Lenovo

L28u-35

User Guide

Product No.

H22280UL0

66EC-GAC4-WW

CE

Version 1 (November 2021)

Contents

Safety Matters

General Safety Principles

For tips on safe computer use, please go to:
http://www.lenovo.com/safety

Before installing this product, please read the safety matters.

⚠

Danger

To avoid collision dangers：
• Do not remove the cover.
• Do not use the product without the base installed.
• Do not connect or disconnect the product during thunderstorm conditions.
• The power cord plug must be connected to a properly wired and grounded electrical outlet.
• Any equipment connected to this product must also be connected to a properly wired and grounded electrical outlet.
• When disconnecting the display, the plug must be unplugged from the power outlet.

The power outlet should be easy to plug and unplug the power cord. To take special precautions against dangers when using, installing, servicing, transporting, or storing the equipment, prepare the necessary instructional notes.
To reduce the risk of electric shock, do not perform any maintenance not described in the operating instructions unless you are qualified to do so.

Handling:
• If the display weighs more than 18 kg (39.68 lbs.), it is recommended that two people move or lift the display.
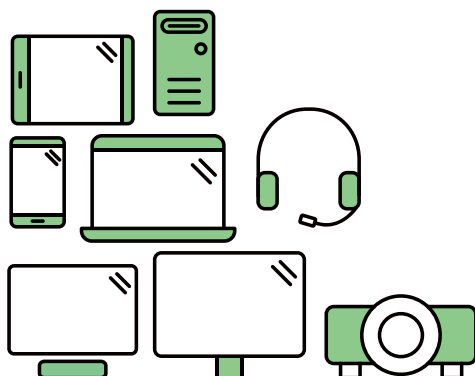
TCO CERTIFIED

Toward sustainable IT products

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IT products are associated with a wide range of sustainability risks throughout their life cycle. Human rights violations are common in the factories. Harmful substances are used both in products and their manufacture. Products can often have a short lifespan because of poor ergonomics, low quality and when they are not able to be repaired or upgraded.

This product is a better choice. It meets all the criteria in TCO Certified, the world's most comprehensive sustainability certification for IT products. Thank you for making a responsible product choice, that help drive progress towards a more sustainable future!

Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the certificate is issued, covering the entire validity period. The process also includes ensuring that corrective actions are implemented in all cases of factory non-conformities. And last but not least, to make sure that the certification and independent verification is accurate, both TCO Certified and the verifiers are reviewed regularly.

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v

TCO CERTIFIED edge

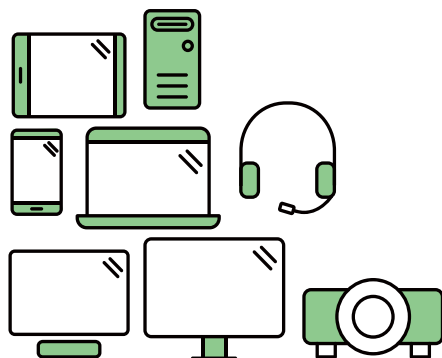Toward sustainable IT products

Say hello to a more sustainable product

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Chapter 1. New Member Guide

This user guide provides users with detailed operating instructions. For a quick overview of the instructions, please refer to the Setup coloring page for brief information.

Items List

The following items should be included in the package of this product:

■Quick Start Guide
■Display
■Stand （Screw *4)
■Base
■Power Cord （Subject to the actual）
■Signal Line
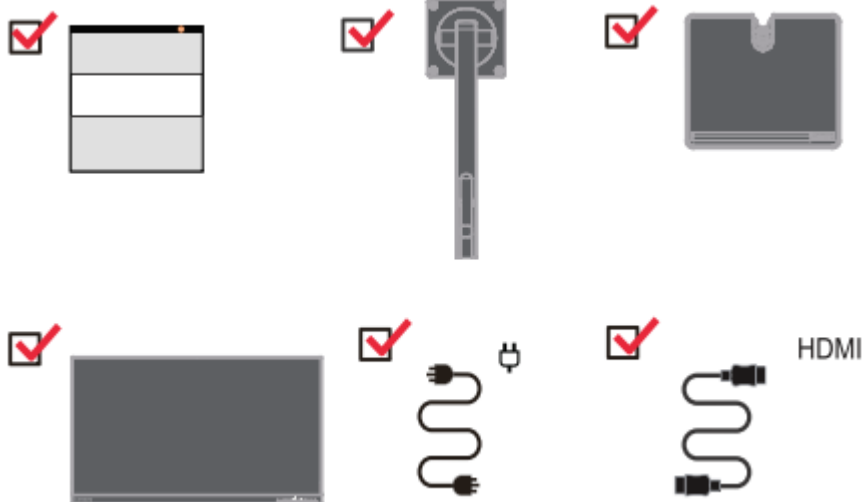
Precautions For Use

To set up your display, please refer to the following illustration.
Note: Do not touch the screen area of the display. The screen area is a glass product and can be easily damaged by friction or pressure.
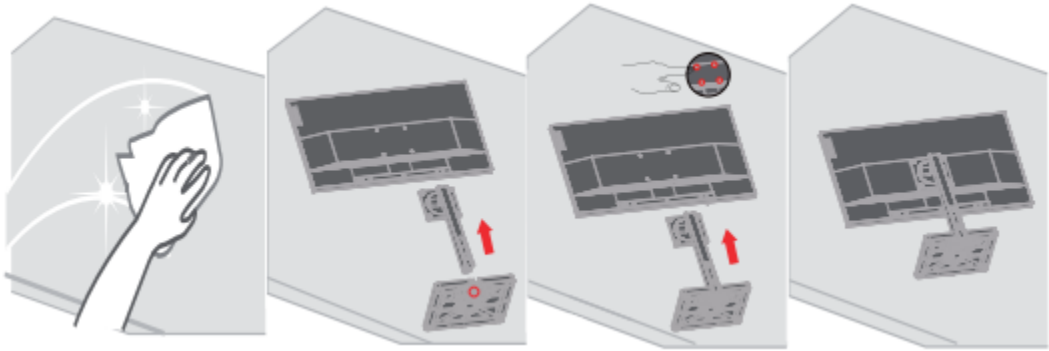
1. Place the display screen down on a soft flat surface.
2. Align the base with the stand, and then tighten the screws on the base.
3. Align the installed stand base to the back of the display and tighten the screws.

