

Lenovo Legion Pro 34WD-10 A243403Y0 User Guide

Lenovo

Product numbers

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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.

+28V output of USB Type-C is non-L.P.S. and only for specially protocol uses.
The connected additional equipment is notebook of Lenovo which must have fire enclosure or comply with L.P.S. For specific equipment, please go to <https://pcsupport.lenovo.com>

The machine does not support 360 screen rotation.

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

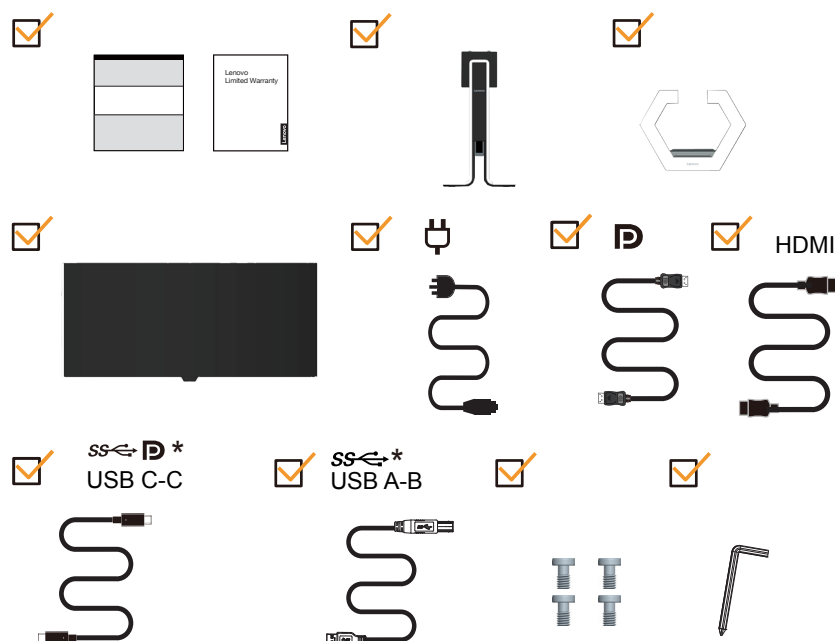
This User's Guide provides detailed operation instructions for the user. For quick instruction overview, please see the Setup Poster for brief information.

Legion Pro 34WD-10 supports Lenovo Accessories and Display Manager -**Artery**.

Shipping contents

The product package should include the following items:

- Information Flyer
- Lenovo Limited Warranty Booklet
- Stand
- Base
- Curved Panel Monitor
- Power Cord
- DP Cable
- HDMI Cabel
- USB C-C Cable(20V,7A)
- USB A-B Cable
- Screws
- Screwdriver



Note1: * Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.1 Gen 1; 10 Gbit/s

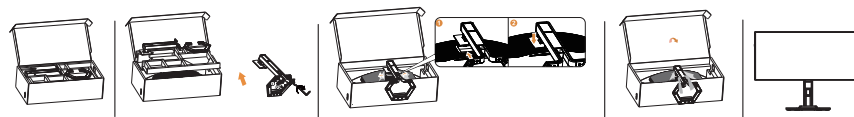
for USB 3.1 Gen 2 & 20 Gbit/s for USB 3.2.

Note2: Please use the original cable with the product, other cable may cause defects.

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. Take out the Top cushion and accessories.
 2. Insert base towards the stand and tighten the thumbscrews.
 3. Mounting the stand to monitor's recess. Press the stand down till it snaps into place.
 4. Stand up the monitor with both hands carefully.
- Note:** To install a VESA mount, please see "Wall Mounting (Optional)" on page 2-13.

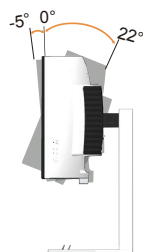
Product overview

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

Types of adjustments

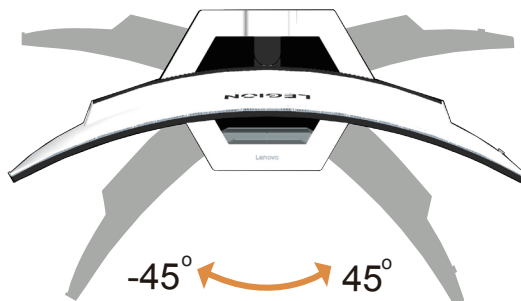
Tilt

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



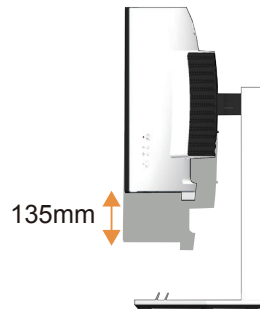
Swivel

With the built-in pedestal, you can tilt and swivel the monitor for the most comfortable viewing angle.



