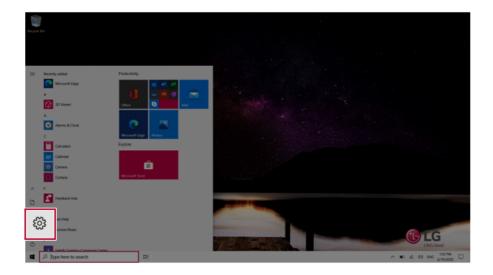
Setting Touchpad

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

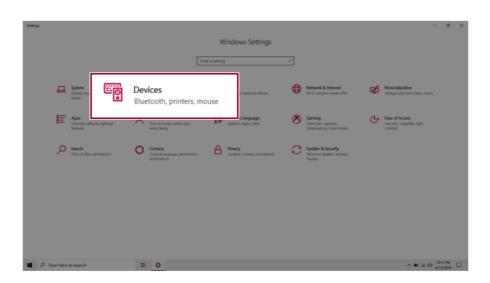
The figures herein may differ by language selection and are subject to change without prior notice.

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





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



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

4- Settings		- o ×
© Home	Touchpad	
Find a setting P	Your PC has a precision touchpad.	Touch and go
Devices	Sourcead On	Swipe up with three fingers to display all your open apps, or tap an app once with two fingers to right-click. Learn other gestures
Bluetooth & other devices	Leave touchpad on when a mouse is connected	
Printers & scanners	Change the canor speed	Related settings Additional settings
() Mouse		Advanced genture configuration
🖬 Touchpad	Taps	
C Typing	Use taps to click, right-click, and select. Turn down the sensitivity if they activate while you're typing	Help from the web
📌 Pen & Windows Ink	Touchpad sensitivity	Fixing touchpad problems Opening the on-screen touchpad
	Medium sensitivity V	
AutoPlay		Get help
Õ USB	Tap with a single finger to single-click	Give feedback
	In a with two fingers to right-click	
	Tap twice and drag to multi-select.	
	Press the lower right corner of the touchpad to right-click	
	Scroll and zoom	
	🛃 Drag two fingers to scroll	
P Type here to search	H O	^ ■0 _4_ 00 ING 159 PM

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 the monitor (projector) toggling screen. Select the desired screen output.

🐠 tip _____

• Every time you press [] + [P], the screen output option changes. Release the keys to display the selected screen output.

- CAUTION

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

Connecting to Wireless Display

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

🥘 option -

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

Connecting to Wireless Display

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

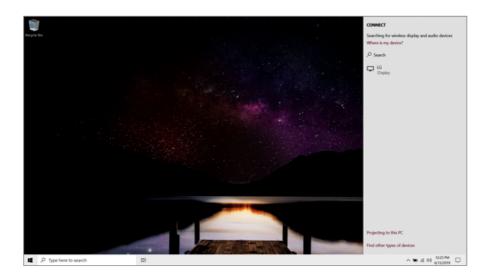


2 When the Action Center screen appears, press the **[Connect]** tile.





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.



Using the USB-C[™] Port

The USB-C[™] port mounted on this product supports USB 3.2 Gen 2x1 standards.

You can use the USB-C[™] port to connect the USB devices, charge the external devices, and display the screen output.

🧶 TIP -

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

CAUTION

Charging the notebook PC battery via the USB-C[™] port is not supported.

Connecting a USB Device

🌆 tip _

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

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).

Charging the external devices

You can charge the external devices by connecting them to the USB-C[™] port.

- 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.

🔘 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.

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 ——

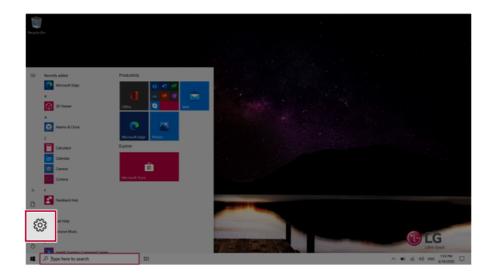
The Bluetooth device is optional, and it may not be available in some models.

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.



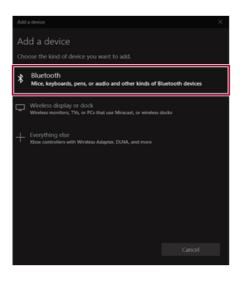


2 When the [Settings] screen appears, select [Devices].

Settings					- a ×
	Windows Settings				
	[10 - 10 - 10 - 10 - 10 - 10 - 10 - 10				
	Find a setting	4			
System Courses, so power	Devices Bluetooth, printers, mouse	⊕	Network & Internet 189-Fi, angtane mode, 1991	ø	Personalization Background, tock screen, colon
Peps Universal, defaults, optional features	There accounts, email spin; AF Speech, region, date work, family	8	Gaming Game bat, captures, broadcasting, Game Mode	ው	Ease of Access Narrator, magnifier, high contrast
Search I red my files, permissions	O Containe Contrain languages permissions. A Privacy Location, cameral microphone motifications	C	Update & Security Windows Update, recovery, beckup		
P Type here to search	# O				∧ 10 # 00 1211 PM □

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

← Settings				
බ Home	Bluetooth & other devices			
Find a setting	+ Add Bluetooth or other device			
Devices				
Bluetooth & other devices	Bluetooth On			
🛱 Printers & scanners	Now discoverable as "DESKTOP-ENDOKK4"			
() Mouse	Show notifications to connect using Swift Pair			
E Touchpad	When selected, you can connect to supported Bluetooth devices quic when they're close by and in pairing mode.			
C Typing				
🖉 Pen & Windows Ink				



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.

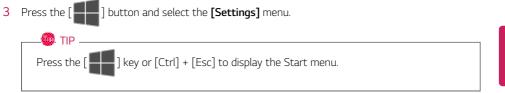
🚇 TIP -

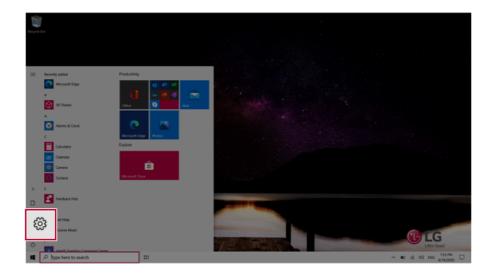
The recommended network cable for the optimal network environment is CAT5 or higher. The network (LAN) cable may be connected when the LAN adapter is used.