Note: To install the VESA mount, see "Wall-mounted (optional)" on pages 2-9.

Product Overview

This section describes how to adjust the display position, set the user controls, and use the cable lock slot.

Adjustment Types

Tilt

See the figure below for an example of the tilt range.
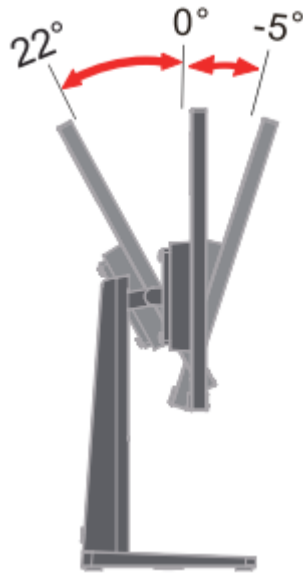
Height
Adjustment
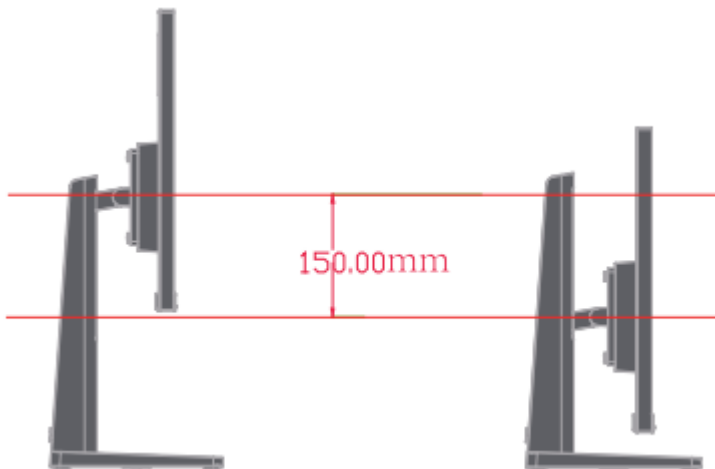
Rotate

Before the display is displayed in a vertical orientation, it should be fully raised and fully tilted to avoid collisions.

Vertical
Rotation 90 °
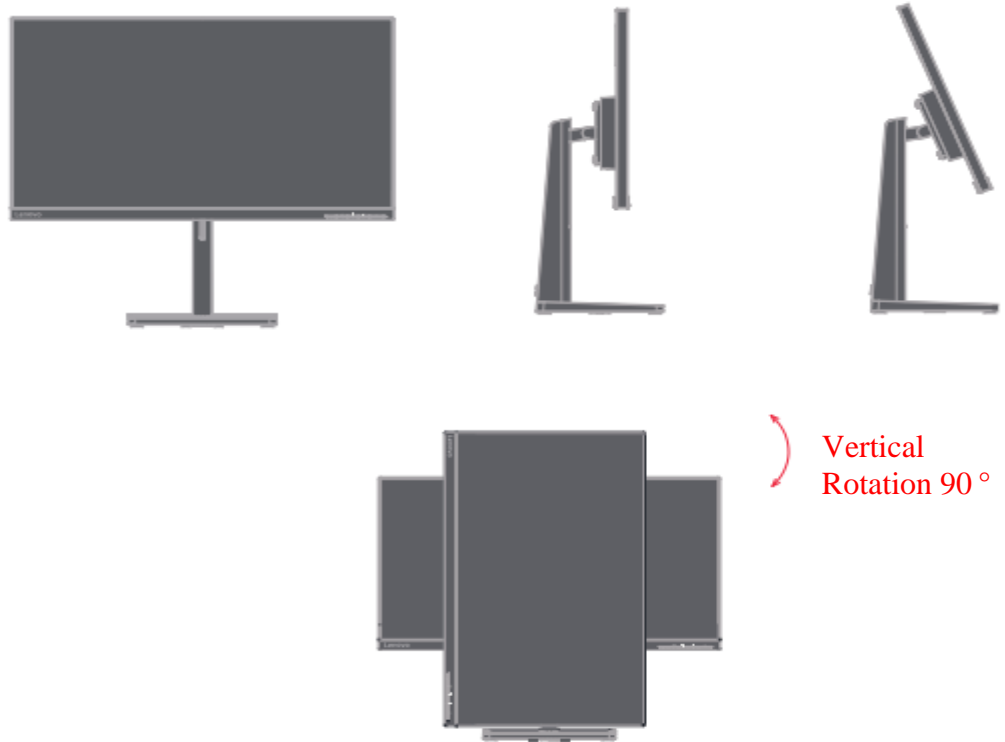
Rotation

With the built-in base, you can tilt and rotate the monitor for the best viewing angle.