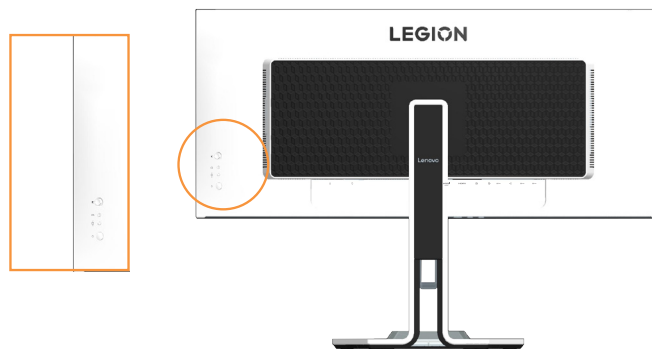
Height Adjustment

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



Monitor controls

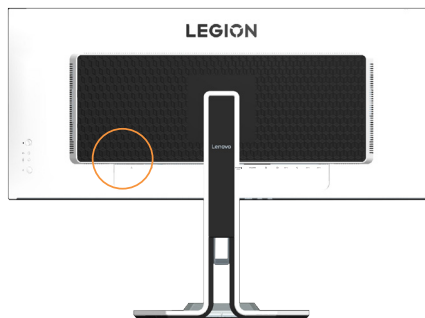
The keypad controls on the panel frame are accesses to various functions.



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.



Kensington Lock Slot	2.5mm x 6mm and 3mm x 7mm
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Setting up your monitor

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

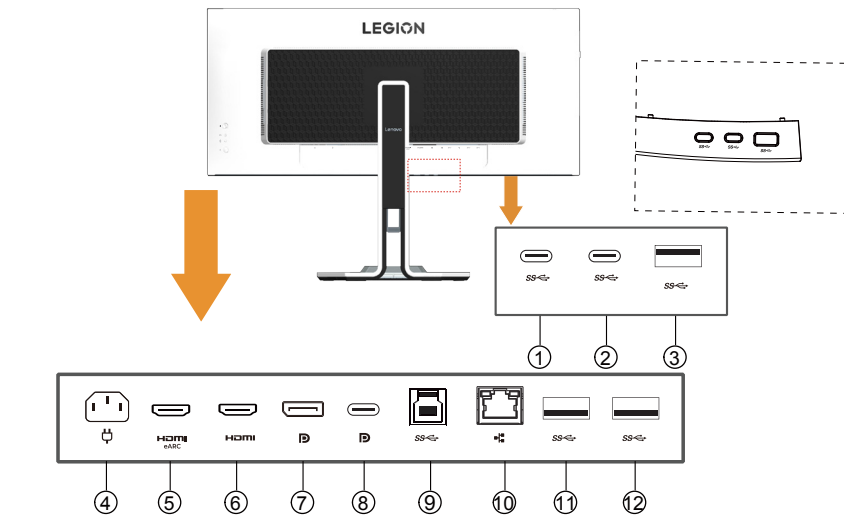
Connecting and turning on your monitor

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.

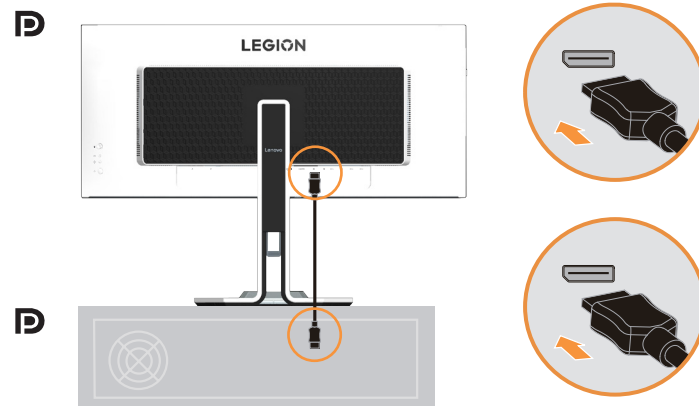


2. Connect the cables according to below icon indication.



1	USB C downstream	7	DP
2	USB C downstream	8	DP(USB C upstream)
3	USB3.2 Gen1	9	USB B upstream
4	Power	10	RJ45 Input
5	HDMI eARC	11	USB3.2 Gen1
6	HDMI	12	USB3.2 Gen1

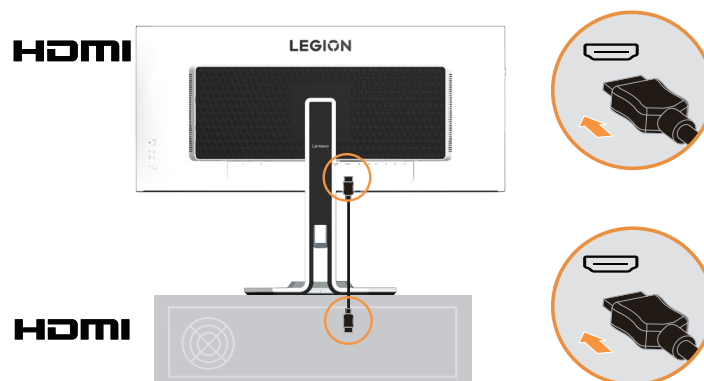
-
3. For computer in DP connecting.



