Using USB-C[™] (Thunderbolt[™]) Charging Function

You can connect a USB-C[™] device to charge a notebook PC battery or other external devices.

🧔 option 🗕

Thunderbolt[™] connection may not be supported in some models.

- 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.)

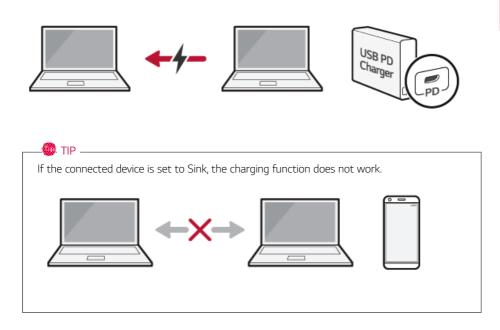


• When the connected device is set to Sink (the connected device is charged.)



2 Sink

The connected device is used to charge the notebook PC.



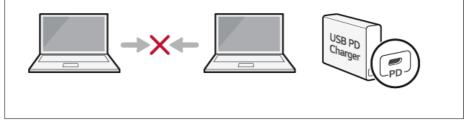
3 Source

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-CTM 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.

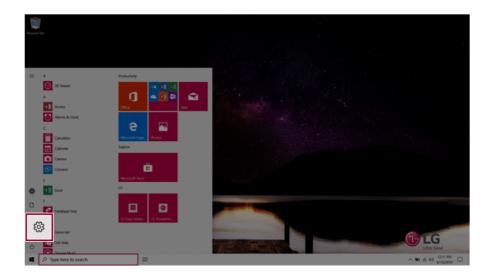
🧶 option ——

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.



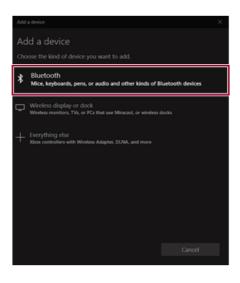


2 When the [Settings] screen appears, select [Devices].

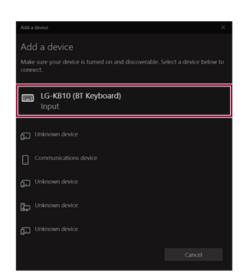
Settings					- o ×
		w	indows Settings		
		Find a setting	٩		
	La System Descoy, site power	Devices Bluetooth, printers, mouse	e Android, Phone	Network & Internet	Personalization Eactground, tock sovers, colors
	E Apps Uninstall, defaults, optional Instances	Your accounts, email sync, AP	Speech, region, date	Garning Garne bac captures, broadcarting, Garne Mode	Ease of Access Narstor, magnifier, high contrast
	Search Trid my files, permissions	O Contana Enguige, permissions.	Privacy Location, cameral, microphone	Update & Security Windows Update, recovery, beckup	
🛢 ,Р ту	pe here to search	a o			∧ ₩0 4E 00 613,0019 □

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

← Settings	
ŵ Home	Bluetooth & other devices
Find a setting	+ Add Bluetooth or other device
Bluetooth & other devices	Bluetooth
B Printers & scanners	Now discoverable as "DESKTOP-ENDOKK4"
() Mouse	Show notifications to connect using Swift Pair
🕀 Touchpad	When selected, you can connect to supported Bluetooth devices quickly when they're close by and in pairing mode.
Typing	
I 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.

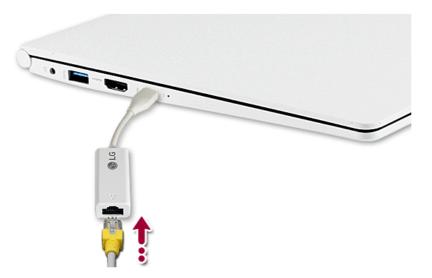
1 Connect the LAN adapter to the USB-C[™] port on the PC.

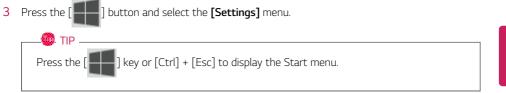
🐠 TIP -

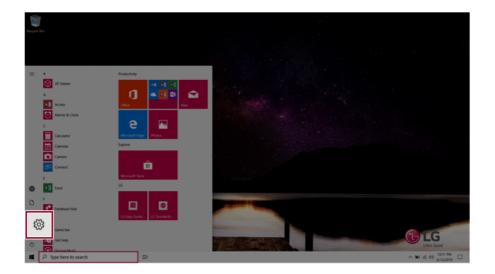
The recommended network cable for the optimal network environment is CAT5 or higher. The network (LAN) cable may be connected when the LAN adapter is used.