2 Connect the wired LAN cable to the LAN port.

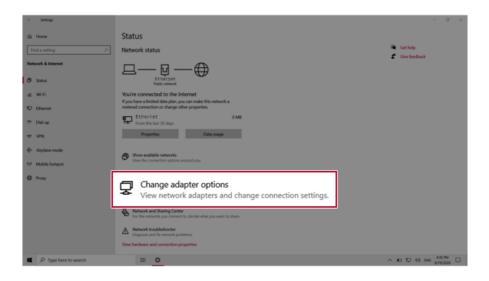




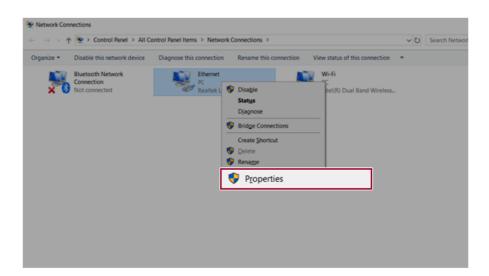


4 Select [Network & Internet] > [Status] > [Change adapter options].

Setting					- o ×
			Windows Settings		
			,, ,, ,		
		Find a	a setting	ρ	
	System Organs, sound, notifications, power	Devices Bluetooth, printers, mouse	C Proce Units your Acute	Network & Internet Wi-Fi, airplane mode, VPN	sation 8. lock screen, colors
	E Apps Uninetall, defaults, optional	Accounts Your accounts, email, sync,	Speech, region, date	🛩 Game bal, captures. 🔍 Nan	coess stor, magnifier, high
	features	work, family		broadcasting. Game Mode cont	trad
	Search find my files, permissions	O Cortana Cortana language, permissions, notifications	Privacy Location, camera, microphone	C Update & Security Windows Update, recovery, beckup	
4	D Type here to search	# 0			~ ₩0 #L 00 12117M



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



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

P Ethernet 2 Properties ×			
Networking Sharing			
Connect using:			
Realtek PCIe GBE Family Controller #2			
Configure			
Controctive Control of Moreoret In However, Control for Moreorth Networks Control Printer Scheduler Control Control Control Control Networks			
Internet Protocol Version 4 (TCP/IPv4)			
M → Link-Layer Topology Discovery Mapper I/O Driver → Microsoft Network Adapter Multiplexor Protocol ✓ <			
Instal Uninstal Properties			
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.			
OK Cancel			

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.

niternet	Protocol Version 4 (TCP/IP	(4) Properties	>		>
General	Alternate Configuration				
this cap	n get IP settings assigned au ability. Otherwise, you need appropriate IP settings.				
0	otain an IP address automat	ically			
OUs	e the following IP address:				
IP ac	idress:				
Subr	et mask:				
Defa	ult gateway:				
	otain DNS server address au	tomatically			
OUs	e the following DNS server a	ddresses:			
Prefe	erred DNS server:				
Alter	nate DNS server:				
	alidate settings upon exit			Adva	nced
		_	OK		Cancel

- 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).

- Option -

Wireless LAN is optional. Hence, it may not be installed in some models.

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.

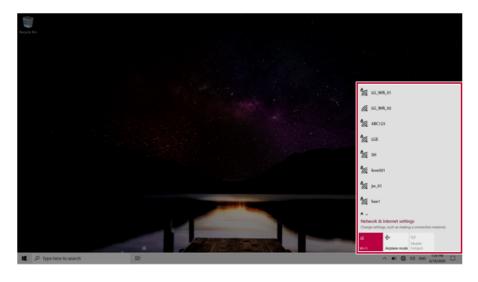
A password protected Access Point cannot be accessed without the correct password.

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.



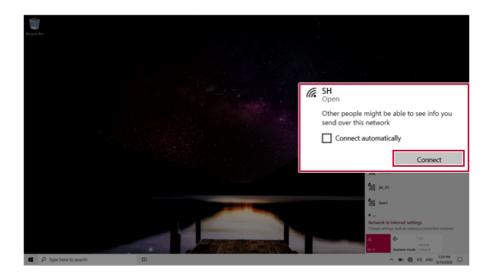


🐠 TIP 🗕

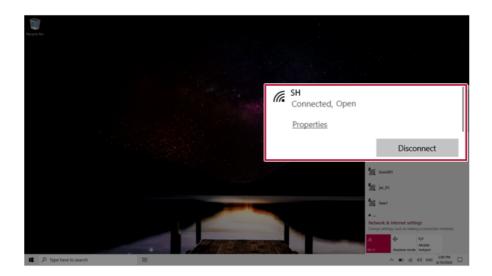
If Wi-Fi is turned off, press the [Wi-Fi] tile.

Wi-Fi Turned off			
Turn Wi-Fi back on			
Manually ~			
Network & Internet settings as making a connection metered.			
Wi-Fi sne mode hotspot			
へ 🎟 🌐 小) 1221 PM 🕞 G/13/2019			

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 Micro SD memory cards.

· Directly applicable memory cards



micro SD

Mounting and Using Memory Card

This product supports one Micro SD slot.

Make sure that the insertion direction of the **Micro SD** memory card is correct and push it until it 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.
- Micro SD memory cards can be used only as storage devices and do not support the copyright protection feature.

Removing Memory Card

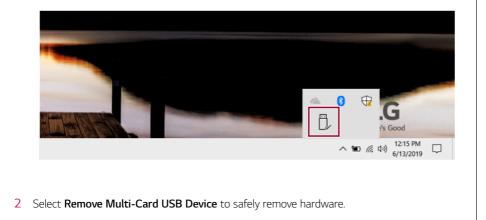
Push the card with your finger to make the card spring out of the slot. Remove the memory card.

🔘 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.



Using Software

LG Control Center

🛄 TIP _

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

The menu items displayed in **LG Control Center** and their supported functions may differ depending on the model.

The figures herein are subject to change without prior notice.

Running LG Control Center

Press the [] button, and in [LG Software], run [LG Control Center].

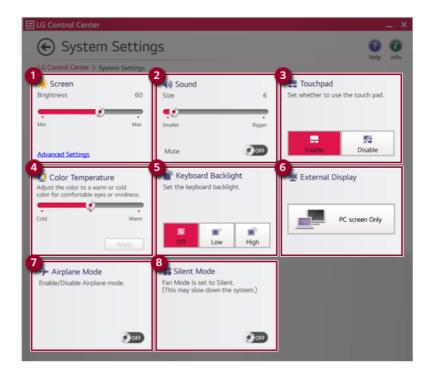


- 1 Minimize/Exit Button: Minimizes the size of the window, or exits the software.
- 2 Help/Info Button: Runs Help or displays information about the software.
- **3** System Settings: Sets the device settings such as the screen brightness, sound, and external display.

- 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.

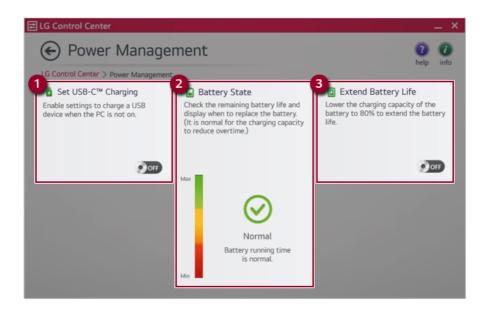


- 1 **Screen:** Allows you to adjust the screen brightness. (This function is not supported in a model that does not provide the brightness settings in Windows.)
- **2** Sound: Allows you to adjust the volume of the sound or use the mute function.
- 3 Touchpad: Allows you to set whether to use the touchpad.
- 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 Airplane Mode: Allows you to set the Airplane Mode. (It turns off the wireless LAN).
- 8 Silent Mode: Allows you to set the fan to the low-speed mode.

Power Management Screen

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



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

Windows Security Screen

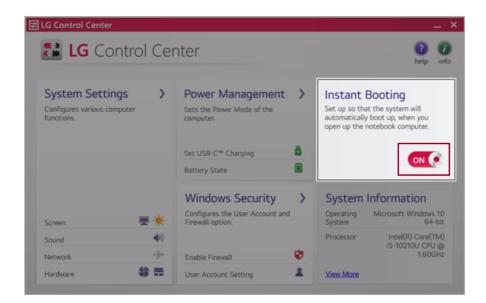
You can change the User Account Control and firewall settings in Windows.

