

Optional Extras

Optional extras can be changed or modified for quality improvement without any notification. Contact your dealer for buying these items. These devices work only with certain models.

The model name or design may be changed due to the manufacturer's circumstances or policies.

Magic Remote Control

(Depending upon model!)

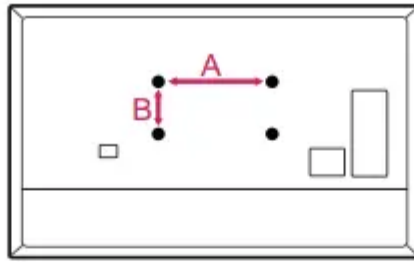
AN-MR19BA

Check whether your TV model supports Bluetooth in the Wireless Module Specification to verify whether it can be used with the Magic Remote.

Wall Mounting Bracket

(Depending upon model!)

Make sure to use screws and wall mount bracket that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table. enana



Model	43UM69* 43UM71* 43/50UM73* 50UM74* 50UM76*	49/55UM69* 49/55UM71* 55UM72* 49/55UM73* 55UM74* 55UM76*
VESA (A x B) (mm)	200 x 200	300 x 300
Standard screw	M6	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW240B MSW240	OLW480B MSW240

Model	60/65UM69* 60/65UM71* 60UM72* 65UM73* 65UM74* 65UM76*	70/75UM69* 70/75UM71* 70UM73* 75/82/86UM75* 75/82/86UM80*
VESA (A x B) (mm)	300 x 300	600 x 400
Standard screw	M6	M8
Number of screws	4	4
Wall mount bracket (optional)	OLW480B	LSW640B

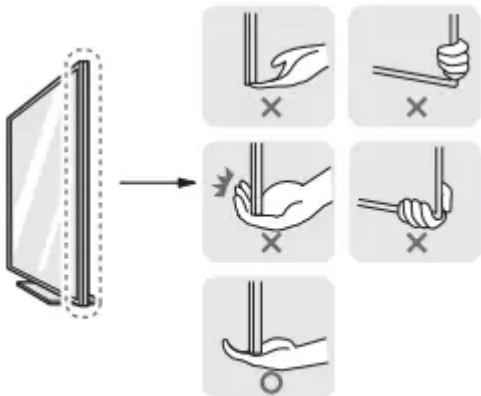
Lifting and moving the TV

When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size. It is recommended to move the TV in the box or packing material that the TV originally came in.

- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



- Hold the side and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grill area.



- When transporting a large TV, there should be at least 2 people
- When transporting the TV by hand, hold the TV as shown in the following illustration.



- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright, never turn the TV on its side or tilt towards the left or right.

- Do not apply excessive pressure to cause flexing / bending of frame chassis as it may damage screen.
- When handling the TV, be careful not to damage the protruding buttons.

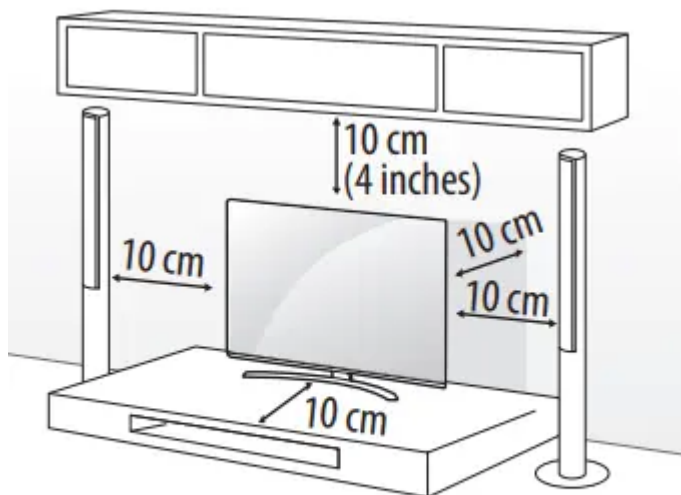
CAUTION:

- Avoid touching the screen at all times, as this may result in damage to the screen.
- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

Mounting on the Table

1 Lift and tilt the TV into its upright position on a table.

- Leave a 10cm (minimum) space from the wall for proper ventilation.



