



OWNER'S MANUAL

NOTEBOOK

For the safe and convenient use of the product, please read this owner's manual before use.

16T90Q Series



MFL71881925

www.lg.com

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Precautions before Product Use

For the convenience of users, LG PC Manuals are provided in an electronic format.

The images in the owner's manual may differ depending on the language selected and are subject to change without prior notice.

Any malfunction in the built-in solid state drive (SSD) may result in loss of stored data. You must back up all critical user data to an external storage device (USB HDD, memory card, etc.).

If you shut the system down before it is completely loaded, the product may not shut down properly. Shut down the system after it is completely loaded. (It takes about one or two minutes to completely load the system and may vary depending on the conditions.)

For more information on how to use the product, refer to the LG Easy Guide of the LG PC Manuals.

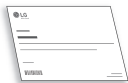
Checking the Components

The components shown below are provided when you purchase the product. Check the components before use.

- When cleaning the product, use a cleaning agent dedicated to the PC. If you use thinner, benzene, alcohol or other similar agent, the product may be damaged or deformed.



PC Main Body



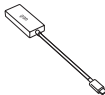
Owner's Manual



AC Adapter



Power Cable



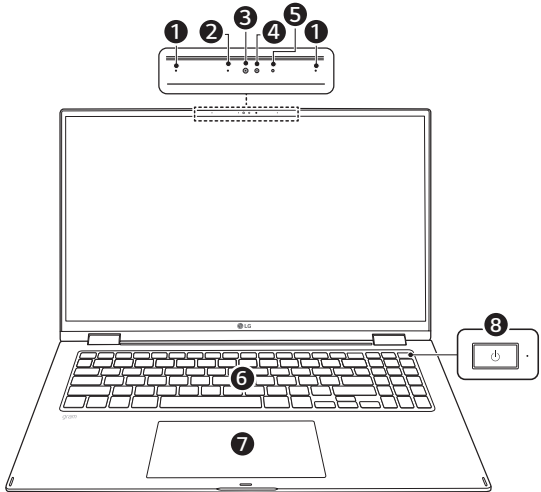
HDMI Adapter



Stylus Pen

Product Tour

Front



- | | |
|-------------------------|--|
| ❶ Built-in Microphone | ❺ IR LED |
| ❷ Operation Status Lamp | ❻ Keyboard |
| ❸ Webcam | ❼ Touchpad |
| ❹ IR Camera | ❽ Power Button [] |

NOTE

- You can use hot keys to use Windows more conveniently. For details, refer to the LG Easy Guide of the LG PC Manuals.

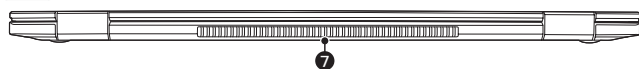
Left



Right



Back



- | | |
|--|--|
| ① Headphone Port
(4-pole Ear Microphone Port ¹) | ④ microSD Card Slot |
| ② USB-C™ Port ²
(USB 4.0 Gen 3x2 / Thunderbolt™ /
Can connect to a LAN adapter /
HDMI Connectable Port / Power Port) | ⑤ Sleep Button |
| ③ Built-in Speakers | ⑥ USB Port (USB 3.2 Gen 2x1 ³) |
| | ⑦ Vent |

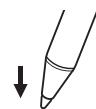
- The 4-pole ear microphone port supports US 4-pole standards, but not the European 4-pole ear microphone.
When using ear microphone (or Bluetooth headset), audio input and output are directed to the connected device and the microphone and speaker on PC do not work. The 4-pole ear microphone port does not support external microphone.
- Depending on the specifications of the device connected to the USB-C™ port, it acts as a USB or Thunderbolt™ port.
The USB-C™ port provides Quick Charging and Always-On Charging functions for devices that support USB PD (Power Delivery).
- 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. Devices that are not authorized with USB may not operate normally when connected to the USB port.
The transmission speed of a USB port may differ depending on the type of storage device (NVMe™, SSD, HDD, etc.) in the system and the connected USB device.