	_ × _
	0 0
IG Control Center > Windows Security	
User Account Control Settings User Account Control helps prevent your computer from being affected by harmful programs. Aways notify Notify me only when apps try to make changes to my computer (default). Don't notify me when I make changes to Windows settings. Never notify	2 Firewall Settings to prevent hackers or malware from accessing the PC through the network and internet. Advanced Settings

- 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 State 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 and Windows patches 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].

LG Update Center info 4 All List Required Update > Notification Setting > > Checking the required items in the Check all current installations and Set the notification and notification update list. items that need to be updated. cycle for new installations and updates. Driver : 1 Case Application : 0 Case Q Auto Update Search : On Windows patch : 0 Case Cycle: 🖈 Required Update : 1 Case Installed : Daily 12:00 21 Case

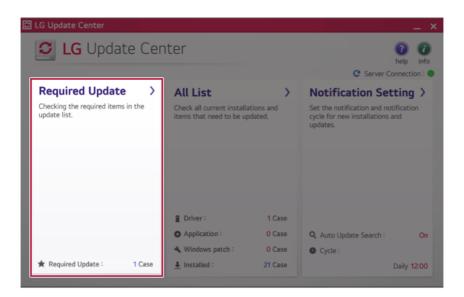
- Minimize/Exit Button: Minimizes the size of the window, or exits the software. 1
- 2 help/info Button: Runs Help or displays information about the software.
- 3 Required Update: Installs critical items that must be applied to the system.

- 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.



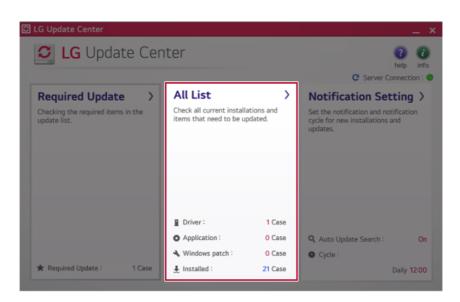
2 When the **Required Update** list appears, select the updates to install and press the [Installation] button.

Relp	e (=)	
	nter > Required Update	LG Update Center
C Server Connection	e (=)	7
	e 📄	BIOS Update
	1210	Version : W1ZD1210
		Driver
Installation	s/have beenselected.	 1item(s) has/hav
Installation	s/have beenselected.	 1item(s) has/hav
Installation	s/have beenselected.	 1item(s) has/hav
Installation	s/have beenselected.	 1item(s) has/har TIP

All List

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

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



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

Update needed. LG Update Center > All List > Update needed.	help in
Unselect All	C Server Connection
BIOS Update Version : W1ZD1210	
Driver	

🧶 TIP _____

All items are selected by default.

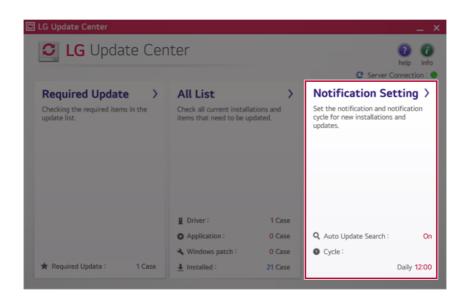
Notification Setting

🔘 tip 🗕

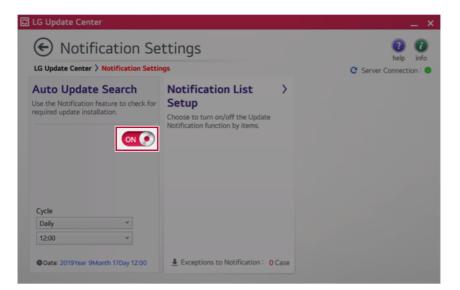
You can check the critical updates to set whether to display the notifications for update installation.



1 Select the [Notification Setting] menu.



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



3 Set the [Cycle].

Daily 12:00

O Date: 2019Year 9Month 17Day 12:00

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.

C Server Co

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

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

Q: I want to hide the update notifications.

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

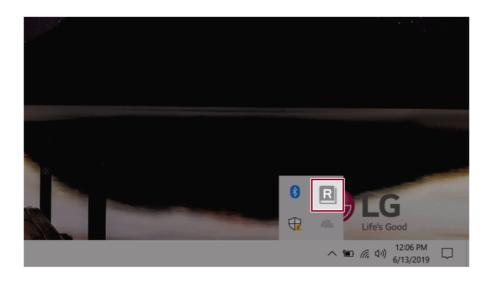
Q: How can I update the items that are excluded from the notification list?

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

LG Reader Mode

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

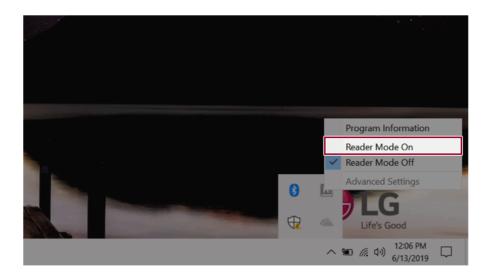
Using LG Reader Mode
CAUTION Using the Reader Mode and the Night light at the same time can cause color distortion. When you use the Reader Mode, turn off the Night light. Press the icon [] on the right of the taskbar to launch the Action Center, then press the [Night Light] tile to turn on or off the Night Light.
 TIP
1 Press the icon [R] on the right of the taskbar.

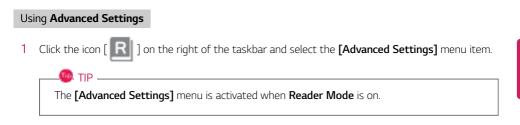


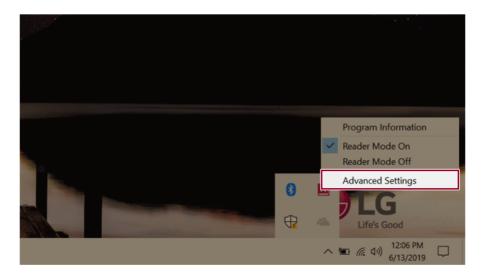
🔘 TIP _____

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

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







2 The [Advanced Settings] window appears.

R A	dvanced Settings		×
0	SYSTEM BRIGHTNESS		50
Colo	or Adjustment	Brightness	20
2		Contrast	50
T		Gamma	1.0
		3 Reset OK Can	cel

- 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



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

🔘 TIP –

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

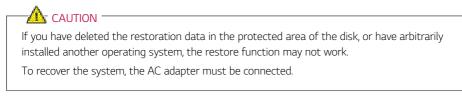
If you want to reinstall Audio Driver or DTS:X Ultra, remove [DTS:X Ultra] and [Realtek High Definition Audio Driver] in the order specified and install [Realtek High Definition Audio Driver]. Then restart and install [DTS:X Ultra].

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

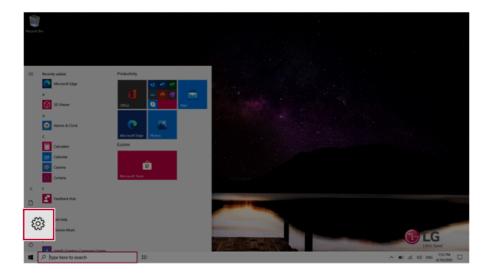
Restoring the System

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.