(Depending upon model)

2 Connect the power cord to a wall outlet.

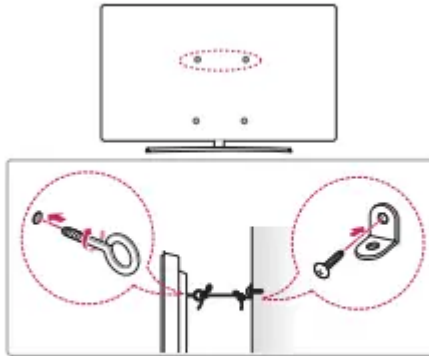
CAUTION:

- Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)
- If you install the TV on a stand, you need to take actions to prevent the product from overturning. Otherwise, the product may fall over, which may cause injury.
- Do not use any unapproved items to ensure the safety and product life span.
- Any damage or injuries caused by using unapproved items are not covered by the warranty.
- Make sure that the screws are inserted correctly and fastened securely. (If they are not fastened securely enough, the TV may tilt forward after being installed.) Do not use too

much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly.

- When installing on a cabinet or a shelf using a stand, make sure its width is greater than that of the TV.

Securing TV to the Wall



(Depending upon model)

1 Insert and tighten the eye-bolts, or TV brackets and bolts on the back of the TV.

- If there are bolts inserted at the eye-bolts position, remove the bolts first.

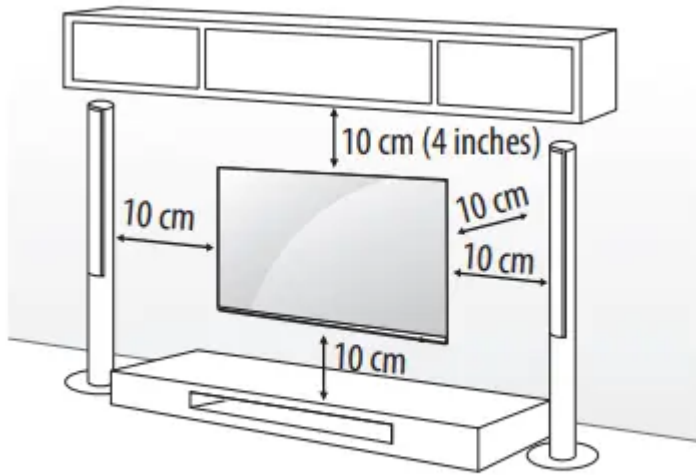
2 Mount the wall brackets with the bolts to the wall. Match the location of the wall bracket and the eye-bolts on the rear of the TV.

3 Connect the eye-bolts and wall brackets tightly with a sturdy rope. Make sure to keep the rope horizontal with the flat surface.

- Use a platform or cabinet that is strong and large enough to support the TV securely.
- Brackets, bolts and ropes are not provided. You can obtain additional accessories from your local dealer.

Mounting to the Wall

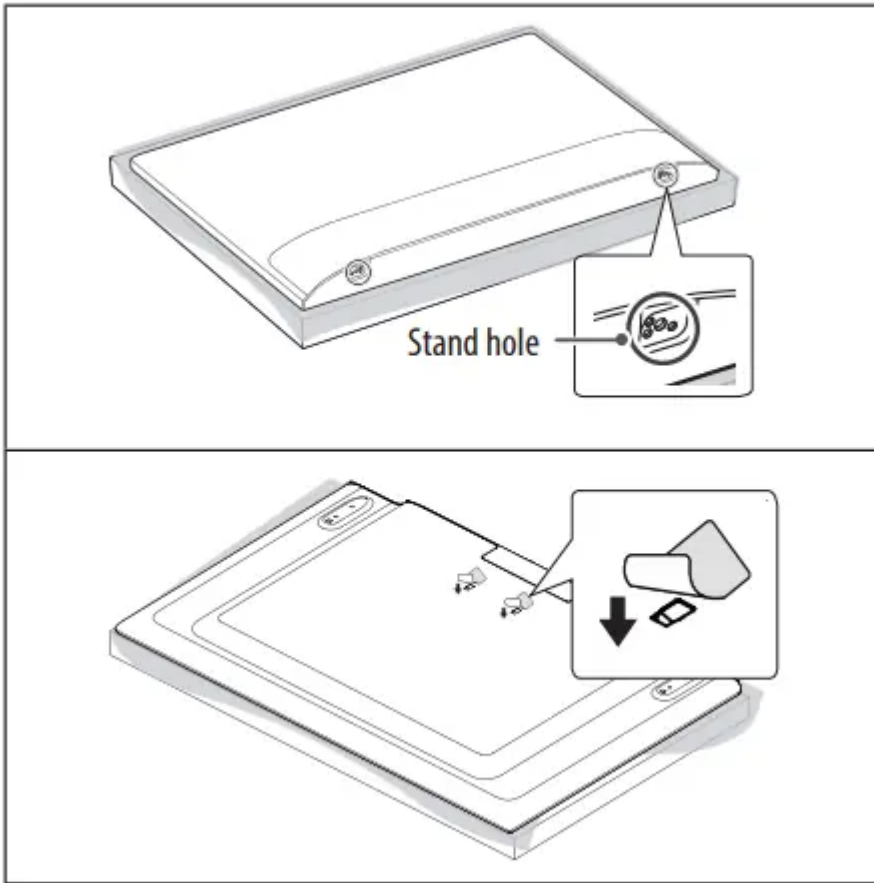
Attach an optional wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel. LG recommends that wall mounting be performed by a qualified professional installer. We recommend the use of LG's wall mount bracket. LG's wall mount bracket is easy to move with cables connected. When you do not use LG's wall mount bracket, please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices. It is advised to connect all the cables before installing fixed wall mounts.