Using Stylus Pen

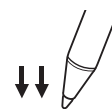
The buttons on the stylus pen work similar to those of a mouse.

NOTE

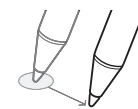
- You need to apply some pressure to use the stylus pen.
- Depending on the application used, the button operation of the stylus pen may be different.
- When the stylus pen is idle for more than 10 minutes or the pen tip stays pressed for more than 4 minutes, the pen goes into a power saving mode in order to conserve battery.
- To leave the standby mode, simply touch the screen with the Stylus Pen or click the left or right button on the pen.
- For details on the Stylus Pen, refer to the LG Easy Guide of the LG PC Manuals.



Single click
(press once)



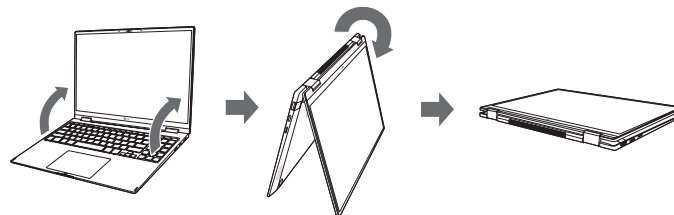
Double click
(press twice)



Drag (moving while
pressing down)

Using Tablet PC Mode

Unfold the notebook and rotate the LCD as shown in the picture to use it as a tablet PC.



CAUTION

- When packing or moving the product, close the LCD panel to protect it.
- Be careful not to pinch your fingers between the PC main body and the LCD panel.
- Do not rotate the LCD panel with excessive force. This may damage the hinge connecting the PC body and the LCD panel.
- In tablet PC mode, the keyboard faces the bottom of the product. Clean around the product to prevent the keyboard and PC body from being damaged.

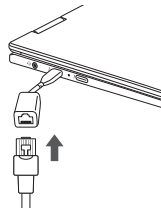
NOTE

- When rotating the product, the screen is rotated vertically or horizontally according to the current screen angle.
- To leave standby mode (LCD off), press the power button or sleep button.
- For details on tablet PC mode, refer to the LG Easy Guide of the LG PC Manuals.

Connecting LAN Adapter

To connect to the wired LAN, you must purchase a LAN adapter separately.

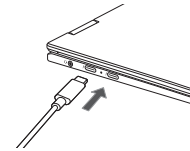
- 1 Connect the LAN adapter to the USB-C™ port on the PC.
 - The USB-C™ port can be used without having to differentiate between the top and bottom sides.
- 2 Connect the network cable (LAN) to the LAN adapter.
- 3 Check if you can connect to the Internet properly.



Power Connection

The AC adapter is used to power and charge the PC.

- Do not use any other AC adapter than the one that was provided when you purchased this product.
- 1 Connect an end of the cable to the AC adapter and the other end to a power outlet.
 - The AC adapter can be used from 100 V to 240 V.
 - 2 Connect the AC adapter jack to the PC USB-C™ port.
 - Ensure that the power jack linked to the AC adapter and product is connected firmly.




When the AC adapter is connected, the AC adapter lamp turns on.



Status	Power Lamp
White	When the AC adapter is connected and charging is complete.
Orange	When the AC adapter is connected and is charging.
Off	The AC adapter is not connected.

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

System Shutdown / Power Off

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

- Press the Start button [ / ] > Power button [] and select [Shut down].

Important Safety Precautions

Check the following 'Important Safety Precautions' to prevent unexpected danger or damage in advance.





'Important Safety Precautions' is divided into 'WARNING' and 'CAUTION'.






⚠ WARNING: Noncompliance with the instruction may cause serious physical damage or fatal injuries.

⚠ CAUTION: Noncompliance with the instruction may cause minor damage to the body or the machine.