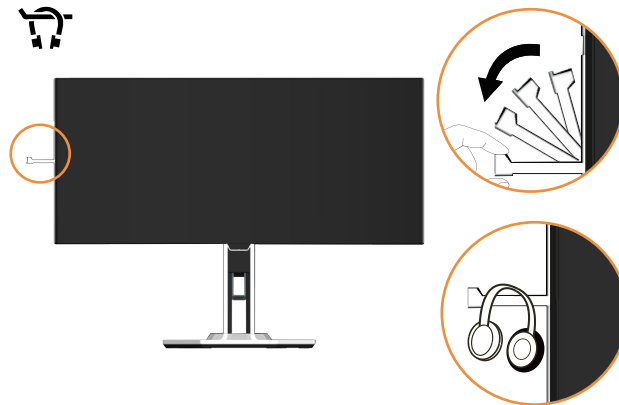
4. For computer in HDMI connecting.

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. The place of hanging a headset.
- Open headphones hanging slots.

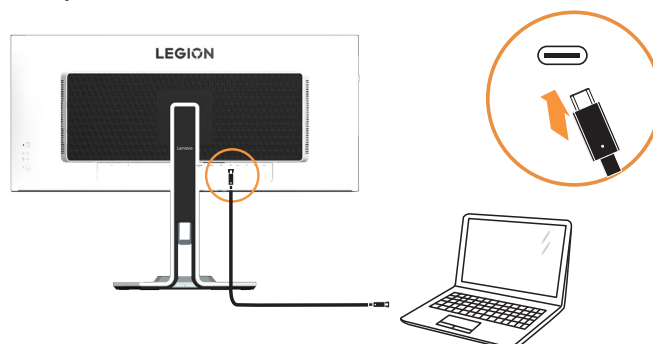


- Close headphones hanging slot



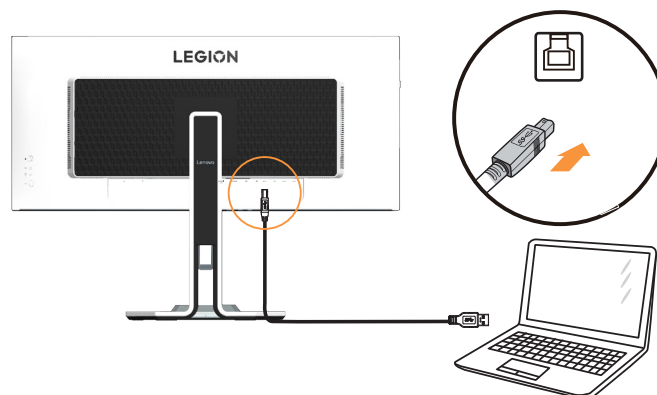
-
6. For computer in USB C-C connecting.
Note: The maximum power output of USB-C can up to 140W when other USB port are not loaded(in use).

D *



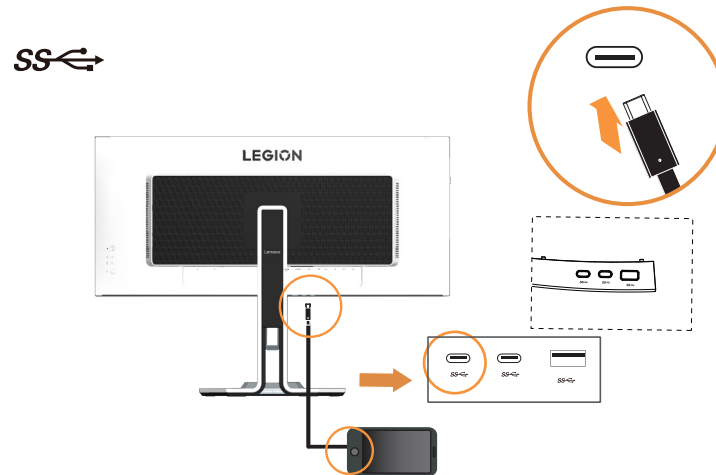
7. For computer in USB Type A-B connecting.