(Depending upon model)

CAUTION:

- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.
- For more information of screws and wall mount bracket, refer to the Separate purchase.
- If you intend to mount the product to a wall, attach VESA standard mounting interface (optional parts) to the back of the product. When you install the set to use the wall mounting bracket (optional parts), fix it carefully so as not to drop.
- When mounting a TV on the wall, make sure not to install the TV by hanging the power and signal cables on the back of the TV.
- Do not install this product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall.
- When installing the Full Contact Wall Mount, the TV may not be contacted firmly against the wall due to some wall conditions.



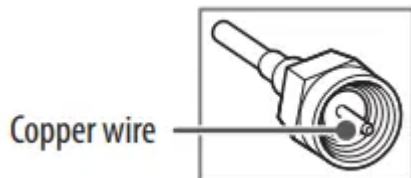
Connections

You can connect various external devices to the TV. For more information on external device's connection, refer to the manual provided with each device.

Antenna/Cable

Connect an antenna, cable, or cable box to watch TV while referring to the following. The illustrations may differ from the actual items and an RF cable is optional.

- Make sure not to bend the copper wire of the RF cable.



- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.
- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital

- This TV cannot receive ULTRA HD (3840 x 2160 pixels) broadcasts directly because the related standards have not been confirmed.

Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable.

HDMI

- When connecting the HDMI cable, the product and external devices should be turned off and unplugged.

- HDMI Audio Supported Format: (Depending upon model)

DTS (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz).


DTS HD (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz / 176.4 kHz / 192 kHz).

True HD (48 kHz).

Dolby Digital / Dolby Digital Plus (32 kHz / 44.1 kHz / 48 kHz).

PCM (32 kHz / 44.1 kHz / 48 kHz / 96 kHz / 192 kHz)

(Only UHD models)

-  → [Picture] → [Additional Settings] → [HDMI ULTRA HD Deep Color]
 - On: Support 4K @ 60 Hz (4: 2. 42:0)
 - Off: Support 4K @ 60 Hz 8 bit (4:2:0)

If the device connected to Input Port also supports ULTRA HD Deep Color, your picture may be clearer. However, if the device doesn't support it, it may not work properly. In that case, change the TVs [HDMI ULTRA HD Deep Color] setting to off.

~ This feature is available only on certain models which support HDMI ULTRA HD Deep Color.

External Devices

Available external devices are: Blu-ray player, HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.

NOTE

- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.
- If you record a TV programme on a Blu-ray/DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information of recording, refer to the manual provided with the connected device.
- Refer to the external equipment's manual for operating instructions.


- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the [Picture] menu until the picture is clear.
- In PC mode, some resolution settings may not work properly depending on the graphics card.
- If Ultra HD content is played on your PC, video or audio may become disrupted intermittently depending on your PC's performance. (Depending on model)
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable. (Only when port is provided.)

Using Button

You can simply operate the TV functions, using the button.








