Lenovo G27q-20 User Guide

Lenovo

Product numbers

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Contents

Safety information iv

General Safety guidelines iv

Chapter 1.Getting started 1-1

Shipping contents 1-1

Notice for use 1-2

Product overview 1-2

Setting up your monitor 1-4

Chapter 2.Adjusting and using your monitor 2-1

Comfort and accessibility 2-1

Arranging your work area 2-1

Positioning and viewing your monitor 2-1

Quick tips for healthy work habits 2-2

Adjusting your monitor image 2-3

Selecting a supported display mode 2-7

Understanding power management 2-8

Caring for your monitor 2-9

Detaching the monitor base and stand 2-9

Wall Mounting (Optional) 2-9

Chapter 3.Reference information 3-1

Monitor specifications 3-1

Troubleshooting 3-3

Manually installing the monitor driver 3-5

Appendix A. Service and Support A-1

Registering your option A-1
Online technical support..... A-1
Telephone technical support A-1

Appendix B.Notices..... B-1
Recycling information B-2
Trademarks..... B-3
Power cords and power adapters B-3

Safety information

General Safety guidelines

For tips to help you use your computer safely, go to:
http://www.lenovo.com/safety

Before installing this product, read the Safety Information.

DANGER

To avoid shock hazard:

- Do not remove the covers.
- Do not operate this product unless the stand is attached.
- Do not connect or disconnect this product during an electrical storm.
- The power cord plug must be connected to a properly wired and grounded power outlet.
- Any equipment to which this product will be attached must also be connected to properly wired and grounded power outlets.
- To isolate the monitor from the electrical supply, you must remove the plug from the power outlet. The power outlet should be easily accessible.

To take special precautions to avoid the introduction of hazards when operating, installing, servicing, transporting or storing equipment, the necessary instructions shall be made available.
To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Handling:

- If your monitor weighs more than 18 kg (39.68 lb), it is recommended that it be moved or lifted by two people.

Chapter 1.Getting started

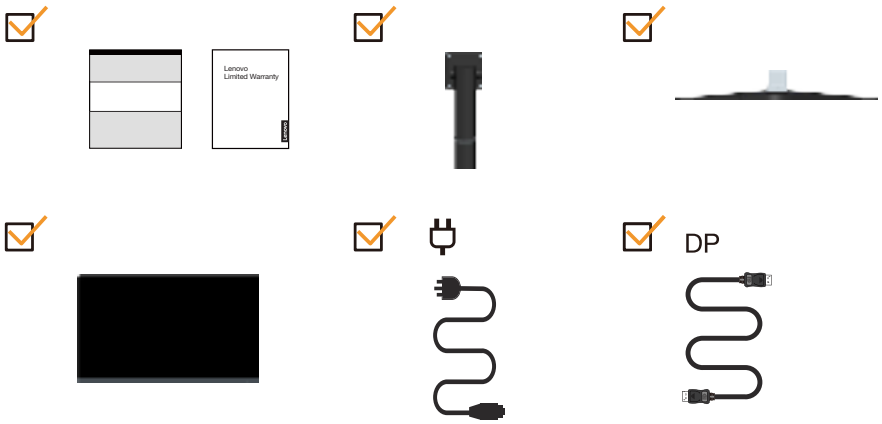
This User's Guide provides detailed operation instructions for the user. For quick instruction overview, please see the Setup Poster for brief information.

Lenovo G27q-20 supports Lenovo Display Control Center - **Artery.**

Shipping contents

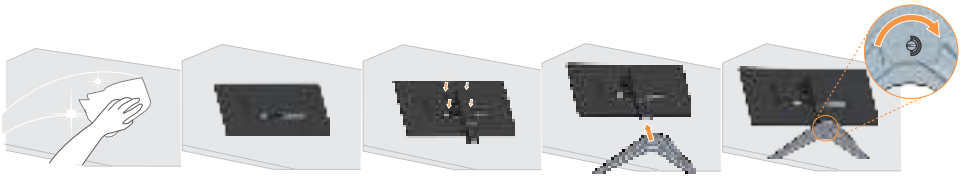
The product package should include the following items:

- Information Flyer
- Lenovo Limited Warranty Booklet
- Stand
- Base
- Flat Panel Monitor
- Power Cord
- DisplayPort Cable



Notice for use

To set up your monitor, please see the illustrations below.
Note: Do not touch the monitor within the screen area. The screen area is glass and can be damaged by rough handling or excessive pressure.



1. Place your monitor with the screen face down on a soft flat surface.
2. Align the stand assembly bracket to the monitor.
3. Insert the base towards the stand until it locks in place.

Note: To install a VESA mount, please see "Wall Mounting (Optional)" on page 2-9.

Product overview

This section will provide information on adjusting monitor positions, setting user controls, and using the cable lock slot.

Types of adjustments

Tilt

Please see the illustration below for an example of the tilt range.

Height Adjustment

For height adjustment, user needs to press down or lift up the monitor.

Monitor controls

The keypad controls on the panel frame are accesses to various functions.