2 Connect the wired LAN cable to the LAN port.

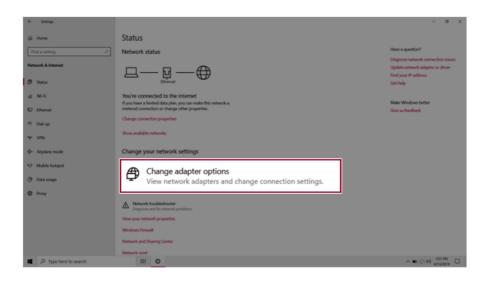




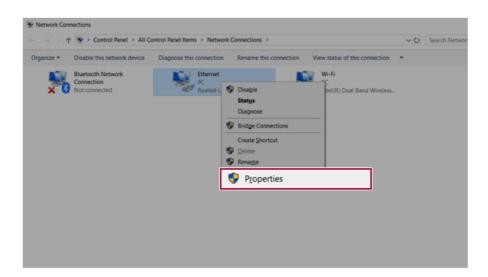


4 Select [Network & Internet] > [Status] > [Change adapter options].

Settings					- o ×
			Windows Settings		
		Finc	d a setting	R	
	System Display, sound, restifications, power	Devices Buetooth, printers, mouse	Phone Cons your Ands	Network & Internet Wi-Fi, airplane mode, VPN	ation 6. lock somen, colors
	E Apps Uninstal, defaults, optional	Accounts Your accounts, email, sync.	Speech, repion, date	🥌 Game bar, captures. 😽 Nam	toess tor, magnifier, high
	features	work, family		broadcasting. Game Mode contr	ad
	Search Find my files, permissions	O Cortana Contana language, permasions, notifications	Privacy Location, camera, microphone	C Update & Security Windows Update, recovery, beckup	
4 ,P 1	ype here to search	a o			∧ 100 ± 00 ±211 PM



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



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

Ethernet 2 Properties	\times
Networking Sharing	
Connect using:	
Reatek USB FE Family Controller #2	
Configure This connection uses the following items:	e
Clent for Microsoft Networks Bend Printer Sharing for Microsoft Networks OS Packet Scheduler	^
Internet Protocol Version 4 (TCP/IP)	v4)
Link-Layer Topology Discovery Mapper I/O Driver And American Ameri	~
<	>
Instal Uninstal Prop	erties
Description	
Transmission Control Protocol/Internet Protocol. The defa wide area network protocol that provides communication across diverse interconnected networks.	st
ОК	ancel

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.

ieneral	Alternate Configurat	ion			
this cap	n get IP settings assign ability. Otherwise, yo appropriate IP setting	u need to ask			
٥٥	btain an IP address au	tomatically			
OU	e the following IP add	ress:			
IP at	idress:				
Subr	iet mask:				
Defa	ult gateway:				
	btain DNS server addr	ess automatic	ally		
Ou	e the following DNS se	erver address	es:		
Pref	erred DNS server:				
Alter	nate DNS server:				
	alidate settings upon (exit		Adv	anced

- 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.

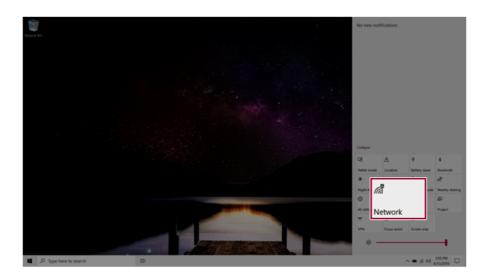
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

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 -

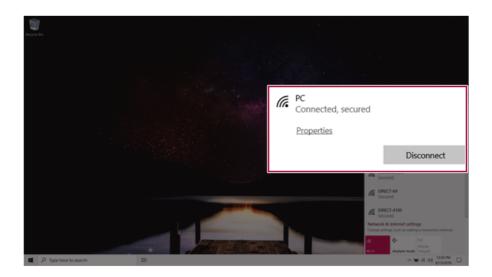
If Wi-Fi is turned off, press the [Wi-Fi] tile.

Wi-Fi
Turn Wi-Fi back on
Manually
Network & Internet settings as making a connection metered.
Wi-Fi

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

Regist fits.		
		C PC Secured
		Connect automatically
		Connect
		IR secure Secure Secure
		Discrete Secure Heaves & Information Charges strategy and an analogy accession instruct.
P Type here to search	H H	at 1) Applane mode Induct Applane mode Induct Applane mode Induct Applane mode Induct

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.

Micro SD Slot

Checking Available Memory Card

This model supports Micro SD memory cards.

• Directly applicable memory cards

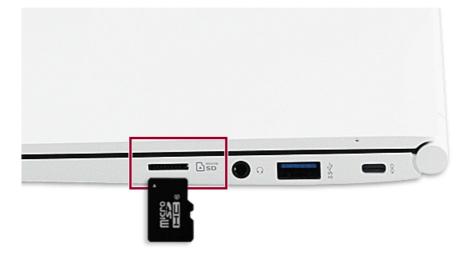


micro SD

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.

<section-header><text><text><text><text><image><image>

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.



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].

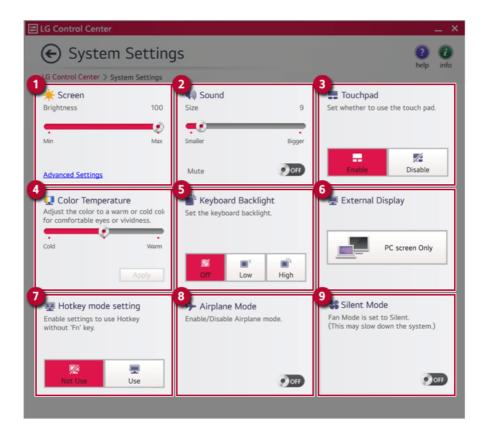
EG Control Center	l Cei	nter			
3 System Settings Configures various computer functions.	>	Power Management Sets the Power Mode of the computer.	>	automaticall	Booting at the system will y boot up, when you notebook computer.
ENERGY STAR		Set USB-C™ Charging Battery State 5 Windows Security	>	-	Information
Screen	*	Configures the User Account and Firewall option.		Operating System	Microsoft Windows 10 64-bit
Sound Network Hardware		Enable Firewall User Account Setting	3	Processor View More	Intel(R) Core(TM) i7-1065G7 CPU @ 1.30GHz