SS USB *

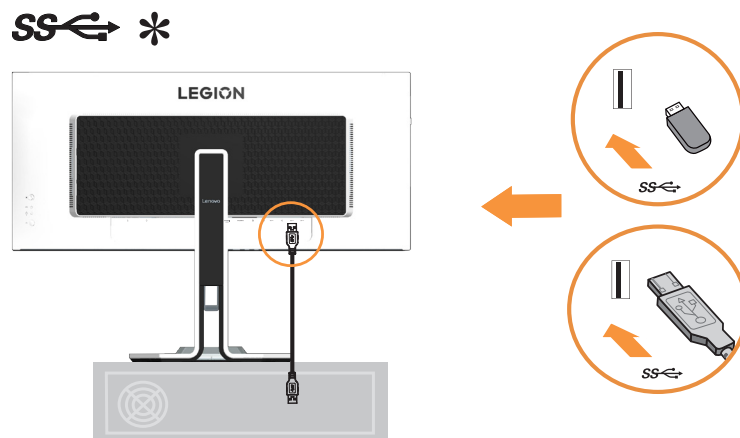


-
8. Connect one end of the USB cable to the USB downstream terminal of the monitor, and connect the other end of the USB cable to an appropriate USB port on your device.

Note: The USB downstream port provide power while connecting upstream cable in on mode or standby mode.

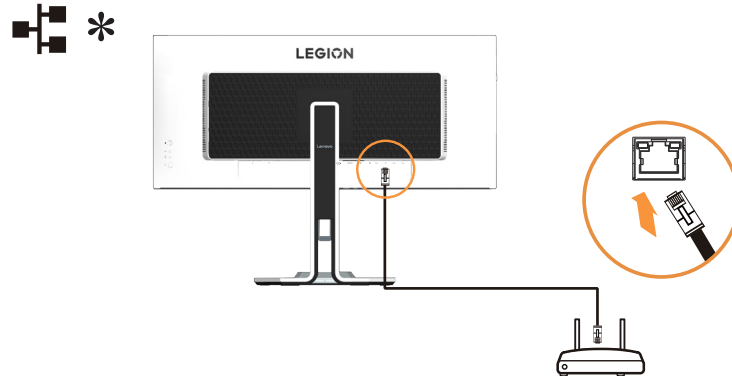


9. Connect one end of the USB cable to the USB downstream terminal of the monitor, and connect the other end of the USB cable to an appropriate USB port on your device. **Note:** The USB downstream port does not provide power while the monitor switch is off.



If there are any * tag, you can consult the comments on page 1-1.

-
10. Connect one end of the network cable connector to the Ethernet interface of the monitor and the other end to the router.



Note 1: To connect USB cable to enable the function.

Note 2: The Thunderbolt mode always stay in the networked standby mode , there is no standby&sleep in this mode.

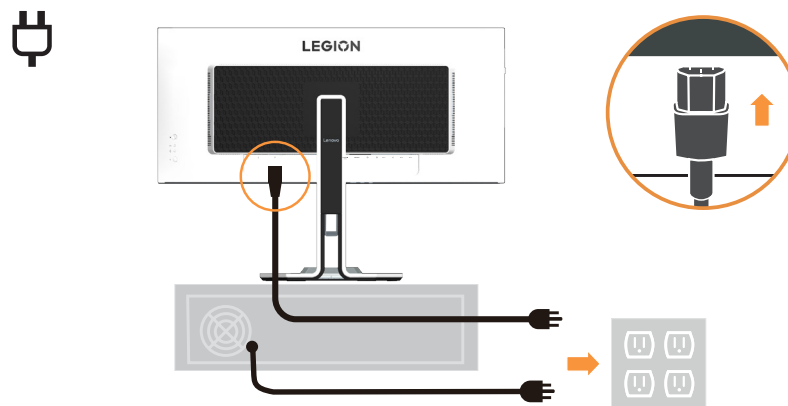
Note 3: This product can support 10M/100M/1000M/2.5G Gigabit Ethernet .Please be sure the setting is correct in OS if the network cannot work well.

Note 4: Values of Ethernet are subject to actual measurement.

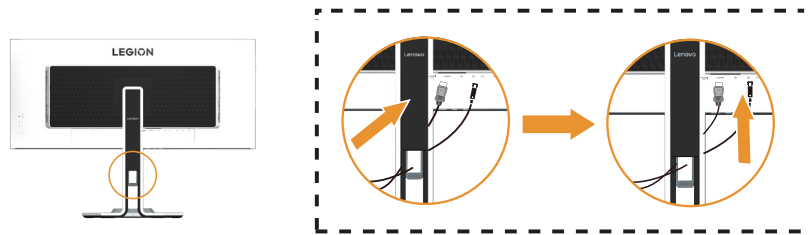
Note 5: Please download the software "DRAGON" to get a state of ethernet optimization function.

11. Insert the power cord into the monitor, then plug the monitor power cord and the computer cord into grounded electrical outlets.

