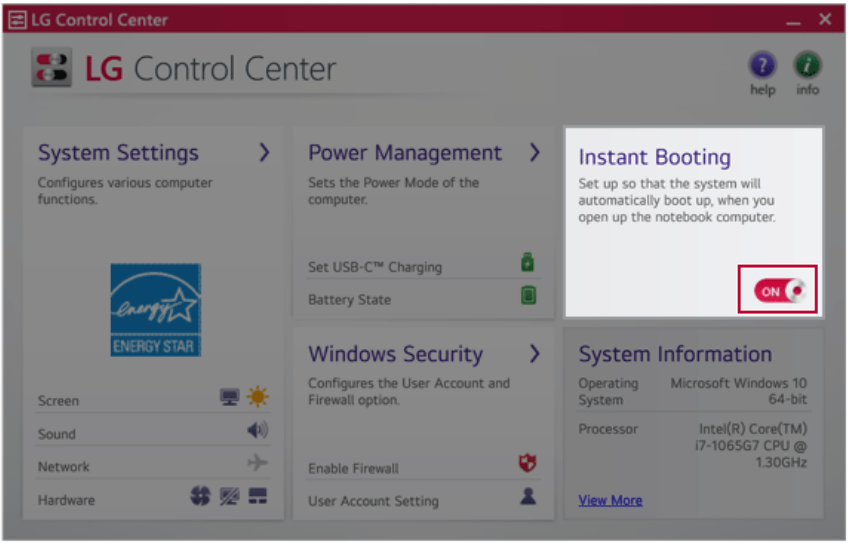
After auto scaling, you may need to restart some apps to apply the new scale and layout.

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 **LG Control Center** screen, change the **[Instant Booting]** setting to **[ON]**.



3 Shutdown the system and close the notebook PC cover.

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

ENGLISH

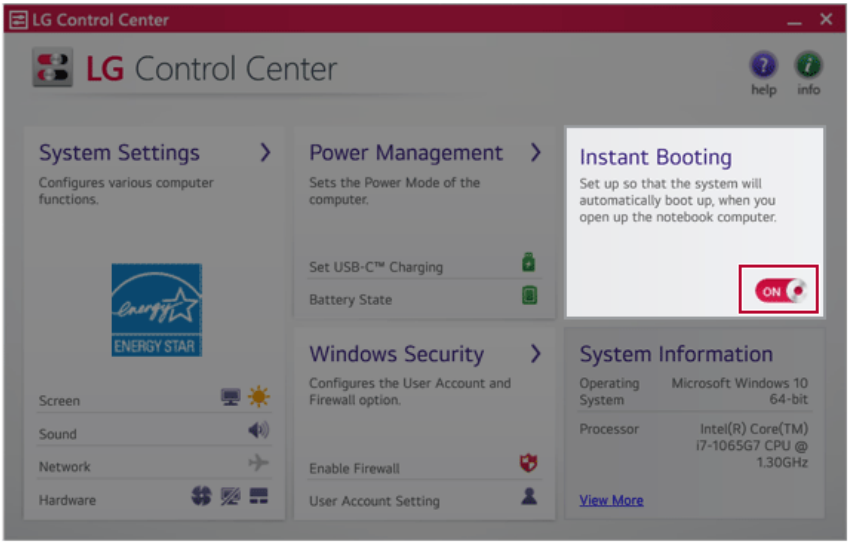
FAQ

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]**.