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



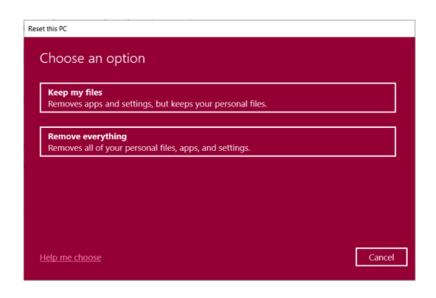
2 When the [Settings] screen appears, select [Update & Security].

Settings						- c	3 ×
			Windows Settings				
		Fr	nd a setting	P			
	System Opping, sound, notifications, power	Devices Buetooth, printers, mouse	Phone Link your Android, Phone	۲	Network & Internet 186-Fi, algitane mode, 1891	Personalization Background, lock screen, colors	
	Acps Uninetal, defaults, optional Instance	Accounts Your accounts, email, sync, accrit, family	Time & Language Speech, region, date	8	Garning Game bas, captures, broadcarting, Game Mode	Ease of Access Narrator, magnifier, high contrast	
	Search And my lites, permissions	O Cotane Contane language, permissions, notifications	Privacy Escalator, camera, microart	C	Update & Security Windows Update, recovery backup	,	
1 .P 15	pe here to search	n o				~ 10 # 01 1211 M	, o

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

← Settings	
ය Home	Recovery
Find a setting	Reset this PC
Update & Security	If your PC isn't running well, resetting it might help. This lets you choose to keep your personal files or remove them, and then reinstalls Windows.
C Windows Update	Get started
Delivery Optimization	
Windows Security	Advanced startup
↑ Backup	Start up from a device or disc (such as a USB drive or DVD), change your PC's firmware settings, change Windows startup settings, or restore Windows from a system image. This will restart your PC.
🧷 Troubleshoot	Restart now
윤 Recovery	
 Activation 	More recovery options

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].

Reset this PC

Choose an option

Keep my files

Removes apps and settings, but keeps your personal files.

Remove everything Removes all of your personal files apps and settir

Help me choose

Cancel

2 Select How to Reinstall Windows.

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

[Cloud download] is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

The required time may vary depending on the Internet speed.

Reset this PC	
How would you like to reinstall	Windows?
Cloud download Download and reinstall Windows	
Local reinstall Reinstall Windows from this device	
Cloud download can use more than 4 GB of data	a.
Help me choose	Back Cancel

3 Check the current settings and click [Next] to perform the recovery according to the instructions.



Re	set this PC			
	Additional settings			
	Current settings: • Download and reinstall Windows <u>Change settings</u>			
		Back	Next	Cancel

Remove everythings

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



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].

Reset this PC				
Choose an option				
Keep my files Removes apps and settings, but keeps your personal files.				
Remove everything Removes all of your personal files, apps, and settings.				
Help me choose	Cancel			

2 Select How to Reinstall Windows.

_____ TIP ____

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

[Cloud download] is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

The required time may vary depending on the Internet speed.

eset this PC			
How would you like to reinsta	ll Window	rs?	
Cloud download Download and reinstall Windows			
Local reinstall Reinstall Windows from this device			
Cloud download can use more than 4 GB of d	ata.		
Help me choose		Back	Cancel

3 Check the current settings and click [Next] to perform the recovery according to the instructions.

If you need to change the settings, click [Change settings] and change the settings.

🔘 TIP —

Reset this PC	
Additional settings	
Current settings:	
 Remove apps and files. Do not clean the drive Delete all files only from Windows drive 	
Reinstall Windows from this device	
Change settings	
	,
Learn more Back	Next Cancel

LG Recovery Center RE

If booting is impossible due to an error with the system, you can recover the system using LG Recovery Center RE.

🗶 TIP -

It is recommended that you create a recovery drive in case a serious error occurs in the system.

CAUTION

If you have deleted the restoration data in the protected area of the hard disk, the restore function may not work.

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

- 1 Turn on the PC and press [F11].
- 2 Once LG Recovery Center RE is started, select a language and press the [Next] button.

○ 한글	○ German	O Italian
English	○ Japanese	O Canadian French
O Brazilian Portuguese	 Chinese(Simplified) 	
○ Spanish	 Chinese(Traditional) 	
○ French	○ Vietnamese	
O European Portuguese	O Polish	

3 When the cautions and user agreement screen appears, check the [I Agree] button and press the [Next] button.

For recovery, the power adapter must be connected. Connect the system power and then recover the system.



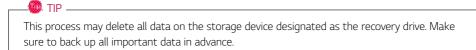
4 When factory reset is complete, press the [Complete] button to restart the system.

🖸 LG Recovery Center	×
U LG Recovery Center RE	
	_
The hard disk was reset to the factory default.	
Complete	

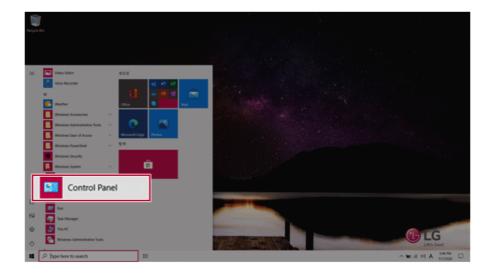
Recovery Drive

Creating Recovery Drive

Create a recovery drive in case LG Recovery Center RE is unable to recover the system.



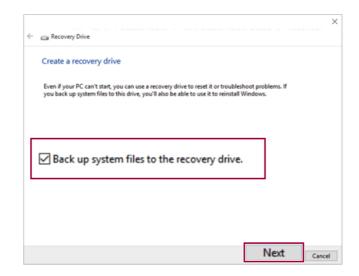
1 Press the [] > [Windows System] button and run [Control Panel].



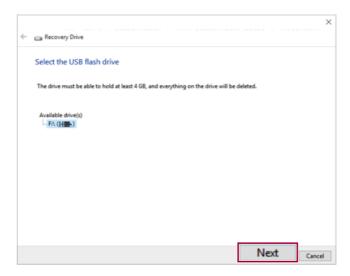
2 Press [Recovery] in the control panel and select [Create a recovery drive].

All Control Panel Items			- 0 ×	
← → · · ↑ 🖬 > Control Panel	→ · · · ↑ 🔤 > Control Panel > All Control Panel Items		rch Control Panel	
Adjust your computer's settings			View by: Small icons =	
E Administrative Tools	AutoPlay	Backup and Restore (Windows 7)	🔐 Color Management	
Credential Manager	Pate and Time	🐻 Default Programs	🐉 Device Manager	
R Devices and Printers	Sease of Access Center	File Explorer Options	🐌 File History	
🖊 Flash Player (32-bit)	K Fonts	lndexing Options	C Internet Options	
👞 Keyboard	Mail (Microsoft Outlook 2016)	A Mouse	22 Network and Sharing Center	
Phone and Modern	Power Options	Programs and Features	land the covery land the cover	
🔗 Region	RemoteApp and Desktop Connections	Y Security and Maintenance	0	
Ø Speech Recognition	Storage Spaces	Sync Center	System	
Taskbar and Navigation	Troubleshooting	R User Accounts	📽 Windows Defender Firewall	
Windows Mobility Center	🐌 Work Folders			

3 When the recovery drive creation screen appears, check [Back up system files to the recovery drive] and press the [Next] button.



4 Select the USB flash drive to use and press [Next] to create a recovery drive.



5 Once the storage device is ready, press [Finish] to complete the creation of the recovery drive.

Using Recovery Drive

In case **LG Recovery Center RE** is unable to recover the system, you can use the recovery drive to recover the system.