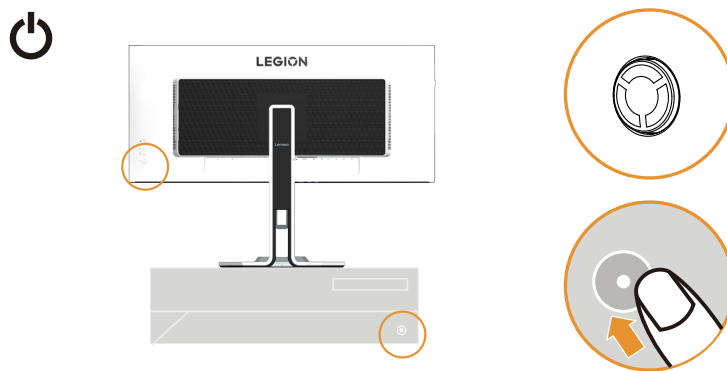
Note: A certified power supply cord has to be used with this equipment. The relevant national installation and or equipment regulations shall be considered. A certified power supply cord not lighter than ordinary polyvinyl chloride flexible cord according to IEC 60227 (designation H05VV-F 3G 0.75mm² 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.



12. Assembled cables with Line Cleaner as shown below.



13. Power on the monitor and the computer.



14. When you install the monitor driver, download the driver that corresponds to your monitor model from the Lenovo website https://pcsupport.lenovo.com/solutions/legion_pro_34wd_10. Refer to the “Manually installing the monitor driver” on page 3-5” section to install the driver.



Note : Please do not touch the sensor and light bar fingerprints, scratches or damage may effect its performance ESD may effect the sensor and light bar operation.

Registering your option

Thank you for purchasing this Lenovo™ product. Please take a few moments to register your Product and provide us with information that will help Lenovo to better serve you in the future. Your feedback is valuable to us in developing product and services that are important to you, as well as in developing better ways to communicate with you. Register your option on the following Web site:

<http://www.lenovo.com/register>

Lenovo will send you information and updates on your registered product unless you indicate on the Web site questionnaire that you do not want to receive further information.

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 your 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.
- **Swivel:**With the built-in pedestal, you can tilt and swivel the monitor for the most comfortable viewing angle.
- **General location:** Position your monitor to avoid glare or reflections on the screen from overhead lighting or nearby windows.
- **ESD:** Please do not touch the sensor fingerprints, scratches or damage may effect its performance ESD may effect the sensor operation.

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.

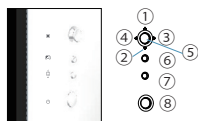
- **Good posture starts with equipment setup:** The layout of your work area and the setup of your computer equipment have a large effect on your posture while using your computer. Be sure to optimize the position and orientation of your equipment by following the tips outlined in “Arranging your work 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 assuming 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

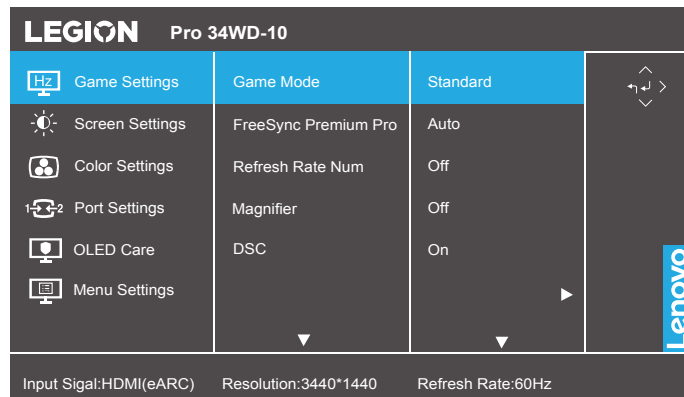
The direct access controls can be used when the On Screen Display (OSD) is not displayed.



	Icon	Control	Description
1	△	Up	(1)It is a shortcut for adjusting Brightness while there is no OSD on the screen. (2)Press to move lighting-indicator on main menu up to last one. (3)Press to increase current values on adjustment bar.
2	▽	Down	(1)It is a shortcut for adjusting Brightness while there is no OSD on the screen. (2)Press to move lighting-indicator on main menu down to next one. (3)Press to decrease current values on adjustment bar.
3	◀	Left	(1)It is a shortcut for adjusting Magnifier while there is no OSD on the screen. (2)Press to move backwards through the sub menus. (3)Press to increase(decrease) current values on adjustment bar.
4	▶	Right	(1)It is a shortcut for adjusting Volume while there is no OSD on the screen. (2)Press to enter sub menu. (3)Press to decrease(increase) current values on adjustment bar.
5	⊙	Menu/OK	(1)Press to open main menu while there is no OSD on the screen . (2)Press to enter next level on main menu or sub menu , or move backwards through the sub menus. (3)Press and hold for 10 seconds to Lock/un-Lock all menu.
6	⎓	KVM	(1) It is a shortcut key for directly opening the menu of KVM switch while there is not any OSD on the screen. (2) Press and hold for 5 seconds, then menu of game mode will be opened
7	1↔2	Source-selecting	(1)It is a shortcut for changing input signal while there is no OSD on the screen or on power-saving mode. (2)Press and hold for 10 seconds to Enable/Disable the "DDC/CI" .
8	⦿	Power	Press to turn On/Off the monitor.