For information on how to utilize these keypad controls, please see “Adjusting your monitor image” on page 2-3.

Kensington anti-theft lock

Your monitor is equipped with a Kensington anti-theft lock located on the rear of your monitor.

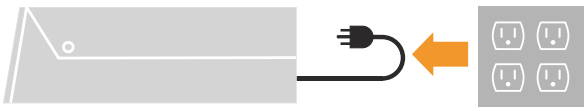
Setting up your monitor

This section provides information on how to set up your monitor.

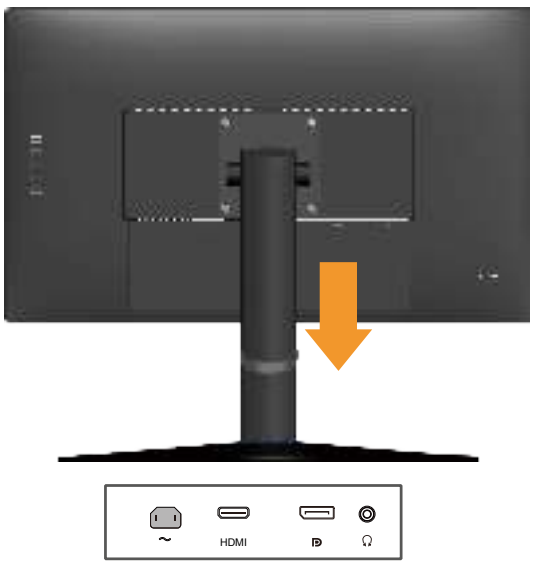
Connecting and turning on your monitor

Note: Be sure to read the Safety information on page iv before carrying out this procedure.

1. Power off your computer and all attached devices, and unplug the computer power cord.

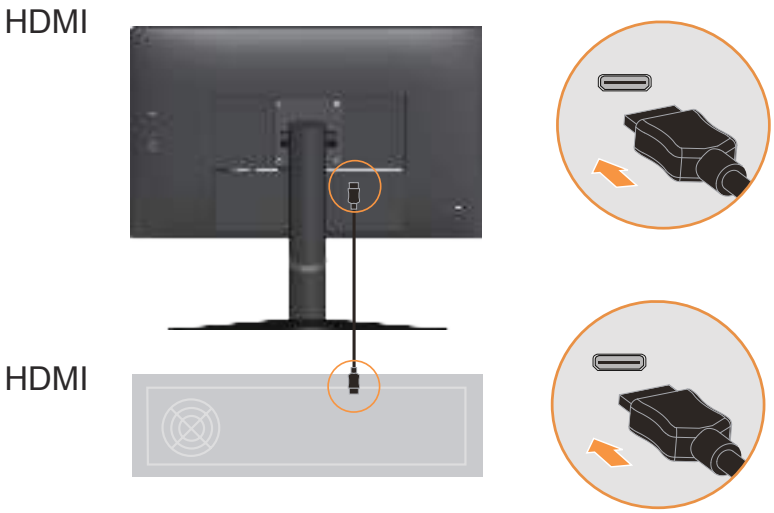


2. Connect the cables according to below icon indication.

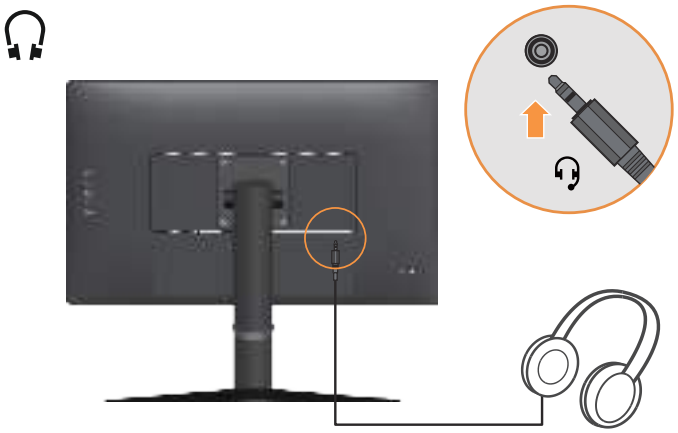


3. For computer in DP connecting.

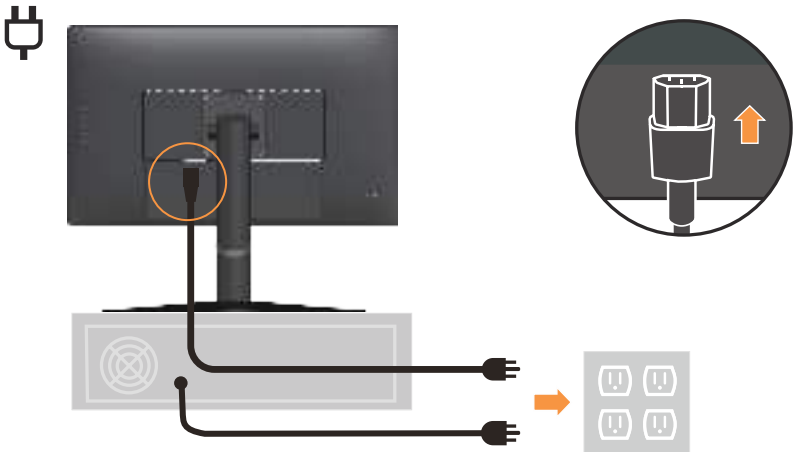
4. For computer in HDMI connecting.
   Note: For other regions Lenovo recommends that customers who require to use the HDMI input on their monitor purchase the "Lenovo HDMI to HDMI cable OB47070" http://www.lenovo.com/support/monitoraccessories



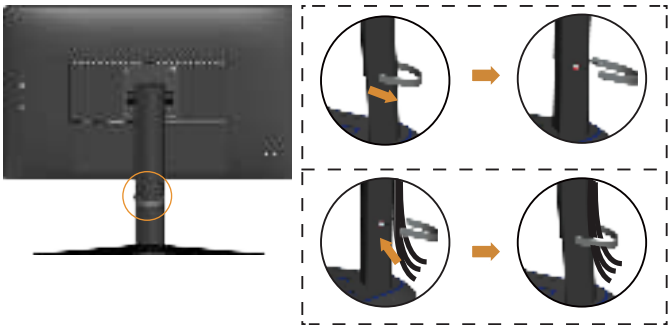
5. Connect the speaker's audio cable and audio jack of monitor to transfer audio source from HDMI/DP.
   Note: The audio output in HDMI/DP modoes.



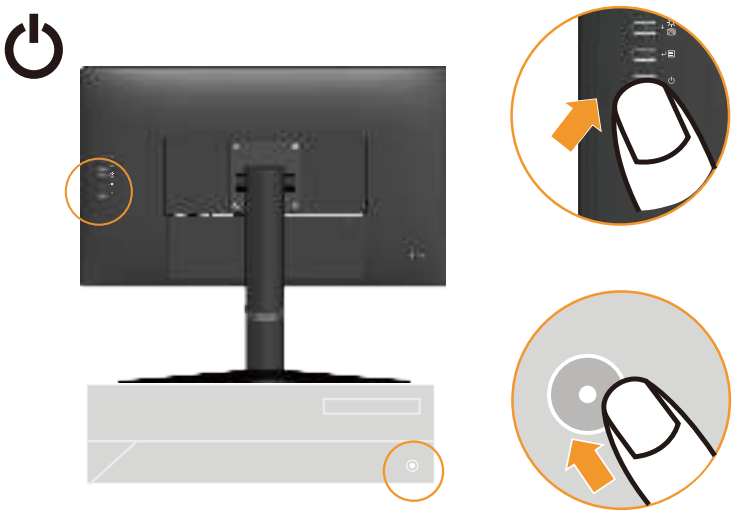
6. Insert the power cord into the monitor, then plug the monitor power cord and the computer cord into grounded electrical outlets.
   Note: A certified power supply cord has to be used with this equipment. The relevant national installation and or equipment regulations shall be considered. A certified power supply cord not lighter than ordinary polyvinyl chloride flexible cord according to IEC 60227 (designation H05VV-F 3G 0.75mm2 or H05VVH2-F2 3G 0.75mm2) shall be used. Alternative a flexible cord be of synthetic rubber according to IEC 60245 (designation H05RR-F 3G 0.75mm2) shall be used.



7. Connect the cables with cable clip.



8. Power on the monitor and the computer.



9. When you install the monitor driver, download the driver that corresponds to your monitor model from the Lenovo website https://pcsupport.lenovo.com/solutions/g27q_20. Refer to the ““Manually installing the monitor driver” on page 3-5” section to install the driver.

Chapter 2.Adjusting and using your monitor

This section will give you information on adjusting and using your monitor.

Comfort and accessibility

Good ergonomic practice is important to get the most from your personal computer and to avoid discomfort. Arrange your workplace and the equipment you use to suit your individual needs and the kind of work that you perform. In addition, use healthy work habits to maximize your performance and comfort while using your computer.

Arranging your work area

Use a work surface of appropriate height and available working area to allow you to work in comfort.

Organize you work area to match the way you use materials and equipment. Keep your work area clean and clear for the materials that you typically use and place the items that you use most frequently, such as the computer mouse or telephone, within the easiest reach. Equipment layout and setup play a large role in your working posture. The following topics describe how to optimize equipment setup to achieve and maintain good working posture.

Positioning and viewing your monitor

Position and adjust your computer monitor for comfortable viewing by considering the following items:

- **Viewing distance:** Recommended viewing distance between the eye and the monitor screen is 1.5 x the diagonal of the screen. Solutions in meeting this required distance in cramped office situations include pulling desk away from wall or divider to make room for monitor, using flat panel or compact displays placing the monitor in the desk corner, or placing the keyboard in an adjustable drawer to create a deeper working surface.
- **Monitor height:** Position the monitor so your head and neck are in a comfortable and neutral (vertical, or upright) position. If your monitor does not have height adjustments, you might have to place books or other sturdy objects under the base of the monitor to achieve the desired height. A general guideline is to position the monitor such that the top of the screen is at or slightly below your eye-height when you are comfortably seated. However, be sure to optimize your monitor height so the line of site between your eyes and the center the monitor suits your preferences for visual distance and comfortable viewing when your eye muscles are in a relaxed state.
- **Tilt:** Adjust the tilt of your monitor to optimize the appearance of the screen content and to accommodate your preferred head and neck posture.
- **General location:** Position your monitor to avoid glare or reflections on the screen from overhead lighting or nearby windows.

The following are some other tips for comfortable viewing of your monitor:

- Use adequate lighting for the type of work you are performing.
- Use the monitor brightness, contrast, and image adjustment controls, if equipped, to optimize the image on your screen to meet your visual preferences.
- Keep your monitor screen clean so you can focus on the screen's contents.

Any concentrated and sustained visual activity can be tiring for your eyes. Be sure to periodically look away from your monitor screen and focus on a far object to allow your eye muscles to relax. If you have questions on eye fatigue or visual discomfort, consult a vision care specialist for advice.

Quick tips for healthy work habits

The following information is a summary of some important factors to consider to help you remain comfortable and productive while you use your computer.

- **Good posture starts with equipment setup:** The layout of your work area and the setup of your computer equipment have a large effect on your posture while using your computer. Be sure to optimize the position and orientation of your equipment by following the tips outlined in "Arranging your work area " on page 2-1 so you can maintain a comfortable and productive posture. Also, be sure to use the adjustment capabilities of your computer components and office furniture to best suit your preferences now and as your preferences change over time.
- **Minor changes in posture can help avoid discomfort:** The longer you sit and work in front of your computer, the more important it is to observe your working posture. Avoid as summing any one posture for an extended period of time. Periodically make minor modifications in your posture to help deter any discomforts that might arise. Make use of any adjustments that your office furniture or equipment provide to accommodate changes in posture
- **Short, periodic breaks help ensure healthy computing:** Because computing is primarily a static activity, it is particularly important to take short breaks from your work. Periodically, stand up in front of your work area, stretch, walk for a drink of water, or otherwise take a short break from using your computer. A short break from work gives your body a welcome change in posture and helps to ensure you remain comfortable and productive while you do work.

Adjusting your monitor image

This section describes the user control features used to adjust your monitor image.

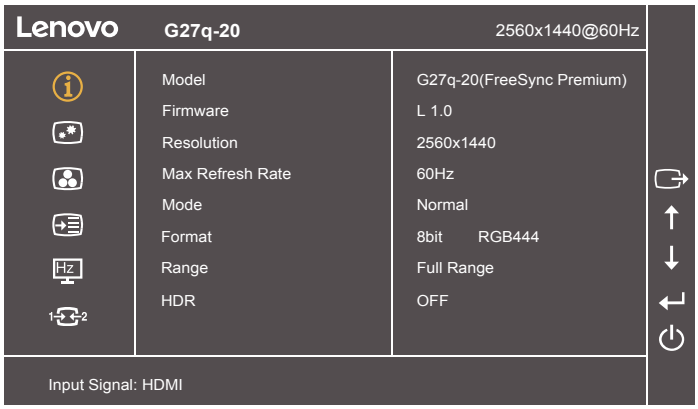
Using the direct access controls

The direct access controls can be used when the On Screen Display (OSD) is not displayed.

	Icon	Control	Description
1		DDC-CI	Press and hold for 10 seconds to enable or disable the DDC-CI function.
		Exit	Exit and return to previous level.
2	1 2	Input Source	Switches the video input source Shift back to previous level when in OSD mode.
		Increase/Up	Up browsing key. For increasing the value on adjustment bar/tune in Press to move to previous item.
3		Brightness	Direct access to Brightness adjustment.
		Enable Low Blue Light	Press and hold for 3 seconds to enable Low Blue Light .
		Disable Low Blue Light	Press and hold for 3 seconds to disable Low Blue Light.
4		Decrease/Down	Down browsing key. For decreasing the value on adjustment bar/tune in Press to move to next item.
5		Menu	To access OSD menu. Press to confirm selection. Press and hold for 10 seconds will lock menu/un-lock menu.
		Enter	Press to enter next level on main menu/sub menu status or enter previous level on adjustment bar.

Using the On-Screen Display(OSD) controls

To adjust the settings, the user controls can be viewed through the OSD.



To use the controls:

1. Press ↵ to open the main OSD menu.
2. Use ↑ or ↓ to move among the icons. Select an icon and press ↵ to access that function. If there is a sub-menu, you can move between options using ↑ or ↓ , then press ↵ to select that function. Use ↑ or ↓ to make adjustments then press ↵ to save.
3. Press ⇨ to move backwards through the sub-menus and exit from the OSD.
4. Press and hold ↵ for 10 seconds to lock the OSD. This will prevent accidental adjustments to the OSD. Press and hold ↵ for 10 seconds to unlock the OSD and allow adjustments to the OSD.
5. Enables DDC/CI by default. Use OSD Exit Key, press and hold ⇨ for 10 seconds to disable / enable DDC/CI function. A message "DDC/CI disable" is shown on the screen.
6. The ENERGY STAR option resets all user settings to default values so that the monitor can meet the requirements of Energy Star.

Table 2-1. OSD functions

OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
	Model	G27q-20(FreeSync Premium)	All input ports
	Firmware		
	Resolution	Show resolution.	
	Max Refresh Rate	Show Max refresh rate	
	Mode	• Normal • Variable	
	Format	Ex:6,8,10,12 bit/ RGB444,YCbCr->4:4:4/4:2:2/4:2:0	
	Range	• Full Range • Limited Range	
	HDR	• On • Off	
	Brightness	Adjusts overall screen brightness.	
	DCR	Enable dynamic contrast ratio. • Off • On	
	Saturation	Adjusts saturation	
	Contrast	Adjusts difference between light and dark areas.	
	Dark boost	Adjust the Dark Boost from off to level3.	
	Scaling Mode	• Off • Aspect	
	HDR	• Auto • Off	
	Freesync	• Auto • Off	
	Color	Reddish/Neutral/Bluish/Custom *Custom mode can enter layer4 for RGB select, and enter layer 5 for RGB value tuning via slide bar	
	sRGB	• Disable • Enable	
	Low Blue Light	• Disable • Enable	

OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
	Language	Changes languages of menu. The language chosen only affects the language of the OSD. It has no effect on any software running on the computer.	All input ports
	Transparency	Choose the transparency of OSD(0~100).	
	OSD Timeout	Set the duration of time that the OSD will remain active when no operation is performed.	
	Energy Saving Mode	• Disable • Enable	
	DP Select	• DP 1.4 • DP 1.2	
	Reset All Settings	• Cancel • Factory Reset	
	Game mode	• FPS1: First person shooter 1 mode. • FPS2: First person shooter 2 mode. • Racing: Racing mode • RTS: Real-Time-Strategy mode. • Game1: User Game1 mode. • Game2: User Game2 mode. • Off	
	Over Drive	• Off • Normal • Extreme	
	MPRT	• Off • On	
	Refresh Rate	Display the panel's current refresh rate on the screen. • Off • Left Top • Right Top • Left Bottom • Right Bottom	
	Auto Switch Input	The input will automatically switch to the next available input when There is no input signal present.The time out period has expired.	
	DP	Select digital among OSD Controls when you use DP.	
	HDMI	Select digital among OSD Controls when you use HDMI.	

*The use of Extreme Mode (response time) may result in reduced display quality when fast moving video graphics are displayed.
Users should check Extreme Mode (response time) to verify if it is compatible with any applications they would like to use it with.
*Low Blue Light Mode is reducing the blue light content.

Selecting a supported display mode

The display mode the monitor uses is controlled by the computer. Therefore, refer to your computer documentation for details on how to change display modes.

The image size, position and shape might change when the display mode changes.This is normal and the image can be re-adjusted using automatic image setup and the image controls.

Unlike CRT monitors, which require a high refresh rate to minimize flicker, LCD or Flat Panel technology is inherently flicker-free.

Note: If your system has previously been used with a CRT monitor and is currently configured to a display mode outside the range of this monitor, you may need to reattach the CRT monitor temporarily until you have re-configured the system; preferably to 2560x1440 at 60Hz, which is a common display mode.

The display modes shown below have been optimized at the factory.

Table 2-2. Factory set display modes

Timing	**Refresh rate(Hz)**
720x400	70 Hz
640x480	60Hz
640x480	67Hz
640x480	72Hz
640x480	75Hz
800x600	60Hz
800x600	72Hz
800x600	75Hz
800x600	100Hz
800x600	120Hz
832x624	75Hz
1024x768	60Hz
1024x768	70Hz
1024x768	75Hz
1024x768	100Hz
1024x768	120Hz
1280x1024	60Hz
1280x1024	75Hz
1440x900	60Hz
1680x1050	60Hz
1920x1080	60Hz
2560x1440	60Hz
2560x1440	100Hz
2560x1440	120Hz
2560x1440	144Hz
2560x1440	165Hz

Understanding power management

Power management is invoked when the computer recognizes that you have not using your mouse or keyboard for a user-definable period. There are several states as described in the table below.
For optimal performance, switch off your monitor at the end of each working day, or whenever you expect to leave it unused for long periods during the day.

Table 2-3. Power indicator

State	Power Indicator	Screen	Restoring Operation
On	White	Normal	
Standby/Suspend	Amber	Blank	Press a key or move the mouse. There may be a slight delay reappears. **Note:** Standby also occurs if there is no image output to the monitor.
Off	Off	Blank	Press power key to switch on There may be a slight delay before the image reappears.

Power Management Modes

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	52 W (maximum)* 32 W (typical)
Active-off mode	Inactive	Inactive	Off	Amber	Less than 0.5 W
Switch off	-	-	-	Off	Less than 0.3 W

**** Maximum power consumption with max luminance.**
This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered and shall have no obligation to update such information. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.

Caring for your monitor

Be sure to turn off the power before you perform any maintenance on the monitor.

Do not:

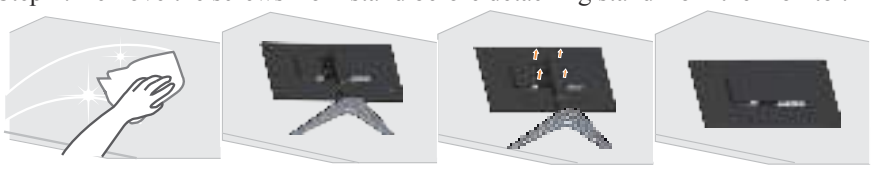
- Apply water or liquid directly to your monitor.
- Use solvents or abrasives.
- Use flammable cleaning materials to clean your monitor or any other electrical equipment.
- Touch the screen area of your monitor with sharp or abrasive items. This type of contact may cause permanent damage to your screen.
- Use any cleaner which contains an anti-static solution or similar additives. This may harm the coating of the screen area.

Do:

- Lightly dampen a soft cloth with water and use this to gently wipe the covers and the screen.
- Remove grease or finger marks with a damp cloth and a little mild detergent.

Detaching the monitor base and stand

Step 1: Place the monitor on a soft and flat surface.
Step 2: Remove the screws from stand before detaching stand from the monitor.



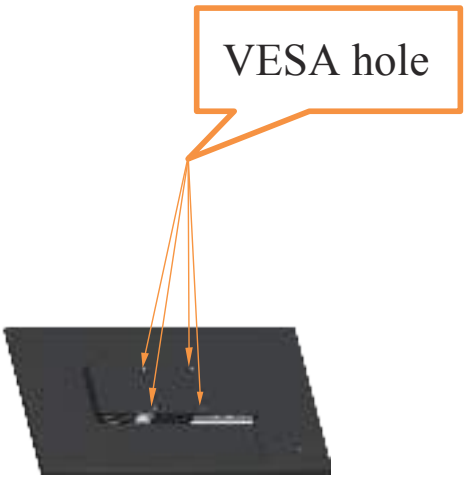
Wall Mounting (Optional)

Refer to the instructions that come with the base mounting kit. To convert your LCD display from a desk-mounted to a wall-mounted display, do the following:

Step 1: Verify that the Power button is turned Off, then disconnect the power cord.=
Step 2: Lay the LCD display face down on a towel or blanket.

Step 3: Remove the base and stand from the monitor, refer to "Detaching the monitor base and stand" on page 2-9.

Step 4: Attach the mounting bracket from the VESA compatible wall mounting kit. (100mm x100mm distance), the type of VESA mounting screw is M4 x 10 mm.



Step 5: Attach the LCD display to the wall, and follow the instructions in the wall-mounting kit. For use only with UL Listed Wall Mount Bracket with minimum weight/load: 8kg

Note:
When you use a flexible arm, do not tilt the monitor downward by more than 5 degrees.

Chapter 3.Reference information

This section contains monitor specifications, instructions to manually install the monitor driver, troubleshooting information.

Monitor specifications

Table 3-1. Monitor specifications for type-model G27q-20

Dimensions	Depth	259.97mm(10.24 in.)
	Height	523.16mm(20.60 in.)
	Width	613.16mm(24.14in.)
Stand	Tilt	Range: -5°~22°
VESA mount	Supported	100 mm x 100 mm (3.94 in. x 3.94 in.)
Image	Viewable image size	685.8mm(27 in.)
	Maximum height	335.664mm(13.21in.)
	Maximum width	596.736mm(23.49in.)
	Pixel pitch	0.2331mm (V)
Power input	Supply voltage Max supply current	100-240V AC 1.5A
Power consumption **Note:** Power consumption figures are for the monitor and the power supply combined. **Note:** Typical power consumption is tested under OSD default setting.	Normal operation	<52 W (Max) <32 W (Typical)
	Standby/Suspend	<0.5 W
	Off Note: without USB/ Webcam/external speaker	<0.3 W at 100VAC and 240VAC
DP	Interface	DP
	Horizontal addressability	2560 pixels (max)
	Vertical addressability	1440 lines (max)
	Clock frequency	680 MHz (max)
HDMI	Interface	HDMI
	Input signal	VESA TMDS (Panel Link™)
	Horizontal addressability	2560 pixels (max)
	Vertical addressability	1440 lines (max)
	Clock frequency	600 MHz (max)
Communications	VESA DDC/CI	

Supported Display Modes	Horizontal frequency	30 kHz – 256 kHz
	Vertical frequency	48 Hz – 165 Hz
	Native Resolution	2560 x 1440 at 60 Hz
Temperature	Operating	0° to 40°C (32°F to 104° F)
	Storage	-20° to 60°C (-4°F to 140° F)
	Shipping	-20° to 60°C (-4° F to 140° F)
Humidity	Operating	10% to 80% non-condensing
	Storage	5% to 95% non-condensing
	Shipping	5% to 95% non-condensing

Troubleshooting

If you have a problem setting up or using your monitor, you might be able to solve it yourself. Before calling your dealer or Lenovo, try the suggested actions that are appropriate to your problem.

Table 3-2. Troubleshooting

Problem	Possible cause	Suggested action	Reference
The words" Out of Range" are shown on the screen, and the power indicator is flashing white.	The system is set to a display mode which is not supported by the monitor	• If you are replacing an old monitor, reconnect it and adjust the display mode to within the specified range for your new monitor. • If using a Windows system, restart the system in safe mode, then select a supported display mode for your computer. • If these options do not work, contact the Customer Support Centre.	"Selecting a supported display mode" on page 2-7
The image quality is unacceptable	The video signal cable is not connected with the monitor or system completely.	Be sure the signal cable is firmly plugged into the system and monitor.	"Connecting and turning on your monitor" on page 1-4
	The color settings may be incorrect.	Select another color setting from the OSD menu.	"Adjusting your monitor image" on page 2-3
	The automatic image setup function was not performed.	Perform automatic image setup.	"Adjusting your monitor image" on page 2-3
The power indicator is not lit and there is no image.	• The monitor's power switch is not switched on. • The power cord is loose or disconnected. • There is no power at the outlet.	• Be sure the power cord is connected properly. • Be sure the outlet has power. • Power on the monitor. • Try using another power cord. • Try using another electrical outlet.	"Connecting and turning on your monitor" on page 1-4
Screen is blank and power indicator is amber.	The monitor is in Standby / Suspend mode	• Press any key on the keyboard or move the mouse to restore operation. • Check the Power options settings on your computer.	"Understanding power management" on page 2-8
The power indicator is amber, but there is no image	The video signal cable is loose or disconnected from the system or monitor	Be sure the video cable is connected with the system properly	"Connecting and turning on your monitor" on page 1-4
	The monitor brightness and contrast are at the lowest setting.	Adjust the brightness and contrast setting on the OSD menu.	"Adjusting your monitor image" on page 2-3

Problem	Possible cause	Suggested action	Reference
One or more of the pixels appear discolored	This is a characteristic of the LCD technology and is not an LCD defect	If there are more than five pixels missing, contact the Support Center	"Appendix A, Service and Support" on page A-1
• Fuzzy lines in text or a blurryimage • Horizontal or vertical lines through the image.	• Image setup has not been optimized • Your system DisplayProperties setting have not been optimized.	Adjust the resolution settings on your system to match the native resolution for this monitor: 2560 x 1440 at 60 Hz.	"Adjusting your monitor image" on page 2-3
		Perform automatic image setup. If automatic image setup does not help, perform manual image setup.	"Selecting a supported display mode" on page 2-7
		When working in the native resolution, you may find additional improvements by adjusting the Dots Per Inch (DPI) setting on your system.	See the Advanced section of your system's display properties.

Manually installing the monitor driver

Below are steps for manually installing the monitor driver in Microsoft Windows 7, Microsoft Windows 10.

Installing the monitor driver in Windows 7
To use the Plug and Play feature in Microsoft Windows 7, do the following:

1. Turn off the computer, all attached devices.
2. Ensure that the monitor is connected correctly.
3. Turn on the monitor and then the system unit. Allow your computer to start the Windows 7 operating system.
4. From the Lenovo website https://pcsupport.lenovo.com/solutions/g27q_20, find the corresponding monitor driver and download it to a PC to which this monitor is connected (such as a desktop).
5. Open the Display Properties window by clicking Start, Control Panel, Hardware and Sound icon, and then click the Display icon.
6. Click the Change the display settings tab.
7. Click the Advanced Settings icon.
8. Click the Monitor tab.
9. Click the Properties button.
10. Click the Driver tab.
11. Click Update Driver, then click Browse the computer to find the driver program.
12. Select Pick from the list of device driver program on the computer.
13. Click the Hard Disk button. By clicking the Browse button, browse and point to the following path:
    X:\Monitor Drivers\Windows 7
    (where X indicates “the folder in which the downloaded driver is located”(such as a desktop)).
14. Select the “leng27q-20.inf” file and click the Open button. Click the OK button.
15. In the new window, select LEN G27q-20 and click Next.
16. After the installation is complete, delete all downloaded files and close all windows.
17. Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

Installing the monitor driver in Windows 10

To use the Plug and Play feature in Microsoft Windows 10, do the following:

1. Turn off the computer, all attached devices.
2. Ensure that the monitor is connected correctly.
3. Turn on the monitor and then the system unit. Allow your computer to start the Windows 10 operating system.
4. From the Lenovo website https://pcsupport.lenovo.com/solutions/g27q_20, find the corresponding monitor driver and download it to a PC to which this monitor is connected (such as a desktop).
5. On the Desktop, move mouse to bottom-left corner of screen, right-click choose Control Panel, then double click the icon of Hardware and Sound, and then click Display.
6. Click the Change the display settings tab.
7. Click the Advanced Settings icon.
8. Click the Monitor tab.
9. Click the Properties button.
10. Click the Driver tab.
11. Click Update Driver, then click Browse the computer to find the driver program.
12. Select Pick from the list of device driver program on the computer.
13. Click the Hard Disk button. By clicking the Browse button, browse and point to the following path:
    X:\Monitor Drivers\Windows 10
    (where X indicates “the folder in which the downloaded driver is located” (such as a desktop)).
14. Select the “leng27q-20.inf” file and click the Open button. Click the OK button.
15. In the new window, select LEN G27q-20 and click Next.
16. After the installation is complete, delete all downloaded files and close all windows.
17. Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

Note: On LCD monitors, unlike CRTs, a faster refresh rate does not improve display quality. Lenovo recommends using either 2560 x 1440 at a refresh rate of 60 Hz, or 640 x 480 at a refresh rate of 60 Hz.

Getting further help

If you still can’t solve your problem, please contact the Lenovo Support Center. For more information on contacting the Support Center, please see Appendix A.“Service and Support”on page A-1.

Appendix A. Service and Support

The following information describes the technical support that is available for your product, during the warranty period or throughout the life of the product. Refer to your Lenovo Statement of Limited Warranty for a fully explanation of Lenovo warranty terms.

Registering your option

Register to receive product service and support updates, as well as free and discounted computer Accessories and content. Go to: http://www.lenovo.com/support

Online technical support

Online technical support is available during the life of your product through the Lenovo Support Web site at http://www.lenovo.com/ support

Product replacement assistance or exchange of defective components also is available during the warranty period, assistance for replacement or exchange of defective components is available. In addition, if your option is installed in a Lenovo computer, you might be entitled to service at your location. Your technical support representative can help you determine the best alternative.

Telephone technical support

Installation and configuration support through the Customer Support Center will be available until 90 days after the option has been withdrawn from marketing. After that time, the support is cancelled, or made available for a fee, at Lenovo's discretion. Additional support is also available for a nominal fee.
Before contacting a Lenovo technical support representative, please have the following information available: option name and number, proof of purchase, computer manufacturer, model, serial number and manual, the exact wording of any error message, description of the problem, and the hardware and software configuration information for your system.
Your technical support representative might want to walk you through the problem while you are at your computer during the call.
Telephone numbers are subject to change without notice. The most up-to-date telephone list for Lenovo Support is always available at: http://www.lenovo.com/support

Country or Region	Telephone Number
China	400-990-8888
South Africa	800982393
Argentina	0800-444-2722(Spanish)
Australia	1300-557-073
Austria	800295730(German)
Belgium	80076524(French, Dutch)
Bolivia	800-100-764(Spanish)

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Recycling information

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to:

http://www.lenovo.com/recycling

環境配慮に関して

本機器またはモニターの回収リサイクルについて

企業のお客様が、本機器が使用済みとなり廃棄される場合は、資源有効利用促進法の規定により、産業廃棄物として、地域を管轄する県知事あるいは、政令市長の許可を持った産業廃棄物処理業者に適正処理を委託する必要があります。また、弊社では資源有効利用促進法に基づき使用済みパソコンの回収および再利用・再資源化を行う「PC 回収リサイクル・サービス」を提供しています。詳細は、
https://www.lenovo.com/jp/ja/services_warranty/recycle/pcrecycle/
をご参照ください。

また、同法により、家庭で使用済みとなったパソコンのメーカー等による回収再資源化が 2003 年 10 月 1 日よりスタートしました。詳細は、
https://www.lenovo.com/jp/ja/services_warranty/recycle/pcrecycle/
をご参照ください。

重金属を含む内部部品の廃棄処理について

本機器のプリント基板等には微量の重金属（鉛など）が使用されています。使用後は適切な処理を行うため、上記「本機器またはモニターの回収リサイクルについて」に従って廃棄してください。

Collecting and recycling a disused Lenovo computer or monitor

If you are a company employee and need to dispose of a Lenovo computer or monitor that is the property of the company, you must do so in accordance with the Law for Promotion of Effective Utilization of Resources. Computers and monitors are categorized as industrial waste and should be properly disposed of by an industrial waste disposal contractor certified by a local government. In accordance with the Law for Promotion of Effective Utilization of Resources, Lenovo Japan provides, through its PC Collecting and Recycling Services, for the collecting, reuse, and recycling of disused computers and monitors. For details, visit the Lenovo Web site at https://www.lenovo.com/jp/ja/services_warranty/recycle/pcrecycle/. Pursuant to the Law for Promotion of Effective Utilization of Resources, the collecting and recycling of home-used computers and monitors by the manufacturer was begun on October 1, 2003. This service is provided free of charge for home-used computers sold after October 1, 2003. For details, visit the Lenovo Web site at https://www.lenovo.com/jp/ja/services_warranty/recycle/personal/.

Disposing of Lenovo computer components

Some Lenovo computer products sold in Japan may have components that contain heavy metals or other environmental sensitive substances. To properly dispose of disused components, such as a printed circuit board or drive, use the methods described above for collecting and recycling a disused computer or monitor.

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