CAUTION

All data may be lost depending on the user settings during the system recovery.

- 1 Connect the recovery drive to the USB port of the PC.
- 2 Turn on the PC and press [F10] several times.
- 3 When the screen for selecting the boot device appears, select the connected recovery drive and press [Enter].
- 4 Set the language and select the [Troubleshooting] menu.
- 5 Select the item you want and recover the system by following the instructions.

Setup and Upgrade

Installing the Driver

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

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

C LG Update C	Cer	nter		1 milet in
				C Server Connection
Required Update	>	All List	>	Notification Setting
Checking the required items in the update list.		Check all current installa items that need to be up		Set the notification and notification cycle for new installations and updates.
		Driver :	1 Case	
		Application :	0 Case	Q Auto Update Search : 0
		🔦 Windows patch :	0 Case	O Cycle :
★ Required Update : 1 Ca	se	Installed :	21 Case	Daily 12:0

2 Select [Required Update] or [All List] to install the driver.

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.



To use the system setup (F2), booting device selection (F10), or recovery (F11), 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.



- 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.

System Time	[12:00:00]	
System Date	[Tue 10/01/2019]	
Product Name	17U70N-XXXXX	
BIOS Version	17U70FXX	
Keyboard Controller Revision	0.00	
Build Date and Time	10/25/2019 12:00:00	
Serial number	XXXXXXXXX	
UUID Number	XXXXXXXX-XXXX-XXXX-XXXX-	

Processor		
Processor Type	Intel(R) Core(TM)	
	i5-10210U CPU @ 1.60GHz	↔: Select Screen
Processor Speed	2100 MHz	†↓: Select Item
System Bus Frequency	100 MHz	Enter: Select
Memory Frequency	2667 MHz	F5/F6: Change Opt. F1: General Help
Total Memory	16384 MB (DDR4)	F9: Optimized Defaults
		F10: Save & Reset
PCIE SSD1	XXXXXXX	ESC: Exit
	XXXXXXXXXXXXX-XXXXX	

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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.
F5, F6	Increases or decreases the item value.
F10	Saves the new settings or exits the system setup.

Setting the Password

This process is to set a password so that other people cannot use the PC or change the settings.

The user can set a password while booting the system or setting up the system.

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

• 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.

Aptio Setup Utility - Copyright (C) 2019 American Megatrends, Inc. Main Advanced <mark>Security</mark> Boot Exit		Megatrends, Inc.
Account's Password Status		
Supervisor Password	NOT INSTALLED	
User Password	NOT INSTALLED	
Set Supervisor Password		
Set User Password		
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
▶ Delete All Secure Boot Keys		
		+> : Select Screen
HDD Security Status		11: Select Item Enter: Select
SSD1 Password is	Cleared	
Set SSD1 Password		F5/F6: Change Opt. F1: General Help
Trusted Platform Module		F9: Optimized Defaults
TPM Support	[ON]	F10: Save & Reset ESC: Exit
▶ TPM Configuration		ESC. EXIT
Version 2.20.127	6. Copyright (C) 2019 American	Megatrends, Inc.

3 When the Create New Password screen appears, enter a password and press the [Enter] key. The password should not exceed 20 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



4 When the **Confirm New Password** screen appears, enter the password once again and press the [Enter] key.



- 5 To save the changes in the system setup, press [F10].
- 6 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.



🍈 TIP _

• The **Supervisor Password** gives one the authority to set all items in System Setup and to set **[Power on Password]**. It is advisable to use a **User Password** if other persons also use the computer.

Set Supervisor Password

The password set by the **Set User Password** process is lower 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, select [Set User Password] and press the [Enter] key.

Aptio Setup Utility - Copyright (C) 2019 American Megatrends, Inc. Main Advanced <mark>Security</mark> Boot Exit		
Account's Password Status		
Supervisor Password	INSTALLED	
User Password	NOT INSTALLED	
Cat Supervisor Decemord		
Set User Password		
FOWER OIL PASSWOLD	[Disabledi]	
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
Delete All Secure Boot Keys		↔ : Select Screen
		t1: Select Item
HDD Security Status		Enter: Select
SSD1 Password is	Cleared	F5/F6: Change Opt.
Set SSD1 Password		F1: General Help
500 5507 1 4554010		F9: Optimized Defaults
Trusted Platform Module		F10: Save & Reset
TPM Support	[ON]	ESC: Exit
TPM Configuration	[out]	
P TT III CONTIGUTATION		
Versies 2.20.1276	Copyright (C) 2019 American	Managements (as

3 When the Create New Password screen appears, enter a password and press the [Enter] key. The password should not exceed 20 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



4 When the **Confirm New Password** screen appears, enter the password once again and press the [Enter] key.



- 5 To save the changes in the system setup, press [F10].
- 6 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.

Save & reset	
Save cofigurat	ion and reset?
Yes	No

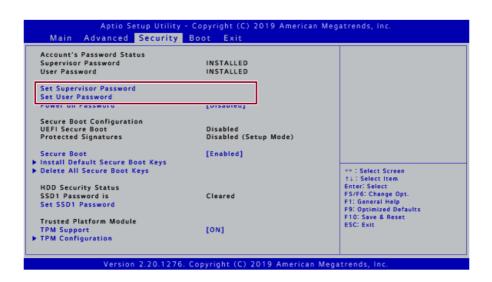
- _____ TIP _
- **[User Password]** allows limited access to the items in the System Setup compared to the **[Supervisor Password]** items.

Power on Password

Power on Password protects the system by requesting [Set Supervisor Password] or [Set User Password] input during bootup.

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 Select [Power on Password] and press the [Enter] key. A pop-up window will appear. Select [Enabled] and press [Enter] to complete the [Power on Password] setting.

Account's Password Status		
Supervisor Password	INSTALLED	
User Password	INSTALLED	
Set Supervisor Password		
Power on Password	[Enabled]	
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
Delete All Secure Boot Keys		↔ : Select Screen †1 : Select Item
		T1: Select Item Enter: Select
HDD Security Status SSD1 Password is	NOT INSTALLED	F5/F6: Change Opt.
	NOTINSTALLED	F1: General Help
Set SSD1 Password		F9: Optimized Defaults
Trusted Platform Module		F10: Save & Reset
TPM Support	[ON]	ESC: Exit
TPM Configuration	Louit	

Set SSD Password

SSD Password is a password set for the SSD separately from the Supervisor Password.

For the models equipped with two SSD devices, the menu names are shown as SSD1, SSD2, etc.

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

The order in which the password input window appears is according to the [Boot Priority Order] of the [Boot] menu at the top.

- 1 After opening the system setup screen, use the arrow keys to move to [Security].
- 2 When the Security item appears, select [Set SSD1 Password] using the arrow keys and press the [Enter] key.

Account's Password Status		
Supervisor Password	INSTALLED	
User Password	INSTALLED	
Set Supervisor Password		
Set User Password		
Power on Password	[Enabled]	
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
Delete All Secure Boot Keys		↔ : Select Screen
		†↓: Select Item
HDD Security Status		Enter: Select
CCD1 Decemberd is	Cleared	F5/F6: Change Opt.
Set SSD1 Password		F1: General Help F9: Optimized Defaults
Trusted Platform Module		F10: Save & Reset ESC: Exit
TPM Support	[ON]	ESC. EXIC
TPM Configuration		

3 When the Create New Password screen appears, enter a password and press the [Enter] key. The password should not exceed 32 characters and should consist of English letters (A - Z), numbers (0 - 9), and special characters or a combination of them.