- 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

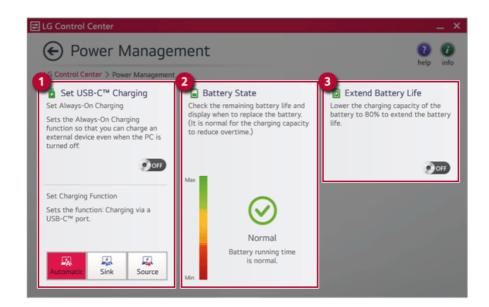
You can use this screen to configure various devices in your PC.



- 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.



- 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.

🚼 LG Contro	ol Cei	nter		help
System Settings Configures various computer functions.	>	Power Management Sets the Power Mode of the computer.	>	Instant Booting Set up so that the system will automatically boot up, when you open up the notebook computer.
enurt		Set USB-C [™] Charging Battery State	8	01(
ENERGY STAR		Windows Security	>	System Information
Screen	•	Configures the User Account and Firewall option.		Operating Microsoft Windows 1 System 64-b
Sound	(Processor Intel(R) Core(TM i7-1065G7 CPU (
Network	\rightarrow	Enable Firewall	¢۲	1.30GF
45		User Account Setting		View More

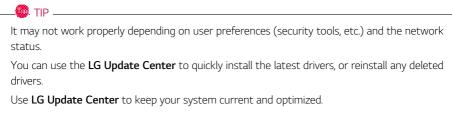
FAQ

Q: Battery status displays "Warning".

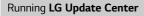
• The battery is a consumable item and its lifespan may decrease depending on the usage frequency and environment. It is recommended that you visit the LG Electronics service center to have the battery replaced.

LG Update Center

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



The figures herein are subject to change without prior notice.



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

LG Update Center LG Update Center	iter			P info
Required Update >	All List	>	Notification Settin	ng >
Checking the required items in the update list.	Check all current installa items that need to be up		Set the notification and notifica cycle for new installations and updates.	ition
	Driver :	1 Case		
	Application :	0 Case	Q Auto Update Search :	On
	🔌 Windows patch :	0 Case	Cycle :	
★ Required Update : 1 Case	🛃 Installed :	21 Case	Dail	y 12:00

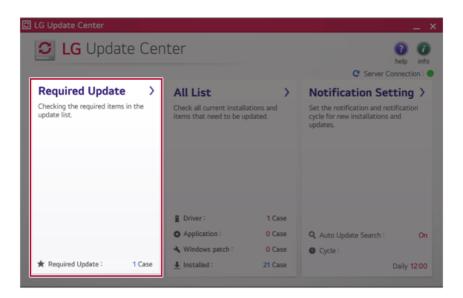
- 1 Minimize/Exit Button: Minimizes the size of the window, or exits the software.
- 2 help/info Button: Runs Help or displays information about the software.
- 3 Required Update: Installs critical items that must be applied to the system.

- 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.



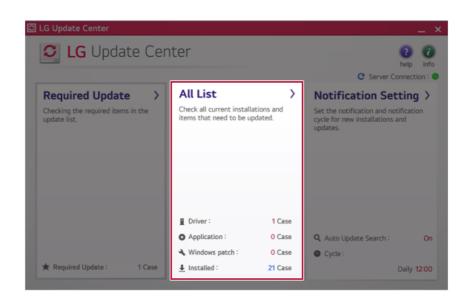
2 When the **Required Update** list appears, select the updates to install and press the [Installation] button.

LG Update Center	
€ Required Update	0 0
LG Update Center > Required Update	help info
Unselect All	C Server Connection :
BIOS Update Version : W1ZD1210	
Driver	
1item(s) has/have beenselected.	Installation
1item(s) has/have beenselected.	Installation
	Installation
1item(s) has/have beenselected. TIP items are selected by default.	Installation

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.

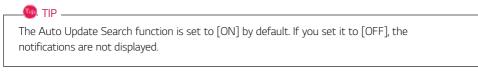
Update needed. LG Update Center > All List > Update needed.	help in
Unselect All	C Server Connection
BIOS Update Version : W1ZD1210	
Driver	

- TIP —

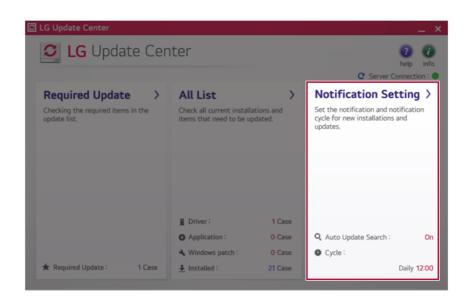
All items are selected by default.

Notification Setting

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



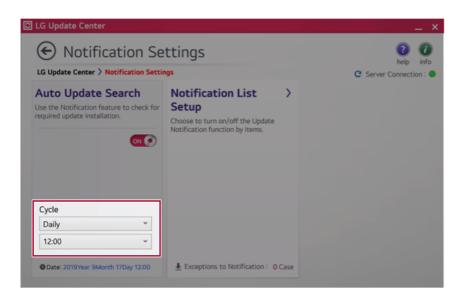
1 Select the [Notification Setting] menu.