While Using the Product

⚠ WARNING

	Use batteries certified and acknowledged by LG Electronics Inc. <ul style="list-style-type: none"> • Otherwise, an explosion or fire may occur. 		Keep the battery away from heat. <ul style="list-style-type: none"> • Otherwise, an explosion or fire may occur.
 140 °F	Avoid humidity and heat above 140 °F as in cars or saunas. <ul style="list-style-type: none"> • Otherwise, an explosion or fire may occur. 		If you find leakage or smell bad odor from the battery, contact the local service center. <ul style="list-style-type: none"> • Otherwise, an explosion or fire may occur.

	Do not use the product on top of carpet, blanket or bed. Also, do not put the adapter under the blanket. <ul style="list-style-type: none"> • The product may malfunction, cause a fire or burn the user due to temperature rise. 		Prevent the battery from coming in contact with any metallic object like a car ignition key or a paper clip. <ul style="list-style-type: none"> • Otherwise, this may cause damage to the battery, a fire or burn due to overheat in the battery.
	Do not leave the powered on product in a space without enough ventilation (i.e. bags) repeatedly or for an extended time. <ul style="list-style-type: none"> • The battery may overheat and cause a fire. 		Charge the battery only with the provided charger. <ul style="list-style-type: none"> • Otherwise, the battery may be damaged presenting a risk of fire.
		Do not excessively bend the AC adapter cable. <ul style="list-style-type: none"> • Otherwise, the wires inside the cable may break and cause an electric shock or fire. 	

Guide on Battery Usage

	When the PC is not used for an extended period of time, keep the battery level at about 50 % to increase the battery lifespan.		Use the Extend Battery Life function in the LG Smart Assistant. You can limit the battery charge to 80 % of the maximum charging capacity to increase the battery lifespan.
	To increase battery lifespan, use the battery for a while before charging it rather than keeping the battery completely charged.		If you don't use the product for a long time with the battery completely charged, the battery lifespan may decrease.

NOTE






- This product has a built-in battery pack. After purchasing your PC, be sure to charge the battery pack completely before using it for the first time.
 - The battery is a wearable good and thus the battery may not last as long as before after the battery has been used for a long time.
 - The internal battery cannot arbitrarily be removed or replaced. Removing it may void the warranty.
 - If you need to remove or replace the battery, visit a designated service center.
 - We charge a fee for removing or replacing the battery.



Pre-Tech Support Checklist



Troubleshooting






If the following symptoms appear while using the product, check again. It may not be a malfunction.

Symptom	Cause and Solution
Some of the Windows functions do not work normally or are not supported.	<ul style="list-style-type: none"> • Depending on the product, some of the Windows functions may not be supported, and you may need to purchase a separate hardware, driver, or software to use the functions. Also, you may need to update the BIOS additionally. The Auto Update function of Windows is always activated. Updating Windows may incur Internet usage fees as well as additional system requirements for the storage device or the hardware. For more information, refer to the website https://www.microsoft.com.
Part of LG Software is not installed.	<ul style="list-style-type: none"> • The UWP app provided by LG Electronics can be installed only through the Microsoft Store. Access Microsoft Store and search for the app to install it. For more information on the app, refer to LG Easy Guide of the LG PC Manuals.

Symptom	Cause and Solution
The screen color does not display properly.	<ul style="list-style-type: none"> • Check if Reader mode is on. When the Reader mode is on, turn the setting off. <ul style="list-style-type: none"> - Windows 10: Press the Start button [] to turn the [LG Smart Assistant] > [Display Setting] > [Reader Mode] settings off. - Windows 11: Press the Start button [] to turn the [All apps] > [LG Smart Assistant] > [Display Setting] > [Reader Mode] settings off. • Using the Reader mode and the Night mode at the same time can cause color distortion. Turn the Reader mode settings off or change the Night mode to [Off]. <ul style="list-style-type: none"> - Turning off the Windows 10 Night mode: Right-click the Start button [] and select [Settings] > [System] > [Display] > [Night light settings] > [Turn off now]. - Turning off the Windows 11 Night mode: Press the Start button [] and select Settings [] > [System] > [Display] > [Night light] > [Off]. • If the screen still does not properly display, contact the LG Electronics service center. <ul style="list-style-type: none"> - Reader mode controls the brightness and color of the LCD screen to look like printed paper and protect the user from eyestrain.
The power does not turn on.	<ul style="list-style-type: none"> • Check if the power cord is connected. • After disconnecting the power cord and reconnecting it, press the power button of the product.