4 When the **Confirm New Password** screen appears, enter the password once again and press the [Enter] key.



- 5 To save the changes in the system setup, press [F10].
- 6 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.

Save & reset			
Save cofiguration and reset?			
Yes No			



If you forget your SSD Password, you cannot restore SSD.

• Please note that replacement of SSD due to forgotten **SSD Password** is not covered by warranty.

Changing or Deleting the Password

You can delete or change the password only after entering the current password.

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

Changing the Password

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

Enter Password –	
_	

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 On the initial setup screen, use the arrow keys to move to **[Security]**, select **[Set Supervisor Password]**, and press the [Enter] key.

Account's Password Status		
Supervisor Password	INSTALLED	
User Password	INSTALLED	
Set Supervisor Password		
Power on Password	[Disabled]	
Conce on Cassword	[oursel	
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
Delete All Secure Boot Keys		↔ : Select Screen
		†↓: Select Item
HDD Security Status		Enter: Select
SSD1 Password is	Cleared	F5/F6: Change Opt. F1: General Help
Set SSD1 Password		F9: Optimized Defaults
Trusted Platform Module		F10: Save & Reset
TPM Support	[ON]	ESC: Exit
TPM Configuration		

3 Type the current password and press Enter.



4 When the Create New Password screen appears, press the [Enter] key.



5 When the WARNING screen appears, select [Yes] and press the [Enter] key.



- 6 To save the changes in the system setup, press [F10].
- 7 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.

Save & reset			
Save cofigurati	ion and reset?		
Yes	No		

Deleting the Password (Set SSD Password)

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



2 On the initial setup screen, use the arrow keys to move to **[Security]**, select **[Set SSD1 Password]**, and press the [Enter] key.

TIP	
•	
For the models equipped with two SSD devices, the menu names are shown as SSD1 ,	
SSD2, etc.	

Account's Password Status		
Supervisor Password	INSTALLED	
User Password	INSTALLED	
Set Supervisor Password		
Set User Password		
Power on Password	[Enabled]	
Secure Boot Configuration		
UEFI Secure Boot	Disabled	
Protected Signatures	Disabled (Setup Mode)	
Secure Boot	[Enabled]	
Install Default Secure Boot Keys		
Delete All Secure Boot Keys		↔ : Select Screen
		†1: Select Item
HDD Security Status		Enter: Select
CCD1 Decembed is	Cleared	F5/F6: Change Opt.
Set SSD1 Password		F1: General Help F9: Optimized Defaults
Trusted Platform Module		F10: Save & Reset
TPM Support	[ON]	ESC: Exit
TPM Configuration		

3 Type the current password and press Enter.



4 When the **Create New Password** screen appears, press the [Enter] key.



5 When the **WARNING** screen appears, select **[Yes]** and press the [Enter] key.



- 6 To save the changes in the system setup, press [F10].
- 7 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.

Save & reset			
Save cofigurat	ion and reset?		
Yes No			

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 Open the initial system setup screen and use the arrow keys to move to [Exit].
- 2 Use the arrow keys to select [Load Setup Defaults] and press the [Enter] key.

Aptio Setup Utility - Copyright (C) 2019 America Main Advanced Security Boot Exit	n Megatrends, Inc.
Exit Saving Changes Save Change Without exit Exit Discarding Changes Load Setup Defaults Discard Changes	↔ : Select Screen ↑↓: Select Item Enter: Select F5/F6: Change Opt. F1: General Help F9: Optimized Defaults F10: Save & Reset ESC: Exit
Version 2.20.1276. Copyright (C) 2019 American	Megatrends, Inc.

3 When the **Load Optimized Defaults** screen appears, select **[Yes]** and press the [Enter] key. The settings will be reset to the factory default.

Load Optim	ized Defaults	
Load Optimized Defaults?		
Yes	No	

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

5 When the Save & Reset screen appears, select [Yes] and press the [Enter] key. The PC will restart.

Save & reset			
Save cofigurat	tion and reset?		
Yes	No		



• You can press the [F9] key to use the **[Load Setup Defaults]** item.

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), or recovery (F11), you need to restart the system (click **[Restart]** in the system power menu) and then immediately press the corresponding function key due to the fast booting speed.

Changing the Boot Order

1 Reboot the system and press [F2].



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

3 Go to [Boot Priority Order] and press [F5] or [F6] to change the booting order.



4 Press the [F10] key, and when the **Save & Reset** screen appears, select **[Yes]** and press the [Enter] key.



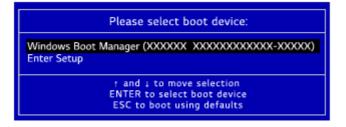
5 The changes are saved and the system reboots.

Selecting a Booting Device to Use

1 Reboot the system and press [F10].



2 When the Select Booting Device screen appears, select the device.



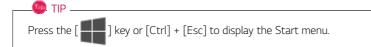
3 Boots using the selected device.

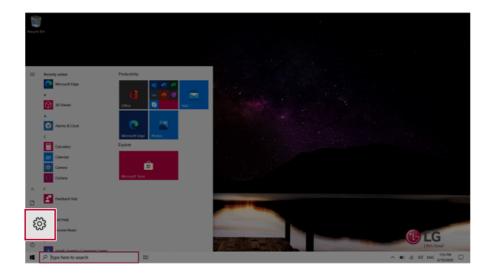
Windows 10 Auto Scaling

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

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

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





2 Select [System] > [Display].

Settings				- 0 ×
		Windows Settings		
	Find	f a setting	P	
System Display, sound, notific	ations,	Phone Unix your Android, iffhone	Metwork & Internet WE-FL argitane mode, VPN	Personalization Baceproved, tool screen, colors
onninas onnuns opioner	Tour accounts, etmas, sync, work, family	Speech, region, date	Saming Game bar, captures, broadcauting, Game Mode	Ease of Access Narrator, response, high contrast
Search find my files, permissions	Contana Contana language, permissions, notifications	A Privacy Sociation, camera, microphone	Update & Security Windows Update, recovery, beckup	
P Type here to search	# 0			∧ 10 ± 01 1211 M □

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

6 Settings		- σ ×
© Home	Display	
Find a setting ,P	Brightness and color Ourge brightness for the built in display	Seep better Night light can help you get to sleep by displaying warmer colors at night. Select Night light settings to set things
C Display	Nyttaje	Select regrit light settings to set things up.
08 Sound	Night light settings	Help from the web
Notifications & actions		Setting up multiple monitors Adjusting font size
J Focus assist	Windows HD Color	Changing screen brightness
🔿 Power & sleep	Get a brighter and more vibrant picture for videos, games and apps that: support HGR. Windows IN Color writings	Fixing screen flickering
🗆 Battery	analysis in consistings	Get help
ca Storage	Change the size of text, apps, and other items	
C8 Tablet	125% (Recommended)	
E! Multitaking		
Projecting to this PC	Display resolution 100 v 1000 Recommended	
X Shared experiences	Tado + Koto pacommended	
1 Clipboard	Landscape V	
y ^C Remote Desktop	Multiple displays	
P Type here to search	R 0	~ ■ .4 00 DNS 1007M □

_____ тір .

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 Press the [] button, and in [LG Software], run [LG Control Center].
- 2 On the LG Control Center screen, set [Instant Booting] to [ON].