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

🖸 LG Update Center			_ × _
Notification Settings LG Update Center > Notification Settings		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			C Server Connection : 🔘
Auto Update Search Use the Notification feature to check for required update installation.	Notification List Setup Choose to turn on/off the Update Notification function by items.	>	
Cycle			
Daily			
Date: 2019Year 9Month 17Day 12:00	Exceptions to Notification : 0 (Case	

3 Set the [Cycle].



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

FAQ

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

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

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

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

Q: I want to hide the update notifications.

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

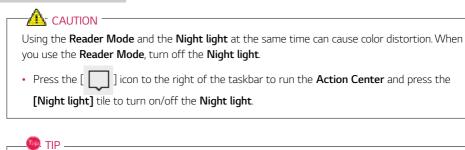
Q: How can I update the items that are excluded from the notification list?

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

LG Reader Mode

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

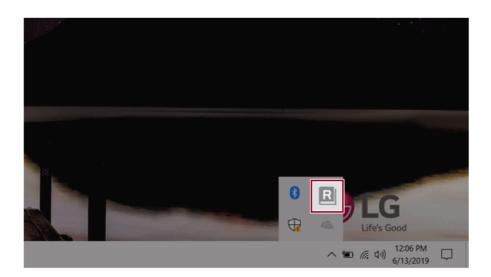
Using LG Reader Mode



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**.

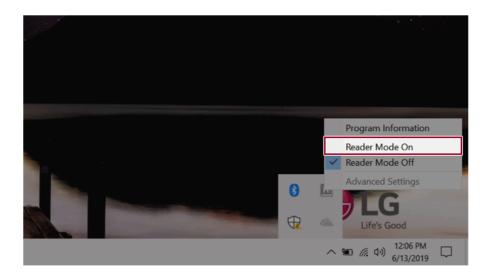
1 Press the [R]] icon on the taskbar.

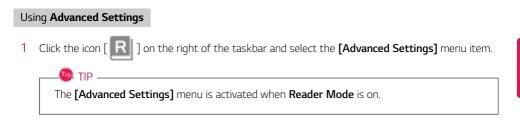


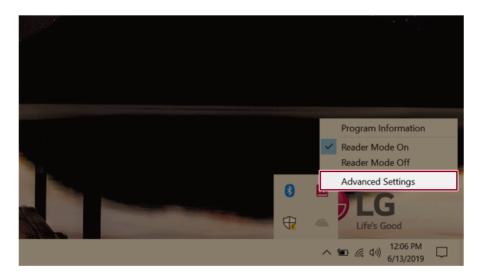
🔘 TIP _____

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] windows appears.

Advanced Settings ×				
1 SYSTEM BRIGHTNESS		50		
Color Adjustment	Brightness	20		
	Contrast	50		
	Gamma	1.0		
	3 Reset OK	Cancel		

- 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 [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.

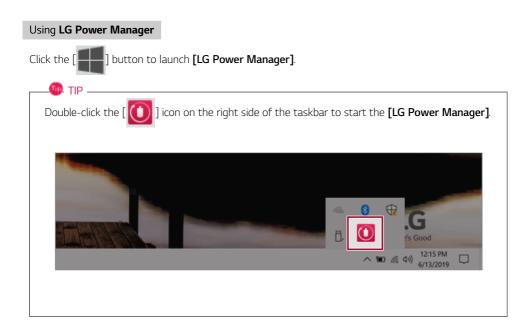
LG Power Manager

👊 tip _

LG Power Manager allows you to configure the power settings according to the usage environment to manage the battery efficiently.

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.



	n
LG Power Manager	? <u> </u>
94% Battery in use Image: setting	User Hibernate Mode User Hibernate Mode Display Off Time 4minutes. Display Off Time 4minutes. Duration until Hibernate 4minutes. Oration until Hibernate 4minutes. Papes using a lot of battery power (for the past 24 hours). Windows Explorer Us Control Center Console Window Host

- 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.

ENGLISH

TIP				
LG Power Manager is set to run automatically when running Windows.				
You can change the Autorun setting	s by right-clicking the [🚺] icon on the right side of the			
taskbar and selecting the [Run autor	natically when starting the Windows] menu.			
	Open LG Power Manager			
	User Hibernate Mode : None			
×	Run automatically when starting the Windows			
	Version Exit			
	Life's Good			
	へ 🐿 🧖 (小) ^{12:06} PM 🖵			

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.

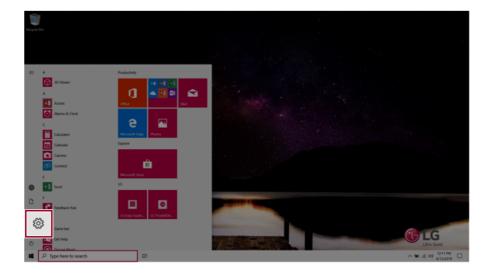


If you have deleted the restoration data in the protected area of the disk, or have arbitrarily installed another operating system, the restore function may not work.

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



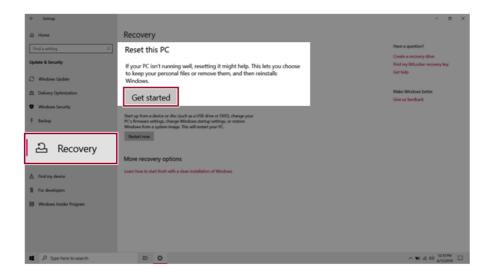
] button and select the [Settings] menu.