Horizontal
Rotation 360 °
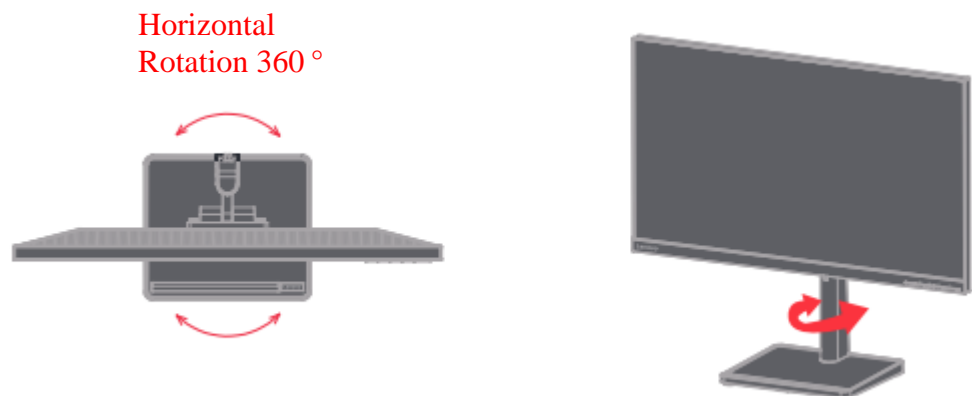
Display Control

Different functions can be used through the key controls on the panel frame.

For information on how to use these key controls, see "Adjusting the Display Image" on pages 2-3.

Cable Lock Slot

The back of the display with a small and large cable lock slot.
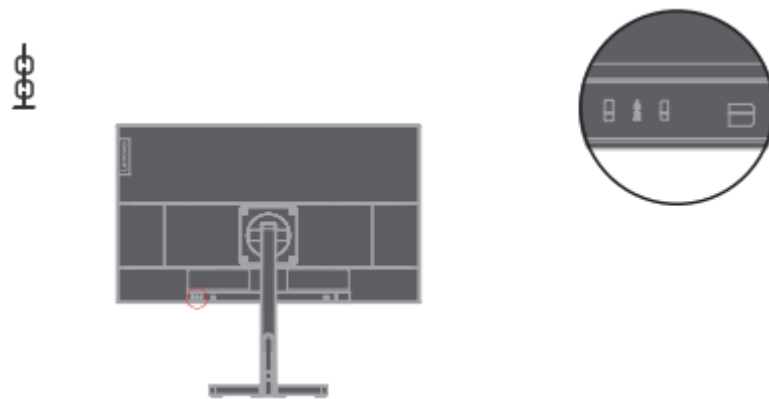
Set Up the Display

This section describes how to set up the display.

Connecting and Powering on the Display

Note: Before performing this procedure, be sure to read the "Safety Matters" on page ⅲ.

1. Turn off the power to the computer and all connected devices, and then unplug the computer's power cord.

2. Connect the cables as shown in the figure below.
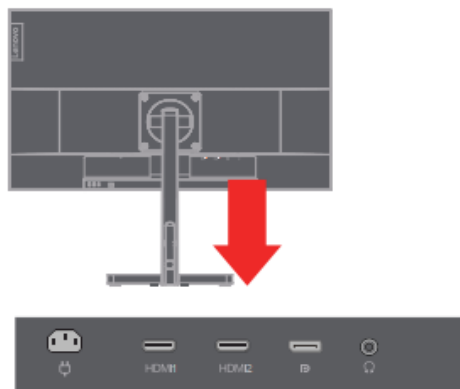
3. For computers with HDMI connections.

Note: Lenovo recommends that users who need to use the HDMI input on their display purchase the "Lenovo HDMI to HDMI Cable OB47070" www.lenovo.com/support/monitoraccessories

HDMI1/2

HDMI1/2
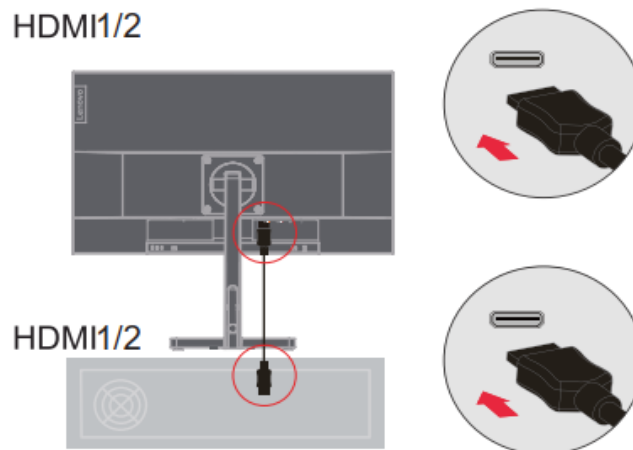
4. For computers with DP connections.
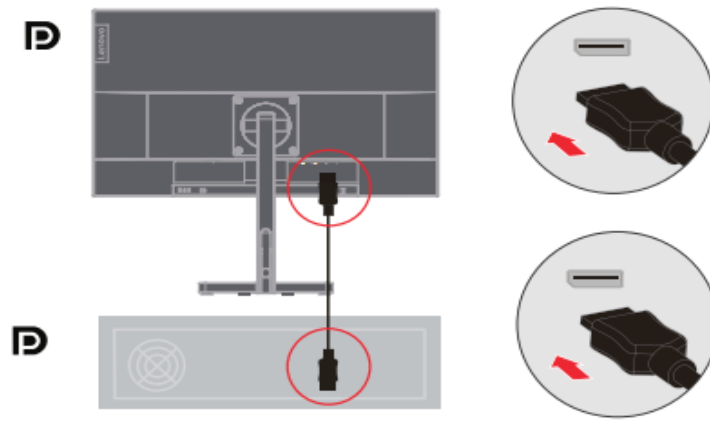
5. Connect the audio cable of the speaker and the audio jack of the monitor to transmit the audio source from HDMI or DP.
Note: HDMI or DP mode audio output.
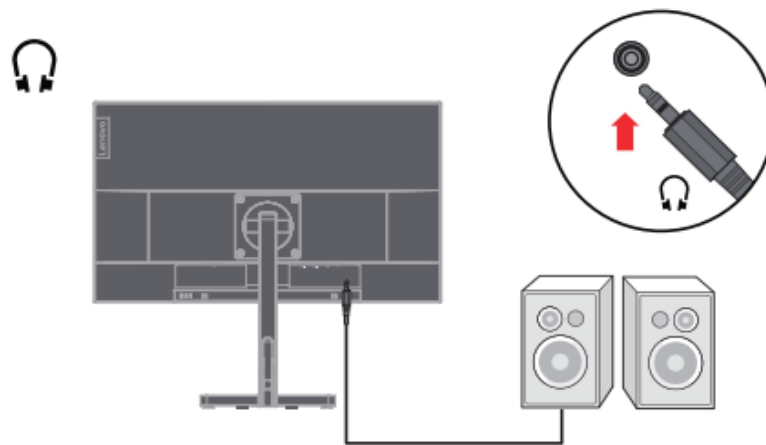
6. Plug the power cord into the display, and then plug the display power cord and computer cord into a grounded power outlet.

Note: A certified power cord must be used for this equipment. The installation and/o r equipment regulations of the country concerned should be taken into account. The certified power cable used should not be lighter than the normal PVC cable (marked H05VV-F 3G 0.75mm^2 or H05VVH2-F2 3G 0.75mm^2) as specified in IEC 60227. In addition, synthetic rubber cords as specified in IEC 60245 (marked H05RR-F 3G 0.75mm^2) should be used.
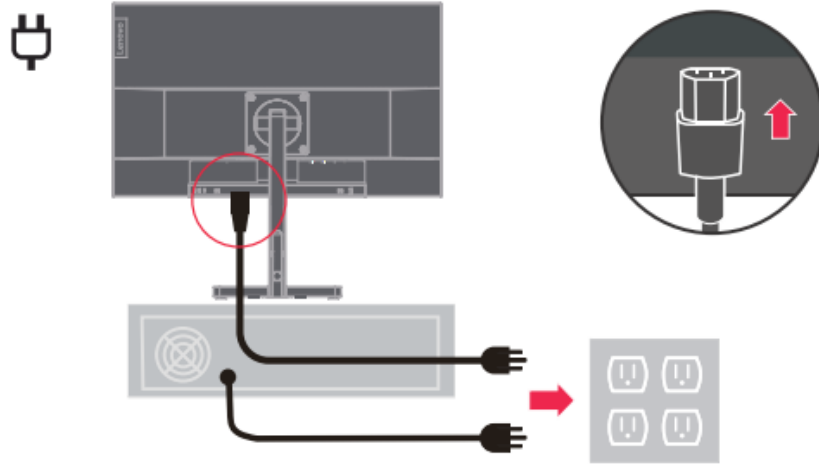
7. Use wire clips when connecting cables.
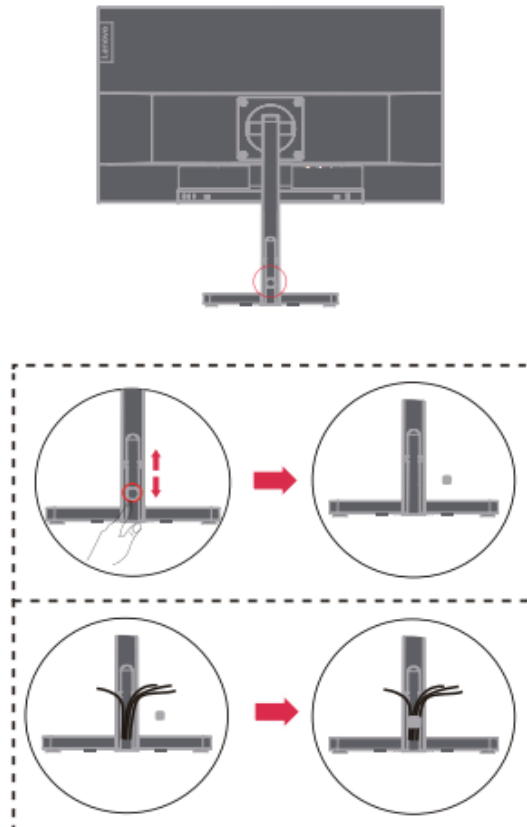
8. Turn on the power to the display and computer.
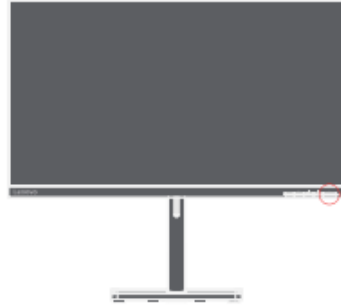
9. When you install the monitor driver, you should download it from the Lenovo website
http://support.lenovo.com/docs/L28u-35
Download the driver that corresponds to your display model. Please refer to the "Manually Install the Driver for the Display" section on pages 3-5.

Chapter 2. Adjusting and Using the Display

This section describes how to adjust and use this display.

Comfort and Assistance Functions

Good ergonomic designs are important for the comfortable use of your personal computer. Your workplace and the equipment you use should be arranged appropriately for your personal needs and the type of work you do. In addition, healthy work habits can help you achieve optimal efficiency and comfort when using a computer.

For information on these topics, please visit the Healthy Computing Web: http://www.lenovo.com/healthycomputing/

Arrange Your Working Area

Use a work surface of the right height and enough work area so that you can work comfortably.

Arrange your work area according to the way you use materials and equipment. Keep frequently used materials neatly organized in your work area, and place frequently used items (such as a computer mouse or telephone) in an easily accessible location. The placement and setup of equipment are very important to your work posture. The following topics describe how to optimize equipment settings to achieve and maintain a good working posture.

Placing and Viewing the Display

For comfortable viewing of the display, the following factors should be considered when placing and adjusting computer displays:

- The recommended viewing distance between your eyes and the display screen is 1.5X the screen diagonal. Solutions to meet this required distance in a small office include: keeping the desk a certain distance from the wall or partition to allow space for the display, using a flat panel or smaller display and keeping the display in the corner of the desk, or placing the keyboard in an adjustable drawer board to create a deeper work surface.
- **Display Height:** Place the display with your head and neck in a natural, comfortable (vertical or upright) position. If your display is not height-adjustable, you can place a book or other sturdy object under the base of the display to achieve the desired height. The general rule is to sit comfortably with the top of the display screen at eye level or slightly lower. However, it is important to optimize the height of the display so that the relative position between the eyes and the center of the display provides the right visual distance and a comfortable viewing experience when the eye muscles are relaxed.
- **Tilt**: Adjusting the tilt of your display optimizes the appearance of your screen content and keeps your head and neck in the best possible position.
- **Regular Location**: Place the display in such a way that overhead lighting or nearby windows do not cause glare or reflection on the screen.

Here are some additional tips for comfortable viewing of your display：
• Use adequate lighting for the type of work you do.
• Use display brightness, contrast, and image controls (if available) to optimize the image on the screen for your visual needs.
• Keep the display screen clean so that you can see the content clearly.

Long periods of focused visual activity tend to strain the eyes. Be sure to periodically move away from the display screen and gaze at a distant object to relax your eye muscles. If you have any questions about eye strain or visual discomfort, consult vision care professional for advice.

Tips on Healthy Work Habits

The following is a summary of some important factors that are useful to keep you comfortable and productive while using your computer.

- **Good posture comes from equipment placement**: The layout of your work area and the placement of your computer equipment can have a significant impact on your posture while using the computer. Be sure to follow the tips listed in " Arrange Your Working Area" on pages 2-1 to optimize the placement and orientation of your equipment so you can maintain comfortable posture and efficiency. In addition, be sure to use the adjustment features of your computer components and office furniture to meet your needs, and adjust them over time as your needs change.
- **Slight changes in posture help keep you comfortable**: the longer you sit in front of a computer, the more important it becomes to pay attention to your work posture. Avoid maintaining one posture for long periods. Regular slight changes in posture can help prevent possible discomfort. Use the adjustment function provided by office furniture or equipment to adapt to changes in posture.
- **Regular short breaks help ensure healthy computing**: Because computing is primarily a static activity, it is especially important to take short breaks during the workday. Take regular breaks to stand in front of your work area, stretch your limbs, walk around or have a drink, or otherwise take a short break from using the computer. Taking short breaks during work allows for changes in body posture that can help you stay comfortable and productive while working.

Adjusting the Display Image

This section describes the functions of the user controls used to adjust the display image.

Using Direct Access Controls

When On Screen Display (OSD) is not displayed, you can use direct access controls.

	Icon	Control	Description
1	⏻	Power	Power on/off
2	▤	Menu	To access the OSD menu Press to confirm the selection Press and hold for 10 seconds to lock the menu/unlock the menu
	↵	Enter	Press to go to the next level/submenu status of the main menu, or the previous level of the adjustment bar
3	☼	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
		☼ Brightness	Brightness adjustment
	→	Up/Right/ Increase	Downward Browsing Key Increase the value on the adjustment bar/Adjustment Press down to move to the next item
4	1↔2	Volume	Adjust the volume level
	←	Down/Left/ Decrease	Upward Browsing Key Decrease the value on the adjustment bar/Adjustment Press down to move to the previous item
5	⤷	Input source	Signal source switching Return to previous level in OSD mode
		DDC-CI	Press and hold for 10 seconds to enable/disable the DDC-CI function.
		Exit	Exit Menu

Attention:

The L28u-35 uses natural low blue light technology to protect your eyes by not only maintaining picture quality but also reducing harmful blue light at 6500K color temperature. If you cannot confirm whether the monitor is already in low blue light mode, you can perform the **Restore Factory Settings** operation in the OSD **Item Menu Settings → Reset All Settings**.

Use the On-Screen Display (OSD) Control

When adjusting the settings, you can view the user controls through the OSD.

Use controls:

    1. Press ▣ to open the OSD Main Menu.

    2. Use ← or → to move between icons. Select an icon and press ↵ to access the feature. If there is a submenu, use ← or → to move between options, and then press ↵ to select the feature. Use ← or → to make adjustments, and then press ↵ to save.

    3. Press ➡ to exit the submenu in sequence, and then exit the OSD.

    4. Press ↵ and hold for 10 seconds to lock the OSD. In this way, you can prevent accidental adjustment of the OSD. Press ↵ and hold for 10 seconds to unlock the OSD for OSD adjustment.

    5. DDC/CI is enabled by default. Press ➡ and hold for 10 seconds to disable/enable the DDC/CI function. The message "DDC/CI disable (DDC/CI enable)" is displayed on the screen.

6. The ENERGY STAR option restores all user settings to their default values to make the display Energy Star compliant.

ENERGY STAR is a consumer electronics energy efficiency program led by the U.S. government. It was launched at the Department of Energy to reduce energy consumption and greenhouse gas emissions. The ENERGY STAR logo is a symbol of energy efficiency and environmental protection. It has improved the concept of energy efficiency among consumers and manufacturers, and effectively guided the market. The "ENERGY STAR Regulations" improve energy efficiency and reduce air pollution through the use of more energy-efficient equipment in homes, offices, and factories. One way to achieve this goal is to use management to reduce energy consumption when products are not in use. The default settings of the monitor are ENERGY STAR qualified. Any changes made by the user to more features and functions can increase power consumption, which would exceed the limits of the ENERGY STAR standard. If the user changes options related to energy efficiency while in use, such as brightness, color mode, etc., selecting Reset Factory All or selecting the ENERGY STAR option will restore energy consumption to ENERGY STAR-compliant energy efficiency. For more information, see (www.enercystar.gov/products). All ENERGY STAR products will be posted online and directly accessible to governments, public agencies, and consumers.

Table 2-1. OSD Functions

Main Menu	Submenu	Description	Controls and Adjustment
Basic settings	Brightness Adjustment	Adjust the overall brightness of the screen	
	Contrast Adjustment	Adjusts the degree of difference between bright and dark areas	
	Dynamic Contrast	On/Off	
	Display Mode	Standard Games Web Browsing Movies Pictures	
	Zoom mode	Wide Off	Non-16:9 signal adjustable
	Dynamic Response	Off Normal Extremely	
	Volume	Adjust the volume level	
Color Setting	Cool color temperature	/	
	Standard color temperature	/	
	Warm color temperature	/	
	User	Red	
		Green	
		Blue	
	sRGB	6500K	
Port Settings	Input	Automatic input switching	
		DP	
		HDMI1	
		HDMI2	
	DP Select	DP1.1/DP1.2/DP1.4	Optional under the DP channel
	Free Sync	Auto/off	
	HDR High Dynamic Contrast Ratio	On/Off	When it is turned ON for the first time, there will be: Power Usage "Changing this setting will increase power usage".
Menu Settings	Information	Product Name Refresh Rate Software Version Serial Number	
	Language	OSD Language Selection	
	Menu Horizontal Position	Move SOD left and right	
	Menu Vertical Position	Move OSD up and down	
	Transparency	Adjust OSD menu transparency	
	OSD Display Time Setting	5-60	
	Reset All Settings	Cancel	
		Restore Factory Settings	

Select Supported Display Modes

The display mode used by the display is controlled by the computer. Therefore, you should refer to the computer's documentation for detailed information on how to change the display mode.

When the display mode is changed, the image size, position, and shape may change. This is normal and the image can be readjusted using the automatic image settings and image controls.

Unlike CRT displays, which require high refresh rates to minimize flicker, LCD or flat panel technology is inherently flicker-free.

Note: If your system previously used a CRT display and is now configured for a display mode outside the range of this display, you may need to temporarily reconnect the CRT display to reconfigure your system, preferably set to 3840×2160@60Hz, which is the common display mode.

The display modes shown below are factory optimized.

Table 2-2. Display modes set by the manufacturer

Timing volgorde	Ververssnelheid (Hz)	HDMI*2
640x480	@60Hz	
800x600	@56Hz@60Hz	
832x624	@60Hz	
1024x768	@60Hz	
1152x864	@60Hz	
1280x1024	@60Hz	
1366 x768	@60Hz	
1440x900	@60Hz	
1600x900	@60Hz	
1680x1050	@60Hz	
1920x1080	@60Hz	
2560x1440	@60Hz	
3840x2160	@60Hz	

Timing volgorde	Ververssnelheid (Hz)	DP
640x480	@60Hz	
800x600	@56Hz@60Hz	
832x624	@60Hz	
1024x768	@60Hz	
1152x864	@60Hz	
1280 x1024	@60Hz	
1366 x768	@60Hz	
1440x900	@60Hz	
1600x900	@60Hz	
1680x1050	@60Hz	
1920x1080	@60Hz	
2560x1440	@60Hz	
3840x2160	@60Hz	

Understanding Power Management

The power management function is activated when the computer detects that the mouse or keyboard has not been used for a user-defined time interval. There are several states as described in the table below.
For best performance, it is best to turn off the display at the end of the day, or when it is not in use for a longer period during the day.

Table 2-3. Power Indicators

Status	Power indicator	Screen	Recovery Operation	Consistency
On	White	Normal		
Standby/Hang up	Orange	Blank	Press any key or move the mouse. The response time may be slightly delayed. Note: When there is no image output to the display, it will also enter standby mode.	ENERCY STAR
Off	Off	Blank	Press the power button. There may be a slight delay before the image is redisplayed.	ENERCY STAR

Power Management Mode

VESA Mode	Horizontal Synchronization	Vertical Synchronization	Video	Power indicator	Power consumption
Normal Operation	Active	Active	Events	White	50W (Max)* 30W (typical)
Active-Off Mode	Inactive	Inactive	Close	Orange	Less than 0.5W
Off	-	-	-	Off	Less than 0.3W

ENERCY STAR	Power consumption
$P_{开}$	24.28W
E_{TEC}	75.41kWh

* Maximum power consumption for maximum brightness.
This document is for reference only and reflects laboratory performance. Your product performance will vary depending on the software, components, and peripherals you order, and it should not be your responsibility to update this information. Accordingly, customers should not rely on this information to make decisions regarding electronic fault tolerance or similar items. We make no express or implied warranties as to accuracy or completeness.

Maintaining the Display

Always turn off the power to the display before performing any maintenance work on the display.

Do not：
• Let water or liquids spill onto the display.
• Use solvents or abrasive substances.
• Use flammable cleaning materials to clean the display or any other electronic device.
• Touch the screen area of the display with sharp or abrasive objects. Such contact may cause permanent damage to the screen.
• Use any cleaner that contains an anti-static solution or similar additive. Otherwise, the coating of the screen area may be damaged.

Be sure to:
• Wipe the case and screen gently with a soft cloth lightly dampened in water.
• Use a damp cloth and a little flexible cleaner to remove fingerprints and grease.

Remove the Display Base and Support Arm

Step 1: Place the display on a flat surface.
Step 2: After removing the base and stand from the monitor, remove the screws from the base.

Wall-mounted (optional)

Refer to the instructions attached with the base assembly. To convert the LCD from a desktop to a wall mount, perform the following steps：

Step 1: Make sure the power button is off and unplug the power cord.
Step 2: Place the LCD face down on a towel or blanket.
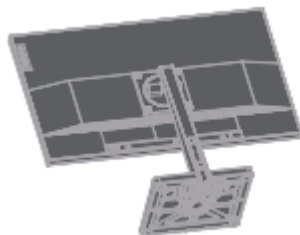
Step 3: Remove the display base and support arm from the display, see "Removing the Display Base and Support Arm" on pages 2-9.
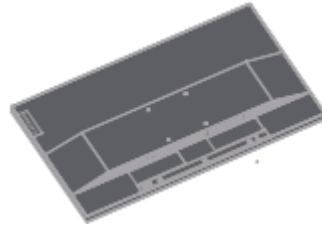
Step 4: Install the assembly bracket for the VESA compatible wall mount. (100mm x 100mm distance), VESA assembly screws M4 x 10 mm.

VESA hole
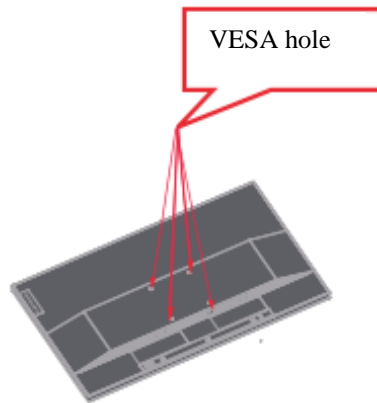
Step 5: Mount the LCD to the wall following the instructions for the wall mount. Only the lightest weight/weight-bearing wall mount from the UL list should be used: 13.7kg

Chapter 3. Reference Information

This section provides display specifications, instructions for manual installation of the display driver, troubleshooting information, and service information.

Display Specifications

Table 3-1. Display Specifications - Model H22280UL0

Size	Thickness Height Width	215mm (8.46 in.) 569.28mm (22.41 in.) 636.94mm (25.08 in.)
Support Arm	Tilt	Range: -5°~22°
VESA mount	Support	100 mm x 100 mm (3.94 in. x 3.94 in.)
Image	Viewable image size Maximum height Maximum width Pixel pitch	711.40mm (28 in.) 341.28mm (13.43 in.) 620.93mm (24.44 in.) 0.16mm (0.0063 in.)
	Response time	Off: 14ms Standard: 6ms Extremely fast: 4ms
Power input	Supply voltage Max. power supply current	100-240V AC 1.5A
Power Consumption Note: The power consumption value is the power consumption of both the display and the power supply. Note: Typical power consumption is measured at the OSD default settings.	Normal operation Standby/Hang Up Off	<50 W (max.) <30W (standard) <0.5 W <0.3 W

Table 3-1. Display Specifications - Model L28u-35

HDMI	Interface	HDMI
	Input Signals	VESA TMDS (Panel Link™)/HDMI
	Horizontal Addressing Capability	3840 pixels (max)
	Vertical Addressing Capability	2160 pixels (max)
	Clock frequency	596 MHz
Video input (DP)	Interface Input Signals Horizontal Addressing Capability Vertical Addressing Capability Clock frequency	DP VESA TMDS (Panel Link™)/HDMI 3840 pixels (max) 2160 pixels (max) 530 MHz
Communication	VESA DDC/CI	
Supported display modes	Horizontal frequency Vertical frequency	15 kHz - 160 kHz 40-62.5 Hz
	Self-resolution	3840 x 2160 @ 60 Hz
Temperature	At working time During storage During transport	0 °to 45 ℃ (32 ℉ to 113 ℉) -20 °to 60 ℃ (-4 ℉ to 140 ℉) -20 °to 60 ℃ (-4 ℉ to 140 ℉)
Humidity	At working time During storage During transport	10% to 80% (non-condensing) 5% to 95% (non-condensing) 5% to 95% (non-condensing)

Troubleshooting

If you encounter problems setting up or using your display, you may be able to solve the problem. Before contacting your dealer or Lenovo, please try the following suggested actions depending on the problem you are experiencing.

Table 3-2. Troubleshooting

Problem	Possible Causes	Recommended Operations	Refer to
"Out of Range" is displayed on the screen and the power indicator flashes white.	This display does not support the display mode set by the system	•If you are replacing an old display, reconnect it and adjust the display mode to the range supported by the new display. •If you are using a Windows system, restart the system in safe mode and select a supported display mode for your computer. •If these options do not work, please contact Customer Support.	"Select Support Display Mode" on pages 2-7
Poor image quality	The video signal cable is not well connected to the display or the system.	Make sure the signal cable is securely plugged into the system and display.	"Connecting and Powering on the Display" on pages 1-5
	The color setting may be incorrect.	Select another color setting in the OSD menu.	"Adjusting the Display Image" on pages 2-3
	The automatic image setting function is not performed.	Perform automatic image setup.	"Adjusting the Display Image" on pages 2-3
The power indicator does not light up and no images are displayed.	•The display's power switch is not turned on. •The power cord is loose or not connected. •The outlet has no electricity.	•Make sure the power cord is well connected. •Make sure the outlet has power. •Power on the display. •Change the power cord. •Change the power outlet.	"Connecting and Powering on the Display" on pages 1-5
The screen is blank and the power indicator shows yellow.	The display is in standby/hang-up mode	•Press any key on the keyboard or move the mouse to resume operation. •Check the power options settings on the computer.	"Understanding Power Management" on pages 2-8
The power indicator shows amber and no images are displayed	Video signal cable is loose or disconnected from the system or display.	Make sure the video cable is well connected to the system.	"Connecting and Powering on the Display" on pages 1-5
	The display brightness and contrast are at their lowest settings.	Adjust the Brightness and Contrast settings in the OSD menu.	"Adjusting the Display Image" on pages 2-3
One or more pixels change color	This is an inherent characteristic of LCD technology and is not an LCD defect.	If more than five pixels are missing, please contact Support Center	"Appendix A. Service and Support" on pages A-1