Basic functions

	<p>Power On (Press)</p> <p>Power Off ¹ (Press and Hold)</p> <p>Menu Control (Press ²)</p> <p>Menu Selection (Press and Hold ³)</p>
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- 1) All running apps will close
- 2) You can access and adjust the menu by pressing the button when TV is on.
- 3) You can use the function when you access menu control.

Adjusting the menu



When the TV is turned on, press the  button one time. You can adjust the Menu items using the button.

	Turns the power off.
	Changes the input source.
	Adjusts the volume level.
	Scrolls through the saved channels.

Using Remote Control


(Depending on model)


The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly


To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the  and  ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. This remote uses infrared light. When in use it should be pointed in the direction of the TV's remote sensor.


Make sure to point the remote control toward the remote control sensor on the TV.





 (POWER) Turns the TV on or off

 Returns to the last TV channel.


 (SEARCH) Shows the search mode


 Activates or deactivates the subtitles.

 (Q. Settings) Accesses the Quick Settings

 (INPUT) Changes the input source.

Number button Enters numbers.

 Accesses the [QUICK HELP].

 (DASH) Inserts a dash between numbers such as 2-1 and 2-2

LIST Accesses the saved channels list

••• (MORE ACTIONS) Displays more remote control functions.

QUICK ACCESS** * Edits QUICK ACCESS.


- QUICK ACCESS is a feature that allows you to enter a specified app or LiveTV directly by pressing and holding the number buttons.


+ VOL— Adjusts the volume level.


FAV Accesses your favorite channel list.

GUIDE Displays the program event according to time scheduler.


 (MUTE) Mutes all sounds


 (MUTE) Accesses the [Accessibility] menu.

 Scrolls through the saved channels.

 Moves to the previous or next screen

1 streaming Service buttons Connects to the Video Streaming Service


 Accesses the Home menu.

 Shows the previous history.

BACK Returns to the previous screen

EXIT Clears on-screen displays and returns to last input viewing.


Navigation button (up / down /left/right) Scrolls through menus or options.


 (OK) Selects menus or options and confirms your input.

 INFO Shows information on the current program.

SAP Enables SAP (Secondary Audio Program) Feature.

REC Starts to record. (Only Time Machine supported model)

 (Control buttons) Control buttons for media contents.

 These access special functions in some menus.

Using Magic Remote Control


(Depending on model)


The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly

To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the \oplus and \ominus ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. This remote uses infrared light. When in use it should be pointed in the direction of the TV's remote sensor.

Make sure to point the remote control toward the remote control sensor on the TV.



 (POWER) Turns the TV on or off

 (STB POWER) You can turn your set-top box on or off by adding the set-top box to the universal remote control for your TV.

Number button Enters numbers.

9** Accesses the [QUICK HELP].

— (**DASH**) Inserts a between numbers such as 2-1 and 2-2



LIST Accesses the saved channels list

••• (**MORE ACTIONS**) Displays more remote control functions.

QUICK ACCESS**

* Edits QUICK ACCESS.

- QUICK ACCESS is a feature that allows you to enter a specified app or LiveTV directly by pressing and holding the number buttons.

AD/SAP**

SAP (Secondary Audio Program) Feature can also be enabled by pressing the ••• button.



Adjusts the volume level.



(MUTE) Mutes all sounds



(MUTE) Accesses the [Accessibility] menu.



Scrolls through the saved channels.



(Voice recognition) Network connection is required to use the voice recognition function.

Once the voice display bar is activated on the TV screen, press and hold the button and speak your command out loud



Accesses the Home menu.



Shows the previous history.



(Q. Settings) Accesses the Quick Settings





Displays the [All Settings] menu.





Wheel (OK) Press the center of the Wheel button to select a menu. You can change channels

by using the wheel button.  (up/down/left/right) Press the up, down, left or right


button to scroll the menu. If you press  buttons while the pointer is in use, the pointer will disappear from the screen and Magic Remote will operate like a general remote control. To display the pointer on the screen again, shake Magic Remote to the left and right.


 (BACK) Returns to the previous screen.


 (BACK) Clears on-screen displays and returns to last input viewing


 **GUIDE** Displays the program event according to time scheduler.

1 streaming Service buttons Connects to the Video Streaming Service

 (INPUT) Changes the input source.

 (INPUT) Accesses the [HOME DASHBOARD].

 These access special functions in some menus.

 (Control buttons) Controls media contents.