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	
Removes apps and settings, but keeps your personal files.	
Remove everything Removes all of your personal files, apps, and settings.	
	Can

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 settings.

2 Check the current settings.

1	
5	Reset this PC
	Additional settings
	Current settings:

Restore apps and settings which came with this PC

Change settings	

Get help

Back

Next

Cancel

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

Reset this PC			
Additional settings			
Current settings:	- 00		
Restore apps and settings which came with thi	IS PC		
Change settings			
<u>Get help</u>	Back	Next	Cancel

R	eset this PC		
	Choose settings		
	Preinstalled apps Restore apps and settings which came with this PC		
	On		
		Confirm	Cancel

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

Reset this PC				
Additional settings				
Current settings:				
Restore apps and settings which car	ne with this PC			
Change settings				
	Bac	k 🚺	Vext	Cancel

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].

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.

Cancel

2 Check the current settings.

Reset this PC	
Additional settings	
Current settings:	
 Just remove your files. This is quicke 	r, but less secure
Remove all files only from the drive	where Windows is installed
Change settings	
<u>Get help</u>	Back Next Cancel

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

Reset this PC		
Additional settings		
Current settings: • Just remove your files. This is quicker, but less	secure	
Remove all files only from the drive where Win Change settings	ndows is installed	
	Back Next Cancel	

R	eset this PC	
	Choose settings	
	Data erasure	Data drives
	Just remove your files. This is quicker, but less secure	Remove all files only from the drive where Windows is installed
	Off Off	Off
		Confirm

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

Reset this PC	
Additional settings	
Current settings:	
Just remove your files. This is qu	
Remove all files only from the d	ve where Windows is installed
Change settings	
<u>Get help</u>	Back Next Cancel

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].

C LG Update (Cer	nter		💽 🄇 help 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 : C
		🔦 Windows patch :	0 Case	Cycle :
★ Required Update : 1 Ca	se	Installed :	21 Case	Daily 12:0

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



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.

Reboot the system and press [F2]. 1



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

			Phoenix S	ecureCo	re Tecl	nnology Set	tup		
Main	Ĥ	lvanced	Security) Ba	ot	Exit			
	Time	[09/26/2 [12:00:0 mation						lten Specific H set system date.	elp
		elp †↓ xit ↔	Select Item Select Henu		_	Values Sub-Henu	F9 F18	Setup Defaults Save and Exit	

Keys Used in System Setup

Keys	Function	
Enter	Selects the current item.	
Esc	To deselect the current item or to move to the previous screen.	
▲, ▼, ◄, ► (Arrow keys)	Moves the cursor up, down, left, and right.	
+, Increases or decreases the item value.		
F10	Saves the new settings or exits the system setup.	

Setting the Password

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

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

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

CAUTION

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

Set Supervisor Password

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

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

Phoenix SecureCore Technology Setup					
Main	Advanced	Security	Boot	Exit	
► Secure Boo	t Configurat	ion			Item Specific Help
	Password is		ed		Set or clear the Supervisor
	isor Passwor				account's password.
User Pass		Clear			
Set User F	assword	[Ente	9°]		
Password o	n boot:	[Disa	bled]		
SSD01 Pass	word State	Clear	ed		
Set SSD01	Password	[Ente	r]		
	atform Modul lected TPM D puration]		
F1	Help ↑↓	Select Item	•/- Char	ge Values	F9 Setup Defaults
ESC	Exit ↔	Select Henu	Enter Sele	ct 🕨 Sub-Hei	nu 🛛 🕅 Save and Exit

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.

Notice	
Changes have been saved. [<mark>OK</mark>]	

- 5 To save the changes in the system setup, press [F10].
- 6 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.



🔘 TIP .

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

Set User Password

The password set by the **Set User Password** process is lower in level than that set by the **[Set Supervisor Password]** process, and so the user can use the **[Set User Password]** only after setting a password in the **[Set Supervisor Password]** menu.

- 1 After opening the system setup screen, use the arrow keys to move to [Security].
- 2 When the Security item appears, press the [Enter] button in the [Set User Password] menu.

Ph	up		
Main Advanced Se	curity B	oot Exit	
 Secure Boot Configuration Supervisor Password is: Set Supervisor Password User Password is: Set User Password Password on boot: SSD01 Password State Set SSD01 Password 	Set [Enter] Cleared [Inter] (Disabled] Cleared [Enter]		Iten Specific Help Set or clear the User account' s password.
Trusted Platforn Module (TP Current Selected TPM Device ▶ TPM Configuration			
	t Item +/- t Henu Enter	Change Values Select 🕨 Sub-Henu	F9 Setup DeFaults F10 Save and Exit

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.

Set User Password				
Enter New Password Confirm New Password	[]		

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

Notice	
Changes have been saved. [<mark>OK</mark>]	

- 5 To save the changes in the system setup, press [F10].
- 6 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.



🔘 TIP .

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

Password on boot

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

- 1 After opening the system setup screen, use the arrow keys to move to [Security].
- 2 When the **Security** item appears, set a password for **[Set Supervisor Password]** or passwords for both **[Set Supervisor Password]** and **[Set User Password]**.