Table 3-2. Troubleshooting

Problem	Possible Causes	Recommended Operations	Refer to
•Blurred lines or images in text •Horizontal or vertical lines are present in the image.	•Image settings are not optimized •The system's display property settings are not optimized.	Adjust the system's resolution setting to the resolution of this display: 3840x2160 @60 Hz.	"Adjusting the Display Image" on pages 2-3
		Perform the automatic image setting. If the automatic image setting does not work, perform the manual image setting.	"Select Support Display Mode" on pages 2-7
		When using its resolution, adjusting the Dots Per Inch (DPI, dots per inch) setting on the system can further improve it.	See the Advanced section of System Display Properties.

Manually Install the Driver for the Display

Here are the steps to manually install the display driver in Microsoft Windows 7 and Microsoft Windows 10.

Installing the display driver in Windows 7

To use the Microsoft Windows 7 Plug and Play feature, do the following steps:

1. Turn off the power to the computer and all connected devices.
2. Make sure the display is properly connected.
3. Power on the display, and then power on the system unit. Let the computer start the Windows 7 operating system.
4. Find the corresponding display driver from the Lenovo website http://support.lenovo.com/docs/L28u_35 and download it to the PC to which the display is connected (e.g. desktop).
5. Open the Display Properties window as follows: Click the Start, Control Panel, Hardware, and Sound icons, and then click the Display icon.
6. Click the Change the display settings tab.
7. Click the Advanced Settings icon.
8. Click the Display tab.
9. Click the Properties button.
10. Click the Driver tab.
11. Click Update Driver, and then click "Browse the computer to find the driver program".
12. Select "Pick from the list of device driver programs on the computer".
13. Click the Hard Disk button. Click the Browse button to browse and open the following path: X:\Display Drivers\Windows 7
(where X means "the folder where the downloaded driver is located" (e.g. desktop)).
14. Select the " lenL28u-35.inf " file and click the Open button. Click the OK button.
15. In the new window, select lenL28u-35.inf, and then click Next.
16. When the installation is complete, delete all downloaded files and close all windows.
17. Reboot the system. The system will automatically select the maximum refresh rate and the corresponding color matching profile.

Installing the display driver in Windows 10

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

1. Turn off the power to the computer and all connected devices.
2. Make sure the display is properly connected.
3. Power on the display, and then power on the system unit. Let the computer start the Windows 10 operating system.
4. Find the corresponding display driver from the Lenovo website http://support.lenovo.com/docs/L28u_35 and download it to the PC to which the display is connected (e.g. desktop).
5. Open the Display Properties window as follows: Click the Start, Control Panel, Hardware, and Sound icons, and then click the Display icon.
6. Click the Change the display settings tab.
7. Click the Advanced Settings icon.
8. Click the Display tab.
9. Click the Properties button.
10. Click the Driver tab.
11. Click Update Driver, and then click "Browse the computer to find the driver program".
12. Select "Pick from the list of device driver programs on the computer".
13. Click the Hard Disk button. Click the Browse button to browse and open the following path: X:\Display Drivers\Windows 10
(where X means "the folder where the downloaded driver is located" (e.g. desktop)).
14. Select the " lenL28u-35.inf " file and click the Open button. Click the OK button.
15. In the new window, select lenL28u-35.inf, and then click Next.
16. When the installation is complete, delete all downloaded files and close all windows.
17. Reboot the system. The system will automatically select the maximum refresh rate and the corresponding color matching profile.

Unlike CRTs, LCDs, increasing the refresh rate does not improve display quality. Lenovo recommends using a 3840x2160 @ 60Hz refresh rate or 640 x 480 @ 60Hz refresh rate.

Get further help
If you are still unable to resolve the issue, please contact Lenovo Support. For more information on contacting the Support Center, see "Appendix A. Service and Support" on page A-1.

Appendix A. Services and Support

The following information describes the technical support available to you during the warranty period or lifetime of the product. For a complete explanation of Lenovo's warranty terms, see the Lenovo Limited Warranty.

Register Your Option

Please register to receive product service and support updates as well as free and discounted computer accessories and content. Visit: http://www.lenovo.com/register

Online Technical Support

Enjoy lifetime online technical support for your product:
http://www.lenovo.com/support

During the warranty period, the product is also covered by replacement assistance or defective component replacement services. In addition, if your option is installed in a Lenovo computer, you may be entitled to on-site service. Lenovo technical support representative can help you determine the best way to proceed.

Telephone Technical Support

The Customer Support Center will continue to provide installation and netting support for 90 days after the option is removed from the market. After this time, Lenovo will, at its discretion, no longer provide support or provide paid support. Other support services are charged at the published cost.

Before contacting the Lenovo Technical Support representative, please have the following information ready: option name and number, proof of purchase, computer manufacturer, model, serial number and manual, exact content of error messages, description of the problem, and hardware and software configuration information for your system.

A technical support representative may be available by phone to guide you through the problem while you are at the computer.

Phone numbers are subject to change without notice. For an updated list of telephone numbers for Lenovo support services, please visit: http://www.lenovo.com/support

Country or Region	Phone 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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Lenovo encourages owners of information technology (IT) equipment to take responsibility for recycling the equipment they no longer need. For information on recycling Lenovo products, please visit: http://www.lenovo.com/recycling

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http://www.ibm.com/jp/pc/service/recycle/pcrecycle/ をご参照ください。

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