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.

Table 2-1. OSD functions

OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
Game Settings	Game Mode	<ul style="list-style-type: none"> • Standard • FPS1 • FPS2 • Racing • RTS • Game1 • Game2 	All input ports
	AdaptiveSync	<ul style="list-style-type: none"> • Auto (AMD FreeSync Premium Pro) • Off 	for DP/USB-C ports
	FreeSync Premium Pro	<ul style="list-style-type: none"> • Auto • Off 	for HDMI ports
	Refresh Rate Num	Off/Left Top/Right Top/Left Bottom/Right Bottom	All input ports
	Magnifier	On/Off	
		Scope	
		Size	
	DSC	<ul style="list-style-type: none"> • Off • On 	
Screen Settings	Brightness	Adjusts overall screen brightness. Note: If the brightness is continuously increasing, it will exceed the preset maximum brightness value and increase power consumption.	All input ports
	Contrast	Adjusts difference between light and dark areas.	
	*HDR	<ul style="list-style-type: none"> • Auto • HDR Photo • HDR Movie • HDR Game • HDR Off 	
	Ambient Light Detection	<ul style="list-style-type: none"> • On • Off 	
	Dark boost	<ul style="list-style-type: none"> • Level1 • Level2 • Level3 • Level4 	
	Scaling Mode	<ul style="list-style-type: none"> • Original AR • Full Screen 	
	Sharpness	0-100	
	Relative Gamma	-0.4/-0.2/Default/+0.2/+0.4/Off	
	Video range	<ul style="list-style-type: none"> • Auto • Full range 0-255 • Limited range 16-235 Note: Refers to RGB range of HDMI input.	for HDMI ports

OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
Color Settings	Color Temp.	DCI-P3/sRGB/Warm/Neutral/Cool/User *User mode can enter layer4 for RGB select, and enter layer 5 for RGB value tuning via slide bar.	All input ports
	6-axis Color	• 6-axis Hue • 6-axis Saturate	
*Enable the display HDR function requires that the connected PC system supports the HDR function.			
Port Settings	Input Signal	• Auto Switch Input • USB-C • DP • HDMI(eARC) • HDMI	All input ports
	True Split	• Off • Mode1 • Mode2 • Mode3 • Mode4	for DP/USB-C ports
	PIP/PBP	• PIP/PBP • Swap • PBP Source • PIP Source • Audio Source Note: Activate the True-split function of PBP 3:1 would restrict the True-split-1 for USB-C only, and the image resolution is significantly affected by input device.	All input ports
	KVM Selection	• KVM • USB-C Priority • USB-C Source • USB-B Source	
	USB	• USB always On • Super USB-C Charging • Smart Power • USB Select	
	DP Select	• DP1.2 • DP1.4	
	HDMI Select	• HDMI 2.0 • HDMI 2.1	for HDMI ports
	Mirrored Power Button	• USB-C • HDMI	for USB-C/HDMI ports

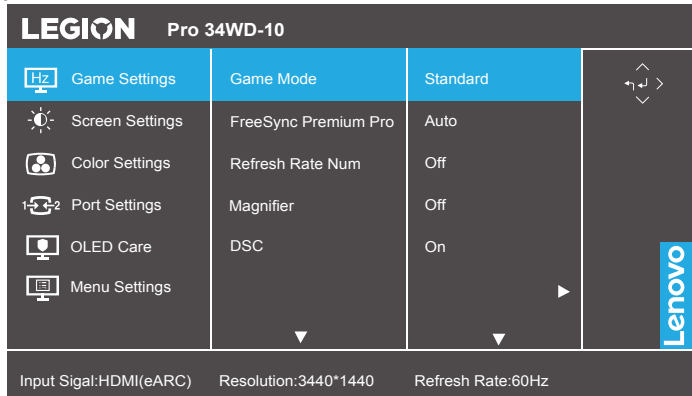
OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
OLED Care	Smart Panel Brightness	<ul style="list-style-type: none"> • On • Off 	OLED luminance optimization.
	Smart Pixel Adjustment	<ul style="list-style-type: none"> • Slow • Normal • Fast 	Pixel Shifting to prevent OLED degradation.
	* ^[1] Smart User Detection	<ul style="list-style-type: none"> • Off • 5 min • 10 mins • 15 mins 	Monitor used for more than 4 hours continuously, the screen protection will automatically activate after the user leaves the monitor.
	* ^[2] Screen Protection		
	Screen Protection Notice	<ul style="list-style-type: none"> • Off • Interval 6hr • Interval 8hr 	Screen protection notification time setting.
<p>*^[1] The optimal distance between the user and the front of the monitor is 300 - 1,000 mm (about 12 - 40 inches) The sensor might not work correctly due to bright lights.</p> <p>*^[2] Please use the screen protection function to avoid image sticking or color spots on the display due to long periods of static images. Image sticking or color spots caused by prolonged use are not covered under this product's warranty.</p>			