Phoe	nix SecureCore Techn	ology Setup
Main Advanced Sec	urity Boot E	xit
Nain Hubble Sec > Secure Boot Configuration Supervisor Password is: Set Supervisor Password User Password Is: Set User Password Password on boot: SSD01 Password Set SSD01 Password Trusted Platform Module (TPM) Current Selected TPM Device	Set [Enter] Set [Enter] (Enter] [FTPM]	Iten Specific Help Set or clear the User account' s password.
► TPM Configuration F1 Help ↑↓ Select ESC Exit ↔ Select		alues F9 Setup Defaults • Sub-Henu F10 Save and Exit

3 The popup screen will show up, after selecting **[Password on boot]** and press [Enter]. After selecting **[Enabled]** and press [Enter], **[Password on boot]** will be complete.

Main	Advanced	Security	Boot	Exit	
Secure 8	oot Configurati	ion			Item Specific Help
Supervis Set Supe User Pas Set User Password SSD01 Pa	or Password is ruisor Password sword is: Password on boot: ssword State 1 Password	: Set	 	ב	Enable/Disable User Authenticati Prompt on boot.
Current	Platforn Modul Selected TPM D iguration				
F1	Help †1	Select Item	/- Chang	e Values	F9 Setup DeFaults

Set SSD Password / NVMe[™] Password

🚳 TIP -

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

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

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

For models with two **SSD** or NVMe[™] devices, you can set a password for each device. If you set passwords for both, the password input window will appear twice during booting.

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

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

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

Phoenix SecureCore Technology Setup					
Main	Advanced	Security	Boot	Exit	
		1			Item Specific Help
► secure B	oot Configurat	100			
Supervis	or Password is	: Set			Set SSD01 Password.
	rvisor Passwor		r]		
User Pas	sword is:	Set	-		
	Password	[Ente			
Passvord	on boot:	[Enab	led]		
SSD01 Pa	ssword State	Clear	red		
26C 22D0	H Passvord	[Ente	[]		
Trusted	Platform Modul Selected TPM D	e (TPN)			

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.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
Enter New Password Confirm New Password	[]		

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.

Setup Confirmation				
Save configuration	changes	and [No	_	now?
			1 - C	



If you forgot SSD Password/NVMe[™] Password, you cannot restore the SSD/NVMe[™].

• The replacement of SSD/NVMe[™] due to a forgotten **SSD Password**/NVMe[™] **Password** is not covered by warranty.

Changing or Deleting the Password

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

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

Changing the Password

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



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

Deleting the Password

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



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

Item Specific Help
Set or clear the Supervisor
account's password.

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].

Set Supervisor Pa	ssword
Enter Current Password Enter New Password Confirm New Password	[****] []

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



- 6 To save the changes in the system setup, press [F10].
- 7 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.



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

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



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

TIP
Depending on the model, the menu name may be displayed as SSD Password, NVMe™
Password, etc.
For a model equipped with two SSD NIVMetM devices the mapy name may be displayed as

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

Main	Advanced	Securit	iy Bo	ot I	Exit		
Secure Bo	ot Configura	tion					ltem Specific Help
Set Super User Pass Set User Password SSD01 Pas Set SSD01 Trusted P	Password on boot: <u>sword State</u> Password latforn Hodu elected TPM	rd [E Se [E [E <u>Se</u> [LE Le (TPH)	nter] t nter] nabled]			Set SSD	01 Password.

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

***********	xxxx	
Enter Current Password Enter New Password	[]
Confirm New Password	[]

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



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



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

7 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.



Restoring the Factory Default Settings

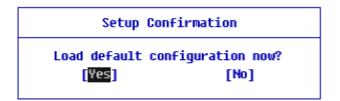
If you have changed the system setup by mistake, you can restore the default settings.

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

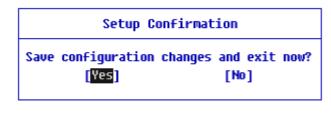
- 1 After opening the system setup screen, use the arrow keys to move to [Exit].
- 2 Click **[Load Setup Defaults]** by using the arrow keys and pressing [Enter].

		P	Phoenix Se	cureCo	re Tecl	nology	Setu	ab di	
Main	Advan	ced S	Security	B	oot	Exit			
Exit Sau Exit Dis Load Set	ving Chan scarding tup Defau Changes	ges Changes]		<u> </u>	lten Specific Help o F9. Load standard default
F1			ect Item ect Henu	+/- Enter	Change	Values Sub-	Henu	F9 F10	Setup DeFaults Save and Exit

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



5 When the **Setup Confirmation** screen appears, check **[Yes]** and press the [Enter] key. The PC will restart.





• 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.

	Advance	d Security	Boot	Exit	
2. 1 3. 6 4. 6 5. 1 7. 1 8. 1	iority Order SB CD: TA HDD1: XX: TA HDD2: UWHe1: UWHe2: SB HDD: SB HDD: SB FDD: SB LAN:				Iten Specific Help Keys used to view or configure device: î and L arrows Select a device. '* and '-' move the de up or down. 'Shift + 1' enables disables a device. 'Del' delecte unprotected device.

4 Press the [F10] key, and when the **Setup Confirmation** screen appears, select **[Yes]** and press the [Enter] key.



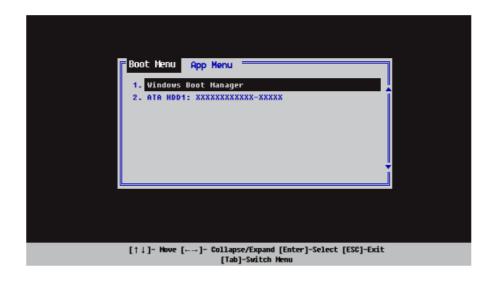
5 The changes are saved and the system reboots.