🚼 LG Contro	l Cei	nter	2 help ir
System Settings	>	Power Management >	Instant Booting Set up so that the system will
Configures various computer functions.		Sets the Power Mode of the computer.	automatically boot up, when you open up the notebook computer.
		Set USB-C [™] Charging	
		Battery State	
		Windows Security >	System Information
Screen	*	Configures the User Account and Firewall option.	Operating Microsoft Windows 10 System 64-bit
	4 3)		Processor Intel(R) Core(TM i5-10210U CPU @
Sound			

- 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.

FAQ

LG Recovery Center RE

If booting is impossible due to an error with the system, you can recover the system using LG Recovery Center RE.

🧶 TIP 🗕

It is recommended that you create a recovery drive in case a serious error occurs in the system.



If you have deleted the restoration data in the protected area of the hard disk, the restore function may not work.

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

- 1 Turn on the PC and press [F11].
- 2 Once LG Recovery Center RE is started, select a language and press the [Next] button.

○ 한글	O German	O Italian
 English 	 Japanese 	O Canadian French
O Brazilian Portuguese	 Chinese(Simplified) 	
○ Spanish	 Chinese(Traditional) 	
O French	O Vietnamese	
O European Portuguese	O Polish	

3 When the cautions and user agreement screen appears, check the [I Agree] button and press the [Next] button.

For recovery, the power adapter must be connected. Connect the system power and then recover the system.



4 When factory reset is complete, press the [Complete] button to restart the system.

C LG Recovery Center	×
U LG Recovery Center RE	
	_
The hard disk was reset to the factory default.	
Complete	2

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 Press the [] button, and in [LG Software], run [LG Control Center].
- 2 On the LG Control Center screen, set [Instant Booting] to [ON].

🚼 LG Contro	l Cei	nter	10 help ii
System Settings	>	Power Management >	Instant Booting Set up so that the system will
functions.		computer.	automatically boot up, when you open up the notebook computer.
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Sound			

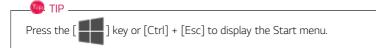
- 3 Shutdown the system and close the notebook PC cover.
- 4 When the cover is opened, the notebook PC turns on and the system starts to boot automatically.

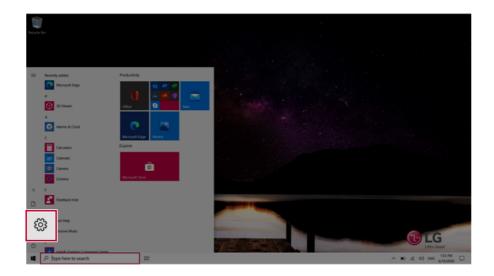
Windows 10 Auto Scaling

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.





2 Select [System] > [Display].

Serrege	Windows Settings	P	- a x
System Display, sound, notifications, power	Phone Crist your Android, Phone	Metwork & Internet TO-FL angulare mode: UPN	Personalization Exceptionals, took screen, colours
constant persons, genoup constants constants	Erre & Language Speech region, date	Garning Game bat captures. broadcarting Game Mode	Ease of Access Manatoc magnifier, high context
Find my first permissions Contrast impage, permissions	ann, 🖬 tooton camera ascriptione	 Windows Update, moviery, backup 	
P Type here to search			^ ₩ # 00 1211 PM

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

4- Settings		- 0 ×
	Display	
Find a setting P	Brightness and color	Sleep better
System	Ourge brightness for the built in display	Night light can help you get to sleep by displaying warmer colors at night. Select Night light settings to set things up.
C Display	Night light	
00 Sound	Night light wettings	Help from the web
Notifications & actions	tagen ag in provinge	Setting up multiple monitors
C) Holmanors a scoors	Windows HD Color	Adjusting font size
J Focus assist		Changing screen brightness Fixing screen flickering
⑦ Power & sleep	Get a brighter and more vibrant picture for videox, games and apps that support HDR.	nung abree recenny
	Windows HD Color settings	Get help
Eattery		Give feedback
ca Storage	Change the size of text, apps, and other items	
C8 Tablet	125% (Recommended)	
LT: Multituding	125% (Recommended)	
Projecting to this PC	Display resolution	
X Shared experiences	1920 × 1080 (Recommended)	
Clipboard	Display orientation Landscape V	
> ^c Remote Desktop	Multiple diedays	
P Type here to search	H O	^ ■0 # 00 ENG 6/18/0000 □

- 🕼 TIP -

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

Restoring the System

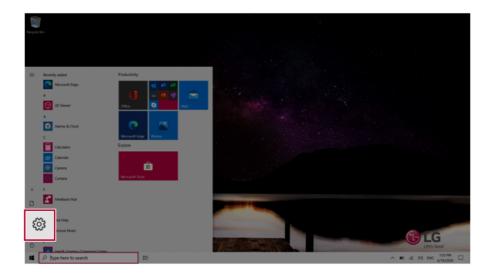
If the system has an error, you can use Windows 10's recovery function to recover or restore the system to its initial pre-purchase state.

- CAUTION

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

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

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



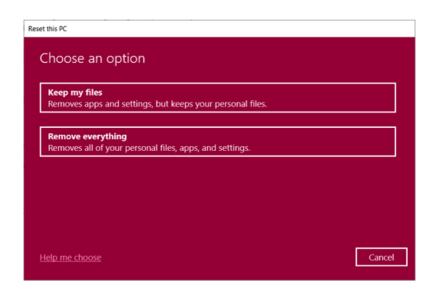
2 When the [Settings] screen appears, select [Update & Security].

Settings						- o ×
			Windows Settings			
		Find	l a setting	P		
	Cognias, sound, notifications, poser	Devices Bluetocity, printers, mouse	C Phone Link your Android, iPhone		ork & Internet 🛛 🗭	Personalization Background, lock screen, colors
	Apps Universal, defaults, optional features	Accounts Your accounts, email, sync, work, family	Speech, region, date	Samin Game t broads	bar, captures.	Ease of Access Narratoc, magnifier, high contrast
	Search Find my files, permissions	O Contana Contana tangsaga, permissions, netifications	Privacy Location, camera, money	- Wir	odate & Security indows Update, recovery, ckup	
# ,P 1)	ype here to search	H O				~ 10 AL 00 12117M

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

← Settings	
බ Home	Recovery
Find a setting	Reset this PC
Update & Security	If your PC isn't running well, resetting it might help. This lets you choose to keep your personal files or remove them, and then reinstalls Windows.
C Windows Update	Get started
Delivery Optimization	
Windows Security	Advanced startup
→ Backup	Start up from a device or disc (such as a USB drive or DVD), change your PC's firmware settings, change Windows startup settings, or restore Windows from a system image. This will restart your PC.
🧷 Troubleshoot	Restart now
윤 Recovery	
Activation	More recovery options

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].

Reset this PC

Choose an option

Keep my files

Removes apps and settings, but keeps your personal files.

Remove everything

Help me choose

Cancel

2 Select How to Reinstall Windows.

-@- TIP _____

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

[Cloud download] is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

The required time may vary depending on the Internet speed.

Reset this PC	
How would you like to reinstall Win	dows?
Cloud download Download and reinstall Windows	
Local reinstall Reinstall Windows from this device	
Cloud download can use more than 4 GB of data.	
Help me choose	Back Cancel

3 Check the current settings and click [Next] to perform the recovery according to the instructions.

IF you need to change the settings, click [Change settings] and change the settings.