OSD Icon on Main Menu	Sub menu	Description	Controls and Adjustments
Menu Settings	Information	<ul style="list-style-type: none"> • Model • Firmware • Serial Number • HDR • Mode • Format • FreeSync Premium Pro Note: Freesync Premium Pro needs to be displayed when both Freesync and HDR are enabled in the source signal.	All input ports
	Language	Select OSD Languages. Note: The language chosen only affects the language of the OSD. It has no effect on any software running on the computer.	
	eARC	<ul style="list-style-type: none"> • Auto • Off 	
	Volume	0-100	
	Lighting	<ul style="list-style-type: none"> • Off • On 	
	Button Repeat Rate	<ul style="list-style-type: none"> • Default • Slow • Off 	
	LED indicator	<ul style="list-style-type: none"> • Off • On 	
	OSD Timeout	5-60	
	Menu Position	Adjust bar 0~100(H,V)	
	Transparency	<ul style="list-style-type: none"> • 0 • 20 • 40 • 60 • 80 • 100 	
	DDC/CI	<ul style="list-style-type: none"> • On • Off 	
	Reset All Settings	<ul style="list-style-type: none"> • Cancel • Factory Reset 	

Waves MaxxAudio Function

Waves MaxxAudio is a powerful, studio-quality software suite that transforms the sound of the speakers, delivering a richer and purer sound, immersing the listener in an authentic and easy to the ears sound experience. With clearer highs, enhanced bass, and increased volume, MaxxAudio on Lenovo Legion Pro 34WD-10 provides a better listening performance for standard, and gaming.

Please select the option in OSD Game Mode for standard or gaming audio performance.



Game Mode	<ul style="list-style-type: none">• Standard (waves standard mode)• FPS1• FPS2• Racing• RTS• Game1• Game2
-----------	---

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, OLED 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 3440 x 1440 at 60Hz, which is a common display mode.

Note: According to the VESA standard, there may be a certain error (+/-1Hz) when calculating the refresh rate (field frequency) of different operating systems and graphics cards. In order to improve compatibility, the nominal refresh rate of this product has been rounded off. Please refer to the actual product.

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

Table 2-2. Factory set display modes

Timing	Refresh rate(Hz)
720x400	70Hz
640x480	60Hz
640x480	72Hz
640x480	75Hz
800x600	60Hz
800x600	72Hz
800x600	75Hz
832x624	75Hz
1024x768	60Hz
1024x768	70Hz
1024x768	75Hz
1280x800	60Hz
1280x1024	60Hz
1280x1024	75Hz
1440x900	60Hz
1600x900	60Hz
1680x1050	60Hz
1680x1050	70Hz
1920x1080	60Hz
1920x1080	120Hz
2560x1440	60Hz
2560x1440	120Hz
3440x1440	60Hz

3440x1440	100Hz
3440x1440	120Hz
3440x1440	165Hz
3440x1440	180Hz
3440x1440	240Hz

Supports game console modes :

PS 5	<ul style="list-style-type: none"> • 1080p@60Hz • 1080p@120Hz • 720p@60Hz • 1440p@60Hz • 1440p@120Hz • 720p@120Hz • 720p@60Hz
PS 4	<ul style="list-style-type: none"> • 1080p@60Hz • 1440p@60Hz • 1440p@120Hz • 720p@120Hz • 720p@60Hz
X BOX one x	<ul style="list-style-type: none"> • 1080p@60Hz • 1080p@120Hz • 1440p@60Hz • 1440p@120Hz • 720p@120Hz • 720p@60Hz
X BOX one s	<ul style="list-style-type: none"> • 1080p@60Hz • 1080p@120Hz • 1440p@60Hz • 1440p@120Hz • 720p@120Hz • 720p@60Hz

If the display does not support 3440x1440@165Hz/3440x1440@180Hz/3440x1440@240Hz, please try to turn on DSC.

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	320 W (maximum)* 64 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:

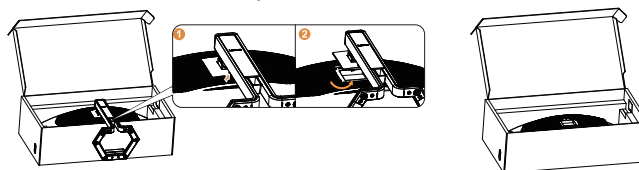
- Apply water or liquid directly to your monitor.
- Use solvents or abrasives.
- Use flammable cleaning materials to clean your monitor or any other electrical equipment.
- Touch the screen area of your monitor with sharp or abrasive items. This type of contact may cause permanent damage to your screen.
- 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

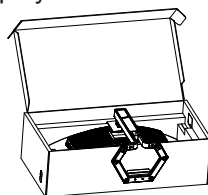
After placing the monitor face down on box with caution protected, push the hook of the stand and lift the stand up to remove it from the monitor.