2 On **LG Control Center** screen, change the **[Instant Booting]** setting to **[ON]**.



3 Shutdown the system and close the notebook PC cover.

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

Windows 10 Auto Scaling

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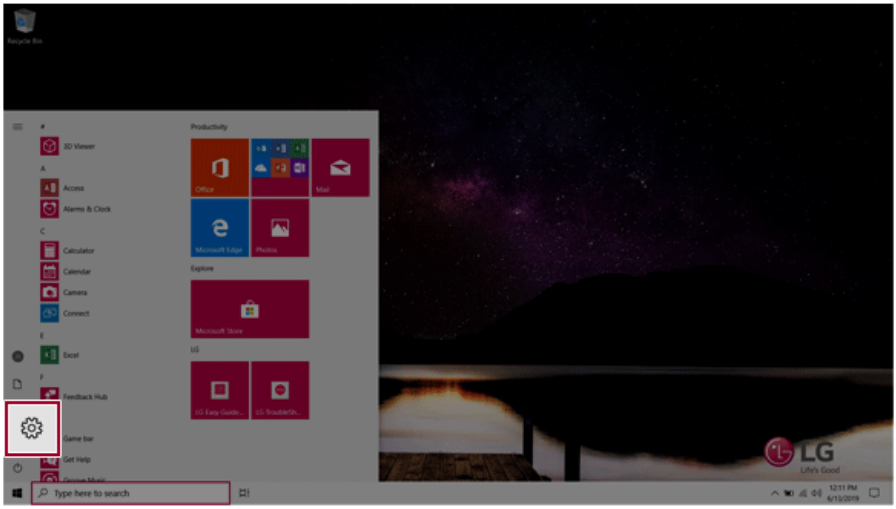
Refer to the following information to change the DPI scaling to suit your needs.

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

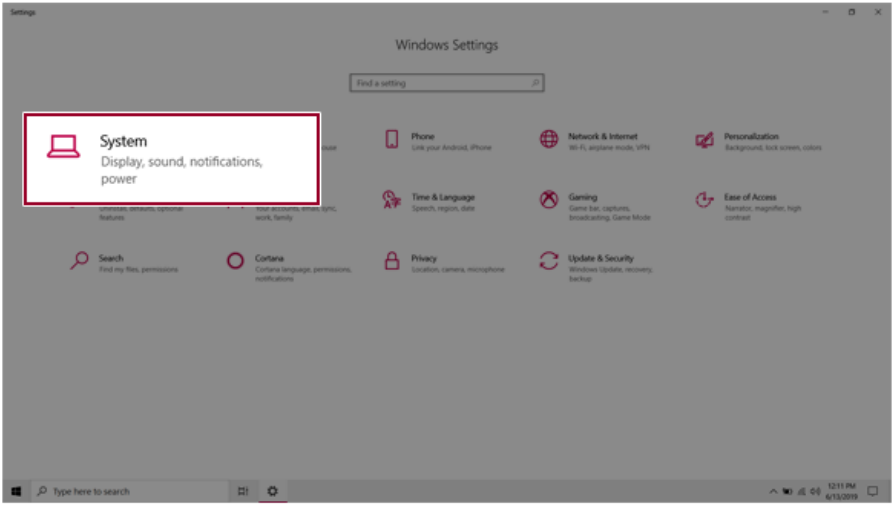
TIP

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

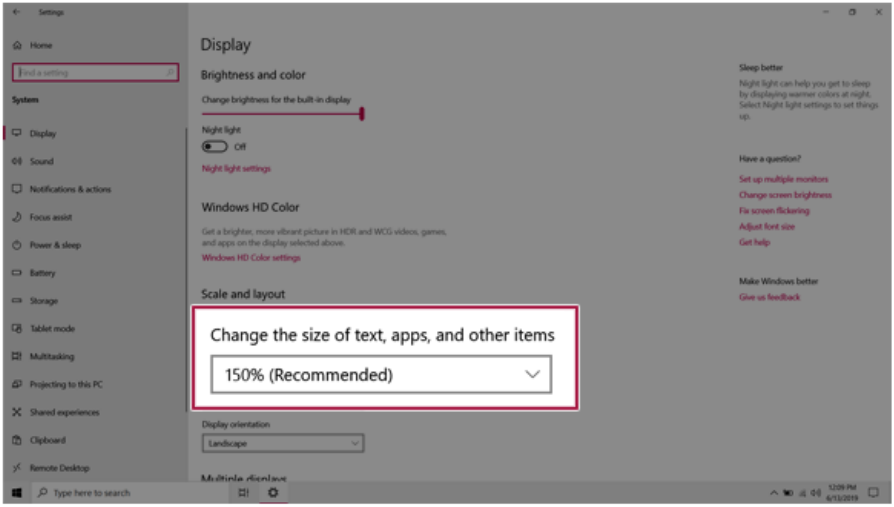


ENGLISH

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.

ENGLISH

Restoring the System

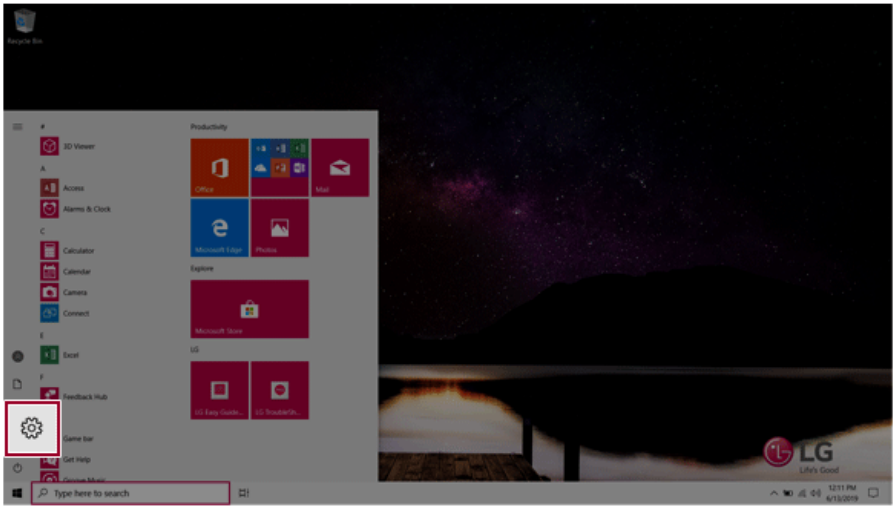
If the system has an error, you can use Windows 10's recovery function to recover or restore the system to its initial pre-purchase state.

CAUTION

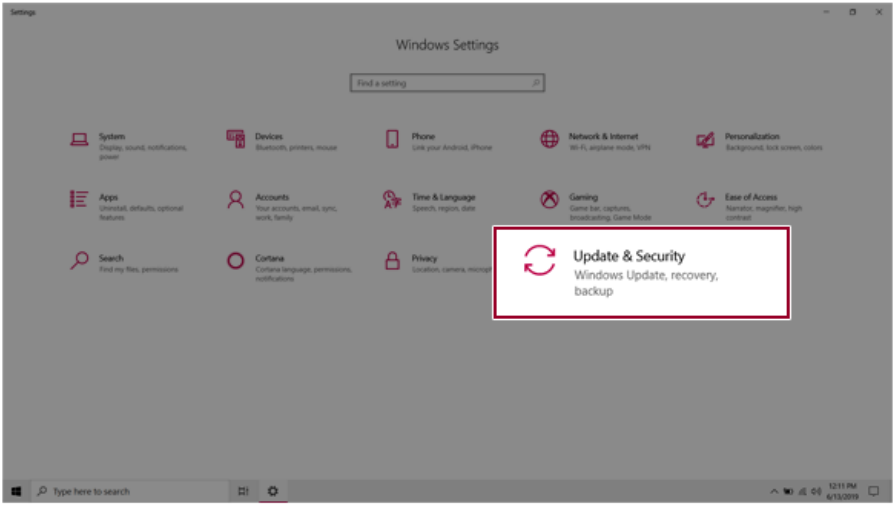
If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

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

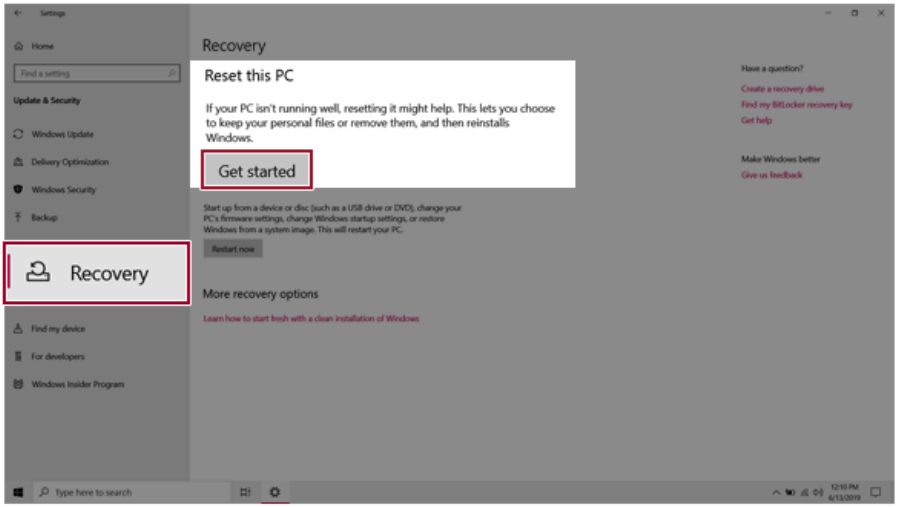
1 Click the [ ] button and select the [Settings] menu.



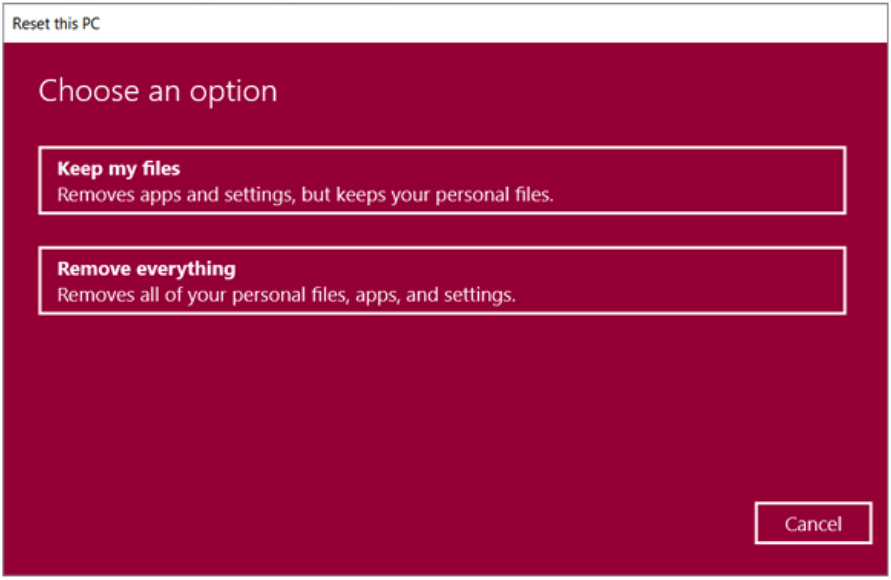
2 When the [Settings] screen appears, select [Update & Security].



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



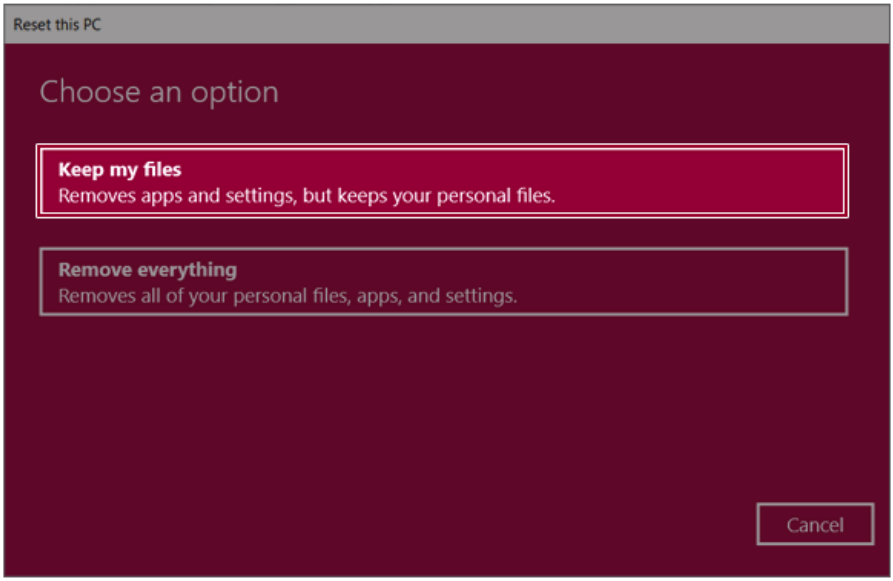
4 If the following option screen appears, select a desired option to proceed with recovery.



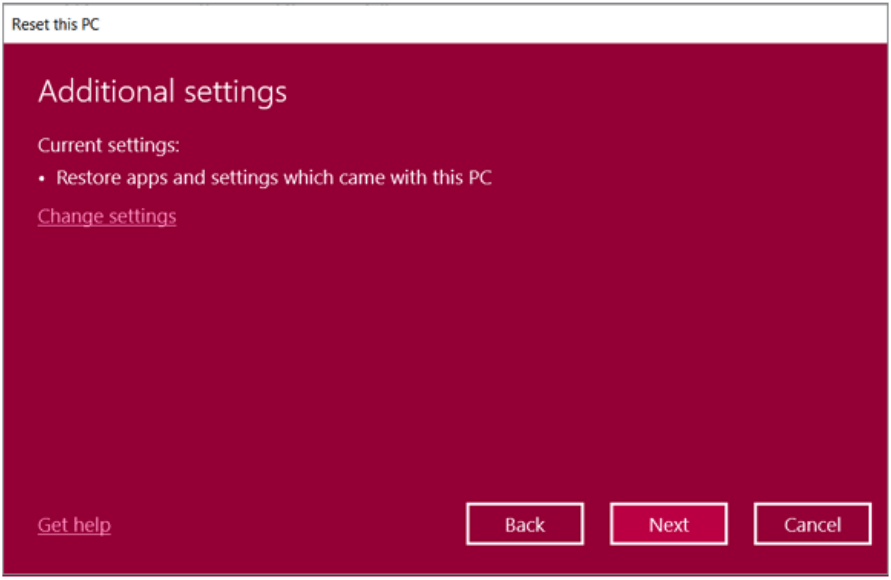
Keep My Files

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

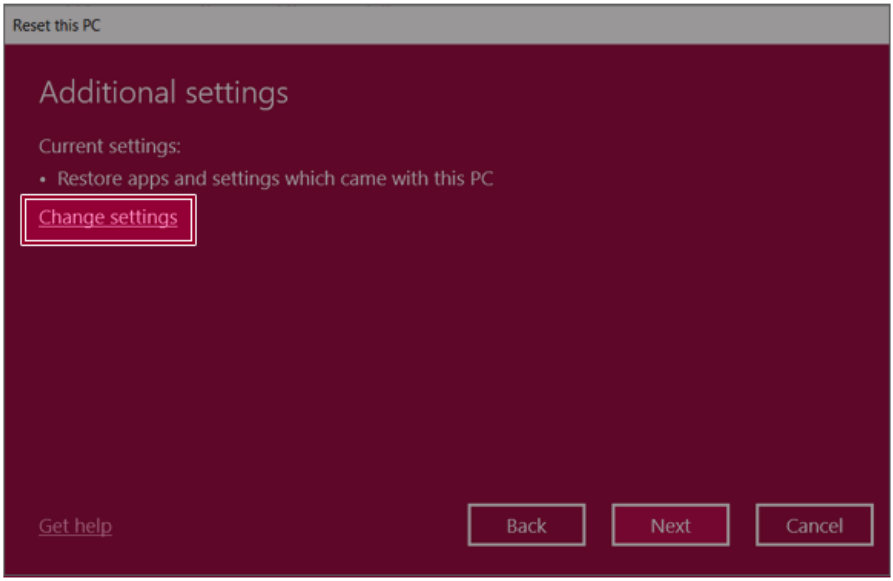
1 Select [Keep my files].

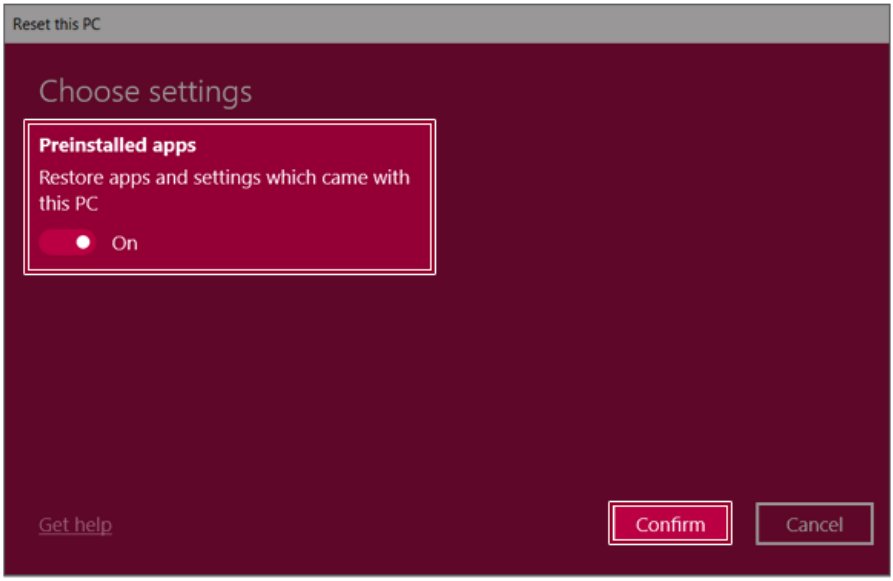


2 Check the **current settings**.

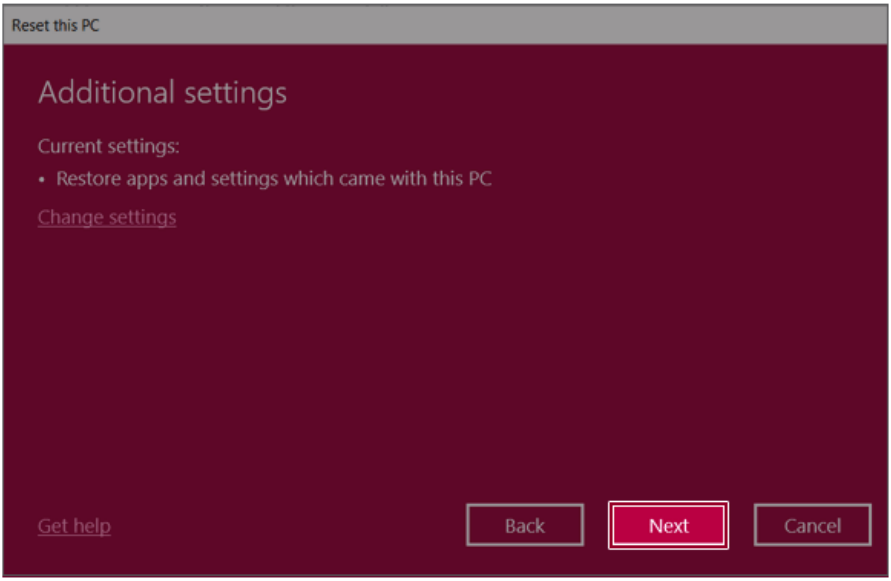


3 If you need to change the settings, press [Change settings] and press the [Confirm] button.





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

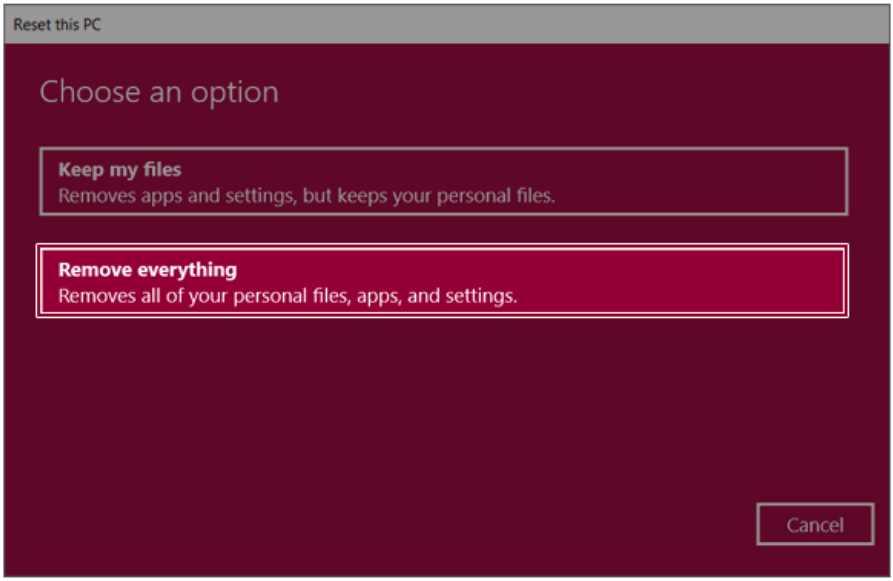


Remove everythings

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].