

**Lenovo**

**ThinkCentre**

**ThinkCentre T1024Gen6Touch**

**User's Guide**

**Machine Type: 13LB**

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**Think**

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## Product Number

D26TIO24T

13LBGAR6WW



First Edition (May 2026)

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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.

يجب قراءة إرشادات السلامة قبل تشغيل هذا المنتج.

Antes de instalar este produto, leia as Informações de Segurança.

在安装本产品之前，请仔细阅读 **Safety Information**  
(安全信息)。

Prije instaliranja ovog proizvoda obavezno pročitajte sigurnosne upute.

Před instalací tohoto produktu si přečtěte příručku bezpečnostních instrukcí.

Læs sikkerhedsforskrifterne, før du installerer dette produkt.

Ennen kuin asennatt ämän tuotteen, lue turvaohjeet kohdasta Safety Information.

Avant d'installer ce produit, lisez les consignes de sécurité.

Vor der Installation dieses Produkts die Sicherheitshinweise lesen.

Πριν εγκαταστήσετε το προϊόν αυτό, διαβάστε τις πληροφορίες ασφαλείας  
(safety information).

לפני שתתקין מוצר זה, קראו את הוראות הבטיחות.

A termék telepítése előtt olvassa el a Biztonsági előírásokat!

Prima di installare questo prodotto, leggere le Informazioni sulla Sicurezza.

製品の設置の前に、安全情報をお読みください。

본 제품을 설치하기 전에 안전 정보를 읽으십시오.

Пред да се инсталира овој продукт, прочитајте информацијата за безбедност.

Lees voordat u dit product installeert eerst de veiligheidsvoorschriften.

Les sikkerhetsinformasjonen (Safety Information) før du installerer dette produktet.

Przed zainstalowaniem tego produktu, należy zapoznać się  
z książką "Informacje dotyczące bezpieczeństwa" (Safety Information).

Antes de instalar este produto, leia as Informações sobre Segurança.

Перед установкой продукта прочтите инструкции по  
технике безопасности.

Pred inštaláciou tohto produktu si prečítajte bezpečnostné informácie.

Pred namestitvijo tega proizvoda preberite Varnostne informacije.

Antes de instalar este producto lea la información de seguridad.

Läs säkerhetsinformationen innan du installerar den här produkten.

សូមអានព័ត៌មានសុវត្ថិភាព មុនពេលចាប់ផ្តើមបញ្ចូលកម្មវិធី

安裝本產品之前，請先閱讀「安全資訊」。

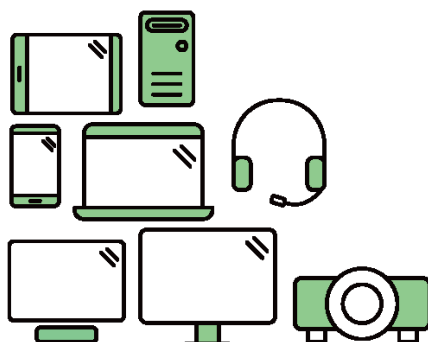
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# TCO Certified

A third-party certification according to ISO 14024



Toward sustainable IT products



## 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!

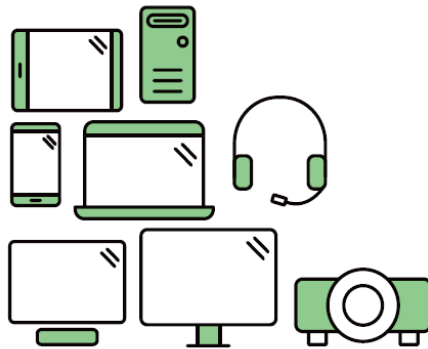
Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the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

### Want to know more?

Read information about TCO Certified, full criteria documents, news and updates at [tcocertified.com](https://tcocertified.com). On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.



Toward sustainable IT products



## 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 occur in the supply chain. 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. Additionally, it fulfills the requirements of TCO Certified Edge, the supplemental certification that recognizes leading-edge products that exceed typical performance in a particular sustainability attribute. At our Product Finder ([tcocertified.com/product-finder](https://tcocertified.com/product-finder)) you can find out which TCO Certified Edge criterion or criteria this product meets.

Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Compliance is verified by independent verification organizations 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.

Thank you for making a responsible product choice, that help drive progress towards a more sustainable future!

### Want to know more?

Read information about TCO Certified, full criteria documents, news and updates at [tcocertified.com](https://tcocertified.com). On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.

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# 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.

T1024Gen6Touch supports Lenovo Accessories and Display Manager-**ThinkColour**.

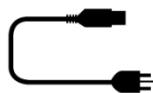
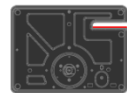
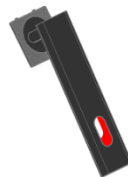
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## Shipping contents

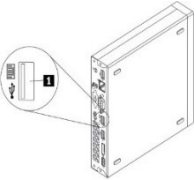
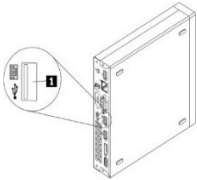
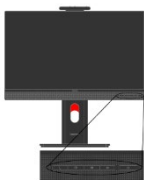
The product package should include the following items:

**Note:** Few specific regions without power cord in package.

- LCD Monitor
- Monitor stand
- Monitor base
- Power Cord
- AC Power Adapter
- Information Flyer



\*\*\*Your monitor supports the following Tiny models that can be installed in your monitor:

|  <p>(1)</p> |  <p>(1)</p> |  <p>(2)</p> |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Production support list                                                                      | Alt + P                                                                                      | TIO power button                                                                               |
| ThinkCentre M625q                                                                            | √                                                                                            | √                                                                                              |
| ThinkCentre M75q Gen2                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M90q Gen3                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M950q                                                                            | √                                                                                            | √                                                                                              |
| ThinkCentre M80q Gen3                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M70q Gen3                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M750q                                                                            | √                                                                                            | √                                                                                              |
| ThinkCentre M60q CR Gen3                                                                     | √                                                                                            | √                                                                                              |
| ThinkStation P3 Tiny                                                                         | √                                                                                            | √                                                                                              |
| ThinkCentre M90q Gen4                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M80q Gen4                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M70q Gen4                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M750q                                                                            | √                                                                                            | √                                                                                              |
| ThinkCentre neo 50q Gen4                                                                     | √                                                                                            | √                                                                                              |
| ThinkCentre neo 50q Gen5                                                                     | √                                                                                            | √                                                                                              |
| ThinkCentre neo Q500IRHR                                                                     | √                                                                                            | √                                                                                              |
| ThinkCentre neo 50q QC                                                                       | √                                                                                            | √                                                                                              |
| ThinkCentre neo Q500Q8X                                                                      | √                                                                                            | √                                                                                              |
| ThinkCentre neo 55q Gen6                                                                     | √                                                                                            | √                                                                                              |
| ThinkCentre neo 50q Gen6                                                                     | √                                                                                            | √                                                                                              |
| ThinkCentre neo Q500ILL                                                                      | √                                                                                            | √                                                                                              |
| ThinkCentre M90q Gen5                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M70q Gen5                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M760q                                                                            | √                                                                                            | √                                                                                              |
| ThinkCentre M75q Gen5                                                                        | √                                                                                            | √                                                                                              |
| ThinkStation P3 Tiny Gen2                                                                    | √                                                                                            | √                                                                                              |
| ThinkCentre M90q Gen6                                                                        | √                                                                                            | √                                                                                              |
| ThinkCentre M70q Gen6                                                                        | √                                                                                            | √                                                                                              |
| Lenovo V100q                                                                                 | √                                                                                            | √                                                                                              |
| Lenovo V105q                                                                                 | √                                                                                            | √                                                                                              |
| ThinkCentre neo Q500AME                                                                      | √                                                                                            | √                                                                                              |
| ThinkCentre M75q Gen6                                                                        | √                                                                                            | √                                                                                              |

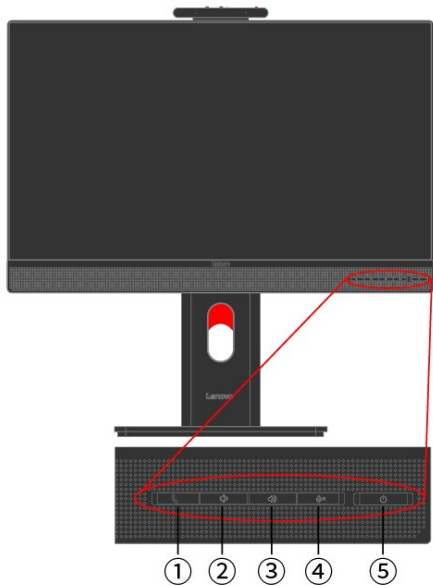
Before you install your Tiny into your monitor, ensure that the Tiny is listed above.

- 1.Install your computer into the TIO24Gen6Touch
- 2.When using “ALT+P” to power on Tiny, please Connect a Lenovo keyboard the USB port shown as above on the rear of computer.
- 3.Press ALT+P on the keyboard to power on the computer and TIO24Gen6Touch.
- 4.Please find TIO24Gen6Touch on Lenovo support page <https://pcsupport.lenovo.com> for details.

# Product overview

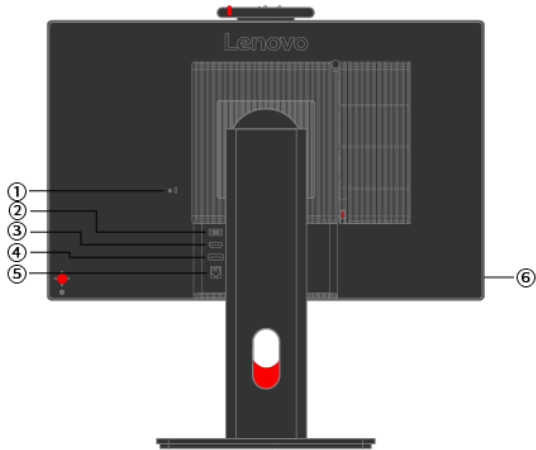
This section will provide information on adjusting monitor positions, setting user controls, and using the cable lock slot.

## Front view



|                    |                   |
|--------------------|-------------------|
| 1.Telephone switch | 2. Volume Down    |
| 3.Volume Up        | 4.Microphone Mute |
| 5.Power button     |                   |

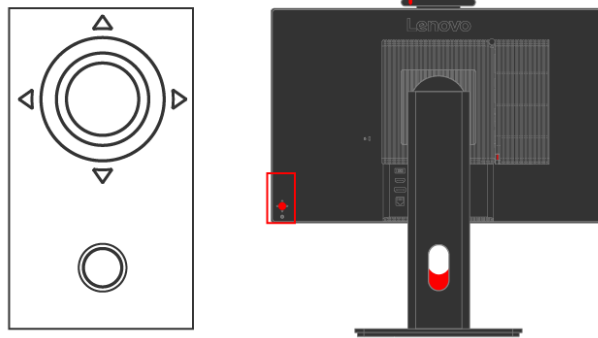
## Rear view



|                            |                              |
|----------------------------|------------------------------|
| 1.Security-lock slot       | 2.AC power adapter connector |
| 3.HDMI connector           | 4.DisplayPort connector      |
| 5.USB 3.0 Type B connector | 6.USB downstream port        |

## Monitor controls

The keypad controls on the back cover are accesses to various functions.



For information on how to utilize these keypad controls, please see “Adjusting your monitor image” on page 2-8.

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# Setting up your monitor

This section provides information to help you set up your monitor.

## Assembling your monitor

To assemble your monitor, follow the four parts below one by one:

Part 1: Install the full-function monitor stand.

Part 2: Install the Tiny.

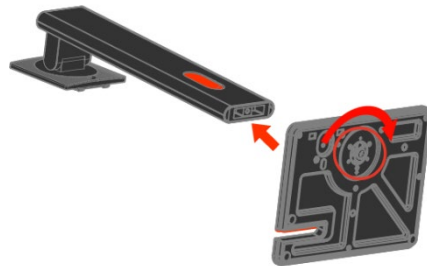
Part 3: Install the rear Wi-Fi antenna (optional).

Part 4: Install the Kensington-style cable lock (optional).

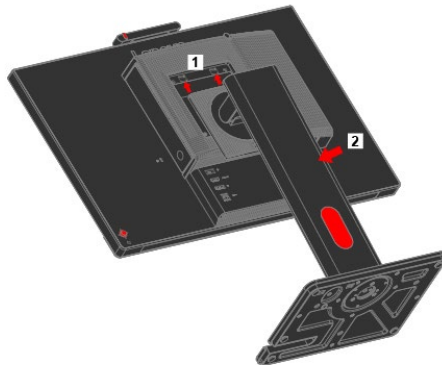
### Part 1: Install the full-function monitor stand.

**Note:** The full-function monitor stand includes one monitor stand and one stand base.

1. Place a soft, clean towel or cloth on the desk or surface. Hold the sides of your monitor and gently lay it down so that the screen is against the surface and the cover is facing up.
2. Insert the three metal studs on the base into the corresponding holes in the stand. Then, tighten the screw as shown to secure the stand.



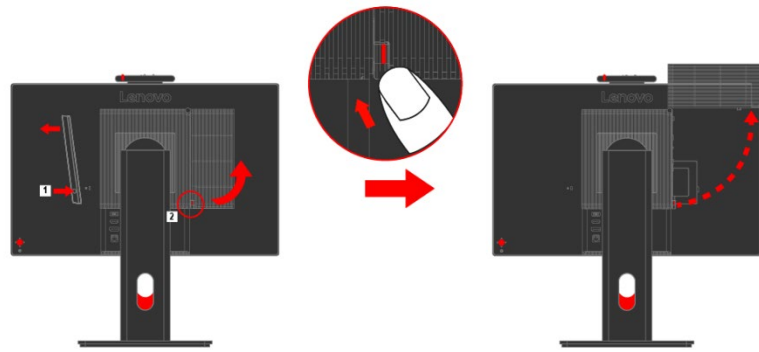
3. Insert the two metal tabs on the stand into the corresponding holes on the rear of the monitor. