



ThinkVision E20-30

User Guide

Machine Type: 62F7-KAR4-WW



Product No.

H22195HE0

62F7-KAR4-WW

C€

Version 1 (November 2021)

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Safety Matters

General Safety Principles

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

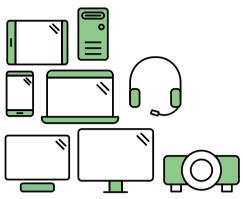
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Перед установкой продукта прочтите инструкции по технике безопасности.

Lees voordat u dit product installeert eerst de veiligheidsvoorschriften.

Note: This equipment is not suitable for use in locations where children are likely to be present.





Say hello to a more sustainable product

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!

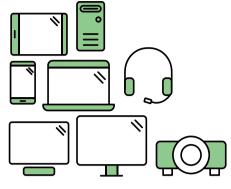
Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the 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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Toward sustainable IT products



Say hello to a more sustainable product

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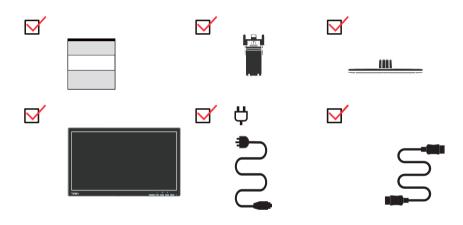
Chapter 1. New Member Guide

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
- ∎Base
- ■Power Cord
- ■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 stand assembly bracket with the display.

3. Insert the base into the stand until it snaps into place.

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.



Display Control

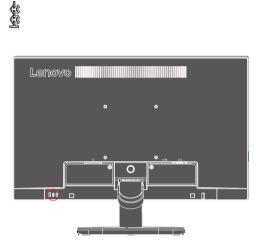
Different functions can be used through the key controls on the panel frame.



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

Kensington anti-theft lock

Your display is equipped with a Kensington anti-theft lock, which is located on the back of the display.





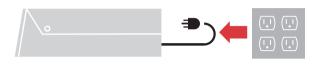
Set Up the Display

This section describes how to set up the display.

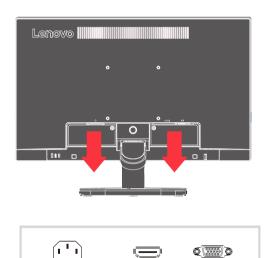
Connecting and Powering on the Display

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

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

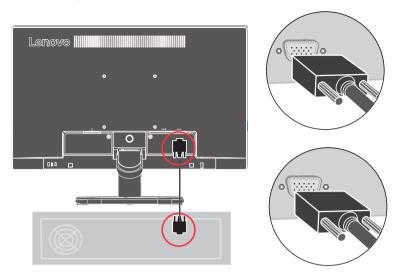


2. Connect the cables as shown in the figure below.

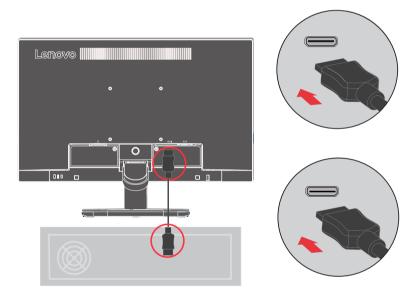


Н

3. For computers with VGA connections.

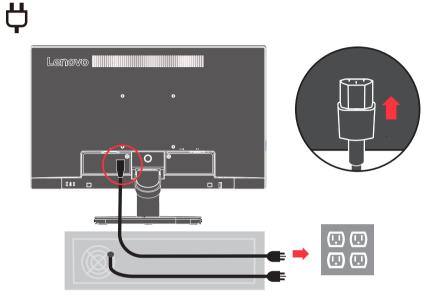


4. For computers with HDMI connections.

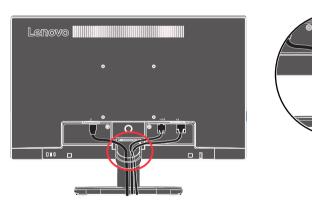


5. Plug the power cord into the display, and then plug the display power cord and computer cord into a grounded power outlet.

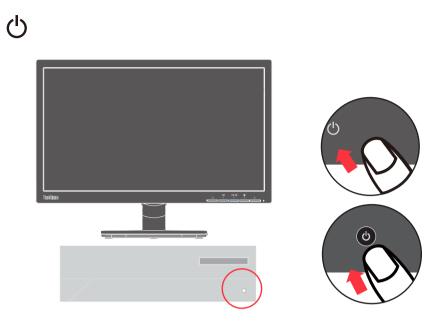
Note: A certified power cord must be used for this equipment. The installation and/o r equipment regulations of the country concerned should be taken into account. The certified power cable used should not be lighter than the normal PVC cable (marked H05VV-F 3G 0.75mm² or H05VVH2-F2 3G 0.75mm²) as specified in IEC 60227. In addition, synthetic rubber cords as specified in IEC 60245 (marked H05RR-F 3G 0.75mm²) should be used.



6. Use wire clips when connecting cables.

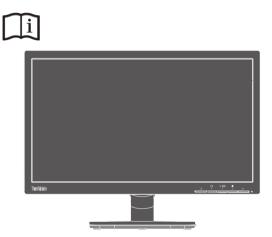


7. Turn on the power to the display and computer.



8. When you install the display driver, download the driver that corresponds to your display model from the Lenovo website at

http://support.lenovo.com.cn/. To install the driver, see 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.

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:

- Viewing Distance: 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: If your display is not height-adjustable, place 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.

Accessibility Information

Lenovo is committed to providing greater access to information and technology for people with disabilities. With assistive technologies, users with disabilities can access information most appropriate for their specific situation. Some of these technologies are already available in the operating system; others can be purchased through resellers or by visiting the following website: https://lenovo.ssbbartgroup.com

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	Ċ	Power	Power on/off
	∎	Menu	To access the OSD menu Press to confirm the selection Press and hold for 10 seconds to lock the menu/unlock the menu
2	Ļ	Enter	Press to go to the next level/submenu status of the main menu, or the previous level of the adjustment bar
	☆∣⊚	Enable low blue light	Press and hold for 3 seconds to enable low blue light
3		Disable low Blue light	Press and hold for 3 seconds to disable low blue light
	-ờ-		Brightness adjustment
	→	Downward/Increase	Downward Browsing Key Increase the value on the adjustment bar/Adjustment Press down to move to the next item
	$\Box 0$	Automatic adjustment	Screen optimization (size, position, phase and clock) (analog [VGA] sources only)
4	←	Upward/Decrease	Upward Browsing Key Decrease the value on the adjustment bar/Adjustment Press down to move to the previous item
		Input source	Signal source switching Return to previous level in OSD mode
5	G	DDC-CI	Press and hold for 10 seconds to enable/disable the DDC-CI function.
		Exit	Exit Menu

Use the On-Screen Display (OSD) Control

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

Lenovo	E20-30	MART N	×
Quick controller	Brightness Contrast	75 75	
Advanced settings E Menu Settings			Lenovo
Input Signal : HDMI	Resolution : 1600*900	Refresh Rate : 60Hz	

Use controls:

1. Press 🔳 to open the OSD Main Menu.

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

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

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

5. DDC/CI is enabled by default. Press in 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.



Energy Star is an energy saving program for consumer electronics led by the U.S. government. It was launched in 1992 by EPA and DOE to reduce energy consumption and greenhouse gas emissions. Energy Star logo is a symbol of energy conservation and environmental protection. It improves the concept of energy efficiency of consumers and manufacturers, and effectively guides the market.

The regulation of Energy Star improves energy efficiency and reduces air pollution by using 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 for monitors conform to Energy Star certification. Any changes by users for more features and functionalities may increase power consumption, which will exceed the limitation of Energy Star's standard. If the user changes the options related to energy efficiency when using, such as brightness, color mode, etc., select All Reset Factory or choose the Energy Star option, the power consumption will be restored to the energy efficiency with Energy Star standard.

For more information, please refer to (www.energystar.gov/products). All products of Energy Star will be posted online and can be accessed directly by governments, public institutions and consumers.

Table 2-1. OSD Functions

Main Menu	Submenu	Description	Controls and Adjustment
- Ċ - Quick	Brightness Adjustment	Adjust the overall brightness of the screen	
controller	Contrast Adjustment	Adjusts the degree of difference between bright and dark areas	
	Input	Automatic input switching	
• +		Select VGA port	Signal source switching
Port Settings		Select the HDMI port	
r on Settings	Dynamic Contrast	On/Off	Power Usage Changing this setting will increase power usage. CHANGE CANCEL
	Color Mode	•Adjusts the intensity of red, green, and blue Cool color temperature Standard color temperature Warm color temperature User	
Advanced	Scenario Mode	Initial settings Digital Movie Professional Image Image Production Video Production Low Blu Light	
Settings	Dynamic Response	Off/On	
	Button Repetition Rate	Off/Default/Slow	
	Aspect Ratio	On/Off	Non-16:9 signal adjustable
	Auto Set	Optimize Image	
	Clock	Adjusts the number of pixels that can be scanned in one horizontal scan	
	Phase	Adjusts the phase of the pixel	VGA input port
	Horizontal Position	Shift the image left and right	1
	Vertical Position	Shift the image up and down	

	Language	Changing the menu language The selected language only affects the language of the OSD and does not affect any software running on the computer	
Menu Settings	OSD Display Time Setting	Set the duration of the OSD display when no operation is performed	
	Menu Horizontal	Move the OSD left and right	
	Menu Vertical	Move the OSD up and down	
	Transparency	0-100	
	Restore factory settings	No	
		Yes (Restore the display to its initial 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 the system has previously been used in conjunction with a CRT display and is currently configured for a display mode outside the range of that display, you may need to temporarily reconnect the CRT display until the system has been reconfigured; it is best to set it to 1600x900 (60Hz), the normal display mode.

The display modes shown below are factory optimized.

Timing sequence	Refresh rate (Hz)
PAL	50Hz
640x480	60Hz, 72Hz, 75Hz
720x400	70Hz
800x600	56Hz, 60Hz, 72Hz, 75Hz
832x624	75Hz
1024x768	60Hz, 70Hz, 75Hz
1152x864	75Hz
1280x1024	60Hz, 70Hz, 75Hz
1440x900	60H
1600x900	60Hz

Table 2-2. Display modes set by the manufacturer

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.

Status	Power indicator	Screen	Recovery Operation
On	White	Normal	
Standby/Hang up	Amber	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.
Off	Off	Blank	Press the power button to power on. There may be a slight delay before the image is redisplayed.

Table 2-3. Power Indicators

Power Management Mode

VESA Mode		Vertical			Power
	Synchronization	Synchronization		indicator	consumption
Normal Operation	Active	Active	Events	White	15W (Max)* 12W (typical)
Active-Off Mode	Inactive	Inactive	Close		Less than 0.5W
Off	-	-	_	-	Less than 0.3W

* 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.

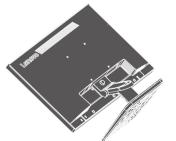
Step 2: Remove the stand from the display.



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 :

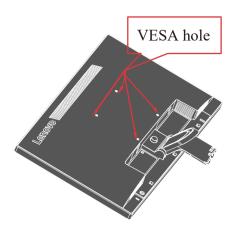
Step 1: Make sure the power button is off and unplug the power cord. Step 2: Place the LCD face down on a towel or blanket.



Step 3: Remove the base and stand 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.



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: 8kg

Note: When using the flexible arm, the display should not be tilted downward by more than 5 degrees.

Chapter 3. Reference Information

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

Display Specifications

Table 3-1. Display Specifications - Model H22195HE0

Size	<i>Specifications - Model H2219</i> Thickness	179.7mm (7.08 in.)
	Height	352.6mm (13.88 in.)
	Width	464.8mm (18.30 in.)
Support Arm	Tilt	Range : $-5^{\circ} \sim 22^{\circ}$
VESA mount	Support	100 mm x 100 mm (3.94 in. x 3.94 in.)
Image	Viewable image size	495.3mm (19.5 in.)
	Maximum height	236.34 mm (9.30 in.)
	Maximum width	433.92mm (17.08 in.)
	Pixel pitch	0.2712mm (0.11 in.)
Power input	Supply voltage Max. power supply current	100-240V AC 1.2A
Power Consumption	Normal operation	<15 W (max.) <12 W (standard)
Note: The power consumption value	Standby/Hang Up	<0.5 W
is the power consumption of both the display and the power supply.	Off Note: No USB/camera/external speakers	<0.3 W
Video input	Interface	VGA
(analog)	Input Signal	Analog direct drive, 75 Ohm 0.7V
	Horizontal Addressing Capability	1600 pixels (maximum)
	Vertical Addressing Capability	900 pixels (max)
	Clock frequency	210 MHz (max)
HDMI	Interface	HDMI
	Input Signals	VESA TMDS (Panel Link™)/HDMI
	Horizontal Addressing Capability	1600 pixels (max)
	Vertical Addressing Capability	900 pixels (max)
	Clock frequency	210 MHz (max)
Communication	VESA DDC/CI	