Registering Magic Remote Control

How to register the Magic Remote Control



Use the Magic Remote. first pair it with your TV.


1 Put batteries into the Magic Remote and turn the TV on.

2 Point the Magic Remote at your TV and press the  Wheel (OK) on the remote control.

* If the TV fails to register the Magic Remote. try again after turning the TV off and back on.

How to deregister the Magic Remote Control

Press the  (BACK) and  (HOME) buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.

* Pressing and holding the  **GUIDE** button will let you cancel and re-register Magic Remote at the same time.

- Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak.
- Failure to match the correct polarities of the battery may cause the battery to burst or leak, resulting in fire, personal injury, or ambient pollution.
- This apparatus uses batteries. In your community there might be regulations that require you to dispose of these batteries properly due to environmental considerations. Please contact your local authorities for disposal or recycling information.
- Batteries inside or outside the product shall not be exposed to excessive heat such as sunshine, fire or the like

User Guide

For more information about this TV, read the USER GUIDE embedded in the product.

- To open the USER GUIDE  →  () → [General] → [About This TV] → [User Guide]

Troubleshooting

Cannot control the TV with the remote control.

- Check the remote control sensor on the product and try again.
- Check if there is any obstacle between the product and the remote control.
- Check if the batteries are still working and properly installed (to , to).

No image display and no sound is produced.

- Check if the product is turned on.
- Check if the power cord is connected to a wall outlet.
- Check if there is a problem in the wall outlet by connecting other products.

The TV turns off suddenly.

- Check the power control settings. The power supply may be interrupted.
- Check if the auto-off function is activated on the settings related time.
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

Abnormal Display

- If the product feels cold to the touch, there may be a small “flicker” when it is turned on. This is normal, there is nothing wrong with product. Some minute dot defects may be visible on the screen. appearing as tiny red. green. or blue spots. However, they have no adverse effect on the TV's performance. Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.
- This panel is an advanced product that contains millions of pixels. In a very few cases. you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.
- Displaying a still image for a prolonged period of time may cause an image sticking. Avoid displaying a fixed image on the TV screen for an extended length of time.

Generated Sound

- “Cracking” noise: A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required.
- Electrical circuit humming/panel buzzing: A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. It varies depending on the product. This generated sound does not affect the performance and reliability of the product.

CAUTION

- When cleaning the product, be careful not to allow any liquid or foreign objects to enter the gap between the upper, left or right side of the panel and the guide panel (Depending upon model).



- Make sure to wring any excess water or cleaner from the cloth.
- Do not spray water or cleaner directly onto the TV screen.
- Make sure to spray just enough of water or cleaner onto a dry cloth to wipe the screen.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.

Estimated yearly energy consumption indicated on the FTC label is measured in accordance with the Test Procedures for Television Sets (USA only)

The actual energy consumption depends on the usage environment (The content watched, TV settings, etc).

(Depending upon country)

Broadcasting Specifications	
Television system	ATSC / NTSC-M, 64 & 256 QAM
Program coverage (Band)	VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135, CADTV 1-135
External antenna impedance	75 Ω

(Except for 43/49/55/60/65UM69*)

Wireless module (LGSBWAC92) Specifications	
Wireless LAN (IEEE 802.11a/b/g/n/ac)	
Frequency Range	Output Power (Max.)
2400 to 2483.5 MHz	18 dBm
5150 to 5725 MHz	18 dBm
5725 to 5850 MHz	18 dBm
Bluetooth	
Frequency Range	Output Power (Max.)
2400 to 2483.5 MHz	8 dBm
<p>As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.</p> <p>For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the device and the body.</p> <p>FCC ID: BEJLGSBWAC92 IC: 2703H-LGSBWAC92</p>	

(Only 43/49/55/60/65UM69*)

Wireless module (LGSWFAC81) Specifications	
Wireless LAN (IEEE 802.11a/b/g/n/ac)	
Frequency Range	Output Power (Max.)
2400 to 2483.5 MHz	20 dBm
5150 to 5725 MHz	15 dBm
5725 to 5850 MHz	14.5 dBm
<p>As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.</p> <p>For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the device and the body.</p> <p>FCC ID: BEJLGSWFAC81 IC: 2703H-LGSWFAC81</p>	

Environment condition	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	Less than 80 %
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Humidity	Less than 85 %

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