Wall Mounting (Optional)

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

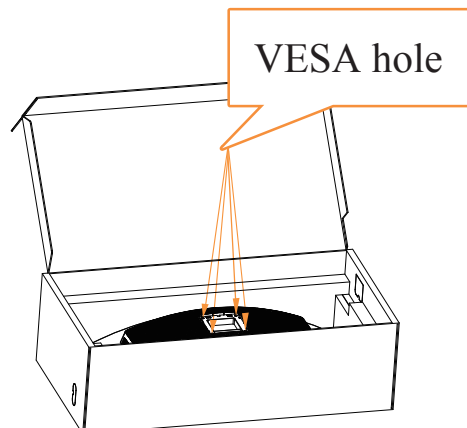
- Step 1: Verify that the power button is turned off, then disconnect the power cord.
Step 2: Lay the OLED display face down on a towel or blanket.



- Step 3: Remove the base and stand from the monitor, refer to "Detaching the monitor base and stand" on page 2-13.



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 OLED 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

Note1: When you use a flexible arm, do not tilt the monitor downward by more than 5 degrees.

Note2: The machine does not support 360 screen rotation.

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 Legion Pro 34WD-10

Dimensions	Depth	262.9 mm (10.35 in.)
	Height	577.5 mm (22.74 in.)(highest lift position) 442.5 mm (17.42 in.)(lowest lift position)
	Width	789.6 mm (31.09in.)
Stand	Tilt	Range: -5°~22°
VESA mount	Supported	100 mm x 100 mm (3.94 in. x 3.94 in.)
Image	Viewable image size	862.199mm(33.94in.)
	Maximum height	332.93mm(13.11in.)
	Maximum width	795.33mm(31.31in.)
	Pixel pitch	0.231mm(H)*0.231mm(V)
Power input	Supply voltage	100-240V AC
	Max supply current	4A
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	<320 W (Max) <64 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	3440 pixels (max)
	Vertical addressability	1440 lines (max)
	Clock frequency	1400 MHz (max)
HDMI	Interface	HDMI
	Input signal	VESA TMDS (Panel Link™)
	Horizontal addressability	3440 pixels (max)
	Vertical addressability	1440 lines (max)
	Clock frequency	1400 MHz (max)
Communications	VESA DDC/CI	

Supported Display Modes	Horizontal frequency	30kHz-385kHz
	Vertical frequency	48Hz-240Hz
	Native Resolution	3440 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 "Input Not Supported" 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	<ul style="list-style-type: none"> • 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 2-10
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 1-5
	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.	<ul style="list-style-type: none"> • The monitor's power switch is not switched on. • The power cord is loose or disconnected. • There is no power at the outlet. 	<ul style="list-style-type: none"> • 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 1-5
Screen is blank and power indicator is amber.	The monitor is in Standby / Suspend mode	<ul style="list-style-type: none"> • 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 2-10
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 1-5
	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 OLED technology and is not an OLED defect	If there are more than five pixels missing, contact the Support Center	"Appendix A, Service and Support" on page 1
<ul style="list-style-type: none"> Fuzzy lines in text or a blurry image Horizontal or vertical lines through the image. 	<ul style="list-style-type: none"> Image setup has not been optimized Your system Display Properties setting have not been optimized. 	Perform automatic image setup. If automatic image setup does not help, perform manual image setup.	"Adjusting your monitor image" on page 2-3
		Adjust the resolution settings on your system to match the native resolution for this monitor: 3440 x 1440 at 60 Hz.	"Selecting a supported display mode" on page 2-10
		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 10, Microsoft Windows 11.

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 operating system.
4. From the Lenovo website https://pcsupport.lenovo.com/solutions/legion_pro_34wd_10, find the corresponding monitor driver and download it to a PC to which this monitor is connected (such as a desktop).
5. Right-click the Windows **Start** button on the desktop, then click **Device Manager**, and double click **Monitor**.
6. Double-click **Generic Monitor**.
7. Click the **Driver** tab.
8. Click **Update Driver**, and then click **Browse Computer to find the driver**.
9. Click **Let me pick from a list of available drivers on my computer**.
10. Click the **Have Disk...** button. By clicking the **Browse** button, browse and point to the following path: **X:\Monitor Drivers\Windows** (where X indicates “the folder in which the downloaded driver is located” (such as a desktop)).
11. Select **legion pro 34wd-10.inf** file, Click **Open** button. Click **OK** button.
12. In the new window, select **Legion Pro 34WD-10** and click **Next**.
13. After the installation is complete, delete all downloaded files and close all Windows.
14. Restart the system. The system will automatically select the refresh rate and the corresponding color matching profile.

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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<http://www.lenovo.com/recycling>

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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。

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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/.

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