Selecting a Booting Device to Use

1 Reboot the system and press [F10].



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



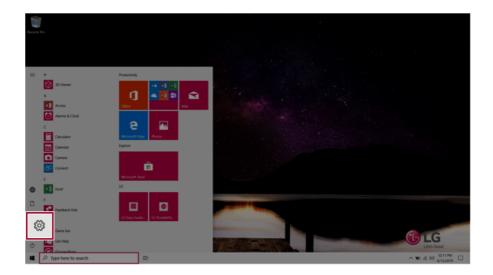
3 Boots using the selected device.

Windows 10 Auto Scaling

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

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

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



2 Select [System] > [Display].

Settings				- o ×
		Windows Settings		
	Find a	a setting	R	
System Display, sound, notifica	tions,	Conk your Android, iPhone	Network & Internet 10-FL alphane mode, VPN	Personalization Eactpound, lock somer, solers
over	* muri dessentes, dimites (griss, secrit, filmely	Speech, region, date	Gaming Game bar, coptures, broadcasting, Game Mode	Ease of Access Namatoc magnifier, high context
Search 7rid my files, permessions	Cortana Cortana language, permissions, notifications	Privacy Escation, camera, microphone	Update & Security Windows Update, recovery, backup	
P Type here to search	# 0			∧ NO # 00 1211 PM 6/13/0010

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

← Settings		- a x
	Display	
Find a setting 2	Brightness and color Owner brightness for the built in display	Sleep better Night light can help you get to sleep by displaying warner colors at night, Select Night light settings to set things up.
C Display	Night light CH	
08 Sound	Night light settings	Have a question? Set up multiple monitors
 Focus assist 	Windows HD Color	Change screen brightness Fix screen flickering Adjust fort size
O Power & sleep	Get a bighter, more-thorard picture in HOR and WCS videos, games, and apps on the display selected above. Windows HD Color settings	Get help
Battery		Make Windows better
🖙 Storage	Scale and layout	Give us feedback
C8 Tablet mode	Change the size of text, apps, and other items	
E! Multitasking	150% (Recommended)	
D Projecting to this PC	150% (Recommended)	
X Shared experiences	Display orientation	
1 Clipboard	Landscape V	
y ^C Remote Desktop	Multinla riteralane	
P Type here to search		∧ 100 at 00 1009 PM □

_____0 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 Select the [] button > [LG Software] to run [LG Control Center].
- 2 On LG Control Center screen, change the [Instant Booting] setting to [ON].

LG Control Center	ol Ce	nter		-
System Settings Configures various computer functions.	>	> Power Management Sets the Power Mode of the computer.		Instant Booting Set up so that the system will automatically boot up, when you open up the notebook computer.
		Set USB-C [™] Charging	â	
energy		Battery State		ON
ENERGY STAR		Windows Security	>	System Information
Screen		Configures the User Account and Firewall option.		Operating Microsoft Windows 10 System 64-bit
Sound	(Processor Intel(R) Core(TM) i7-1065G7 CPU @
Network	\rightarrow	Enable Firewall	۲	1.30GHz
Hardware 😽	12 ==	User Account Setting	2	View More

- 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.

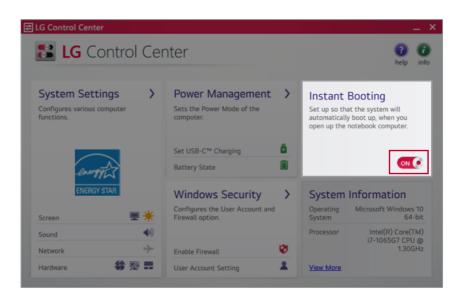
FAQ

1

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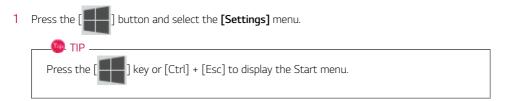


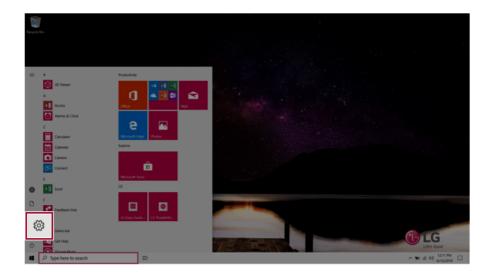
- 3 Shutdown the system and close the notebook PC cover.
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Windows 10 Auto Scaling

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





2 Select [System] > [Display].

Setting	p.										-	٥	×
						W	/indows Settings						
						Find a setting		P					
	旦	System Display, sound, notifi	cations	i,	ouse	۵	Phone Link your Android, iPhone	۲	Network & Internet 105-Fi, aigitane mode, 1/FN	ø	Personalization Background; lock screen, colors		
l		power winnetals, personal features		rour accounts, em work, family	n; iyn;	*	Time & Language Spench, region, date	8	Gaming Game bar, captures, broadcanting, Game Mode	ው	Ease of Access Narrator, magnifier, high contrast		
	Q	Search Find my files, permissions		Cortana Cortana language, cotifications	permissions.	۵	Privacy Sociation, camera, microphone	C	Update & Security Windows Update, recovery, beckup				
4	,P Type here	to search	□ 1	0							12 (0) In OF ~	11 PM	Q