Symptom	Cause and Solution
The system stops during use or does not properly turn off.	<ul style="list-style-type: none"> Press the power button for approximately 6 seconds to reset the system. Once the system is reset, press the power button again to turn on the computer. <ul style="list-style-type: none"> Caution: Unsaved data may be lost. Pressing the power button while the PC is in use may cause damage to the hard disk or a system error. After resetting the system, run "Setup Defaults" in the system setup. (For more information on how to run "Setup Defaults," refer to "Initializing System Setup" under "Setup and Upgrade" in the LG Easy Guide of the LG PC Manuals.)
The touchpad is not functioning properly.	<ul style="list-style-type: none"> Windows 10: Press the Start button [] and run [LG Smart Assistant]. Then press [Dashboard] > [Touchpad]. Windows 11: Press the Start button [] and run [All apps] > [LG Smart Assistant]. Then press [Dashboard] > [Touchpad]. If the touchpad does not function properly, the touchpad is either in the Touchpad Off (disabled) state or Touchpad Auto (disabled when the mouse is connected) state. <ul style="list-style-type: none"> For details on the touchpad settings, refer to the LG Easy Guide of the LG PC Manuals.

Symptom	Cause and Solution
Some websites do not work normally or are not displayed. (Internet Explorer)	<p>Windows 11 does not support Internet Explorer.</p> <p>Configuring Compatibility View</p> <ul style="list-style-type: none"> In Internet Explorer, click the [] icon and then select the [Compatibility View Settings] menu. <ul style="list-style-type: none"> Internet Explorer does not support the Compatibility View button in the address input box. When the Compatibility View Settings screen appears, type the website address and click [Add]. Click [Close] to close the Compatibility View Settings screen.
The wireless network is not connected.	<ul style="list-style-type: none"> Press [Fn] + [F6] to check if the wireless network device is turned off. <ul style="list-style-type: none"> Press [Fn] + [F6] to set airplane mode to [OFF]. Click the Wi-Fi [] icon on the right side of the taskbar and check if AP displays properly. Every time you press [Fn] + [F6], the wireless network and airplane mode turns on or off. You may not be able to connect to a secure wireless network. Ask the wireless network administrator. Reinstall the wireless LAN driver.

Symptom	Cause and Solution
I want to reinstall the driver.	<ul style="list-style-type: none"> Windows 10: Press the Start button [] and select [Windows System] > [Control Panel] > [View by] > [Small icons] > [Programs and Features]. Then remove the driver to be reinstalled. Press the Start button [], select and run [LG Update & Recovery]. Then, use the [Required Update] or [Update list] menu to reinstall the drivers. Windows 11: Press the Start button [] and then select Settings [] > [Apps] > [Apps & features]. Then remove the driver to be reinstalled. Press the Start button [], select and run [All apps] > [LG Update & Recovery]. Then, use the [Required Update] or [Update list] menu to reinstall the drivers.
An error message appears.	<ul style="list-style-type: none"> Check if the system is infected with a virus or a malicious code.

Appendix

Registered Trademark and Open Source Information

Microsoft™, MS™, WinPE™ and Windows® are registered trademarks of Microsoft Corporation™.

USB Type-C™ and USB-C™ are the trademarks of USB Implementers Forum.

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Battery take-back information

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

Supplier's Declaration of Conformity

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

MEMO

A large, empty, light gray rectangular area with rounded corners, intended for writing a memo. It occupies the majority of the page below the 'MEMO' header.