Reset this PC	
Additional settings	
Current settings: • Download and reinstall Window Change settings	indows
Learn more	Back Next Cancel

Remove everythings

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



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

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

1 Select [Remove everything].



2 Select How to Reinstall Windows.

-@ TIP -----

If the PC is not connected to the Internet, the screen for selecting Windows installation method does not appear.

[Cloud download] is a menu for downloading **Windows** from **Microsoft** Cloud Server and reinstalling it.

The required time may vary depending on the Internet speed.

leset this PC	
How would you like to reinstall	Windows?
Cloud download Download and reinstall Windows	
Local reinstall Reinstall Windows from this device	
Cloud download can use more than 4 GB of data	Ь.
Help me choose	Back Cancel

3 Check the current settings and click [Next] to perform the recovery according to the instructions.

If you need to change the settings, click [Change settings] and change the settings.

🔘 TIP —

Reset this PC	
Additional settings	
Current settings: • Remove apps and files. Do not clean the drive • Delete all files only from Windows drive • Reinstall Windows from this device <u>Change settings</u>	
Learn more Back	Next Cancel

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 the monitor (projector) toggling screen. Select the desired screen output.

🔘 TIP _____

• Every time you press [] + [P], the screen output option changes. Release the keys to display the selected screen output.

CAUTION

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

Using a Wired/Wireless Router

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

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

Connecting a Wireless or Regular Router

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

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

Network speed can differ according to operation environment and specifications.

- 1 Connect the internet cable of the modem that was provided by your internet provider to the router's WAN port.
- 2 Connect all devices (PC, IPTV, internet phone, etc.) with a LAN cable to LAN ports 1 to 4 of the router.

The number of LAN ports can vary for each router model.

3 Please refer to the manual provided by the router manufacturer for setup of the network and internet.

Wireless LAN

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

🌖 option -

Wireless LAN is optional. Hence, it may not be installed in some models.

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.

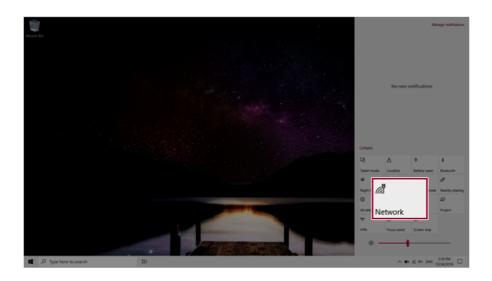
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

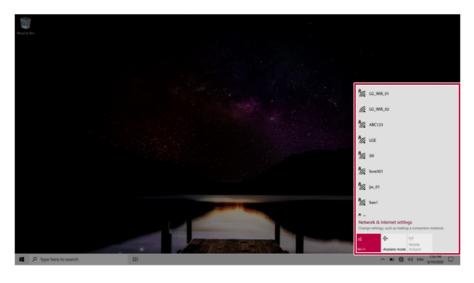
A password protected Access Point cannot be accessed without the correct password.

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.





🐠 тір 🗕

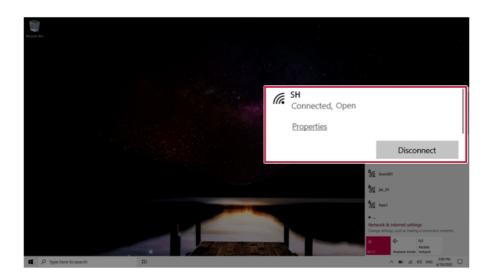
If Wi-Fi is turned off, press the [Wi-Fi] tile.

Wi-Fi	
Turn Wi-Fi back on	
Manually	7
Network & Internet settings	
Wi-Fi Ine mode hotspot	
^ 📾 € d→) 1221 PM 💭	נ

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

Report the		SH Open Other people might be able to see info you send over this network Connect automatically
β Pype here to search		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.

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 -

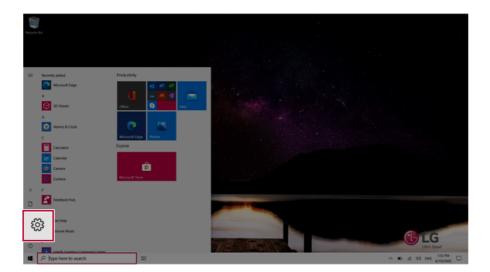
The recommended network cable for the optimal network environment is CAT5 or higher. The network (LAN) cable may be connected when the LAN adapter is used.

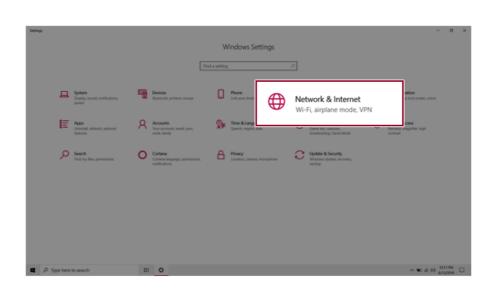


2 Connect the wired LAN cable to the LAN port.



3 Press the [] button and select the [Settings] menu. 7 TIP Press the [] key or [Ctrl] + [Esc] to display the Start menu.

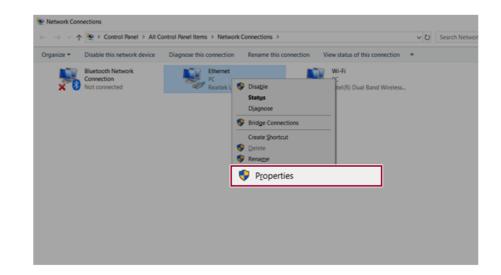




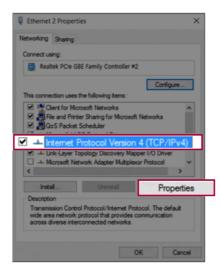
4 Select [Network & Internet] > [Status] > [Change adapter options].

 Settings 		- a ×
	Status	
Find a setting ,P	Network status	Get help
Network & Internet	$\Box - \Box = \Box$	 Give revolution
🗢 Status	Ethnizet References	
.a⊈ wi-fi	You're connected to the internet. If you have a limited data plan, you can make this network a	
10 Ethernet	metered connection or change other properties.	
1 Dial-up	Ethernet GMB From the last 30 days	
T VIN	Properties Data usage	
🕸 Airplane mode	A Show available networks	
⁹ 1 ⁸ Mobile hotspot	View the connection options around you.	
0 hoy	Change adapter options View network adapters and change connection settings.	
_	Network and Sharing Center For the networks you connect to, decide what you want to share.	
	Network troubleshooter Disprose and fin network problems.	
	View hardware and connection properties	
P Type here to search	# 0	^ KD 10 00 010 64351M

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



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



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.

	Alternate Configuration					
this cap	n get IP settings assigne ability. Otherwise, you appropriate IP settings.	need to ask				
٥0	btain an IP address auto	matically				
OU	e the following IP addre	55:				
IP ac	idress:		1			
Subr	iet mask:					
Defa	ult gateway:			1		
	btain DNS server addres	s automatic	ally			
Ou	e the following DNS ser	ver address	es:			
Pref	erred DNS server:					
Alter	nate DNS server:					
UV	alidate settings upon ex	it			Adv	anced

- 8 Press [OK] to complete the network setup.
- 9 Click the Web Browser icon to check whether the Internet is operating normally.