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

 Settings 		- 0 X
	Display	
Find a setting	Brightness and color Charge brightness for the built in display	Sleep better Night light can help you get to sleep by displaying warmer colors at night, Select Night light settings to set things up.
🗢 Display	Night light	
00 Sound	Ngleligtesetings	Have a question?
Notifications & actions		Set up multiple monitors Change screen brightness
ر Focus assist	Windows HD Color	Fix screen flickering
🗇 Power & sleep	Get a brighter, more vibrant picture in HDR and WCG videox, genner, and appear on the display selected above. Windows HD Color settings	Adjust fort size Get help
C Battery		Make Windows better
🖙 Storage	Scale and layout	Give us feedback
Tablet mode	Change the size of text, apps, and other items	
Multitasking	150% (Recommended)	
△P Projecting to this PC	150% (Recommended)	
X Shared experiences	Digity orientation	
(D) Clipboard	Landsope V	
y Remote Desktop	Multinia dievisoe	
P Type here to search	D	> 10 di 00 4/10009 □

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

🐠 TIP –

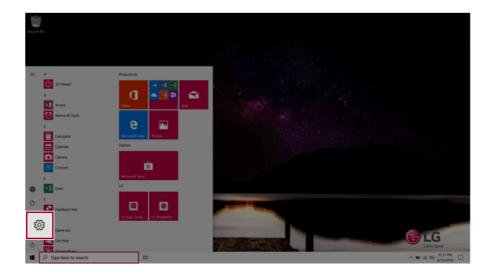
Restoring the System

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.

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.

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.
Cancel

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 settings.

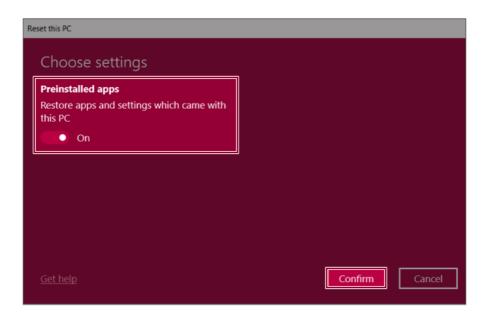
Cancel

2 Check the current settings.

Reset this PC				
Additional	settings			
Current settings:				
Restore apps ar	nd settings which cam	e with this PC		
Change settings				
<u>Get help</u>		Back	Next	Cance

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

Reset this PC			
Additional settings Current settings: • Restore apps and settings which came with this Change settings	s PC		
	Back	Next	Cancel



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

Additional setting	gs		
Current settings:			
Restore apps and setting	gs which came with	this PC	
Change settings			

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].

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.

Cancel

2 Check the **current settings**.

Additional s	<u> </u>			
Current settings:	ır files. This is quicke	er, but less secu	ire	
	only from the drive			
Change settings				

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

Reset this PC	
Additional settings	
Current settings: • Just remove your files. This is quicker, but less	secure
Remove all files only from the drive where Win Change settings	ndows is installed
<u>Get help</u>	Back Next Cancel

R	eset this PC	
	Choose settings	
	Data erasure	Data drives
	Just remove your files. This is quicker, but less secure	Windows is installed
	Off	Off Off
		Confirm

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

Reset this PC				
Additional settings				
Current settings: • Just remove your files. This	s quicker, but le	ss secure		
Remove all files only from the second s	ne drive where W	/indows is installed	ł	
Change settings				
<u>Get help</u>		Back	Next	Cancel

Connecting to External Display

👊 TIP _____

Connecting to the HDMI Port

D. TIP ——

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.

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.

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



- 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.

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

Using a Wired/Wireless Router

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

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

Network speed can differ according to operation environment and specifications.

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

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

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

Wireless LAN

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

Turning On/Off Airplane Mode

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

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

Using the Wireless LAN

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

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

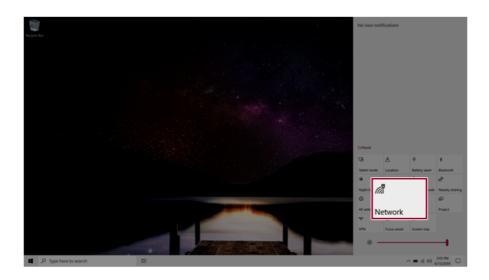
In case there are no accessible wireless networks (Wireless LAN) near the PC, no Access Points may be found.

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

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



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





🐠 TIP -

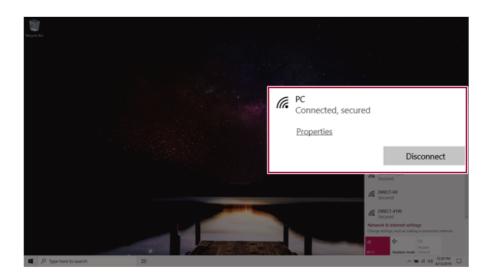
If Wi-Fi is turned off, press the [Wi-Fi] tile.

Wi-Fi <i>(iii</i>
Turn Wi-Fi back on
Manually
Network & Internet settings as making a connection metered.
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3 Select the Access Point you want to connect to and press [Connect].

bergen Bo		
	PC Secured	Connect
β Type Here to search	Charge utilitys	69

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.