Supported display	Horizontal frequency	30 kHz - 83 kHz
modes	Vertical frequency	50 Hz - 75 Hz
	Self-resolution	1600 x 900 @ 60 Hz
Temperature	At working time	0° to 40°C (32°F to 104°F)
	During storage	-20° to 60°C (-4°F to 140°F)
	During transport	-20° to 60°C (-4°F to 140°F)
Humidity	At working time	10% to 80% (non-condensing)
	During storage	5% to 95% (non-condensing)
	During transport	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.

Problem	Possible Causes	Recommended Operations	Refer to
"Out of Range" is displayed on the screen and the power indicator flashes white.	1 0	 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		Make sure the signal cable is securely plugged into the system and display.	"Connecting and Powering on the Display" on pages 1-4
	The color setting may be incorrect.	the OSD menu.	"Adjusting the Display Image" on pages 2-3
	The automatic image setting function is not performed.	-	"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. 		"Connecting and Powering on the Display" on pages 1-4
The screen is blank and the power indicator shows yellow.	The display is in standby/hang-up mode	keyboard or move the mouse to resume operation.	"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.	-	"Connecting and Powering on the Display" on pages 1-4
	and contrast are at their lowest settings.	menu.	"Adjusting the Display Image" on pages 2-3
One or more pixels change color		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	not optimized •The system's display property settings are not optimized.	Adjust the system's resolution setting to the resolution of this display: 1600x900 @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.

Manual Image Settings

If the automatic picture setting does not provide a picture you are satisfied with, you can perform a manual picture setting. (VGA [Analog] only)

Note: Turn on the power to the display and wait for about 15 minutes to allow the display to warm up.

1. Press **t**o open the OSD menu.

2. Use \leftarrow or \rightarrow to select "Advanced Settings", and press \leftarrow .

3. Use \leftarrow or \rightarrow to select "Auto Settings", and press \leftarrow to access.

4. Use \leftarrow or to select Clock or Phase, and then use \leftarrow or \rightarrow to adjust the value.

Clock: (pixel frequency) adjusts the number of pixels that can be scanned in one horizontal scan. If the frequency is incorrect, vertical bars may appear on the screen and the picture width may be incorrect.

Phase: adjusts the phase of the pixel clock signal. When the phase is not adjusted correctly, horizontal disturbances may appear in the bright picture.

5. When the image no longer looks distorted, press Enter to save the Clock and Phase adjustments.

6. Press \bigcirc to exit the OSD menu.

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.cn/ 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 "lenE20-30.inf" file and click the Open button. Click the OK button.

15. In the new window, select LENE20-30, 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.cn/ 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 "lenE20-30.inf" file and click the Open button. Click the OK button.

15. In the new window, select LENE20-30, 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.

Note: Unlike CRTs, LCDs, increasing the refresh rate does not improve display quality. Lenovo recommends using a 1600x 900 @ 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

Telephone Technical Support

Country or Region	Phone number
China	400-990-8888

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Only the power cord and adapter provided by the product manufacturer should be used. Do not use AC power cords from other devices.

Reminder of the "Regulations on the Management of Waste Electrical and Electronic Equipment Recycling"

with national laws and regulations on the recycling of waste electrical and electronic products. For more information on recycling services, please click here http://support.lenovo.com.cn/activity/551.htm

Reminder for China Environmental Labeling Product Certification

Zero power consumption can be achieved only when the product is not connected to any external input power; replaceable parts are guaranteed for 3 years after the product is sold.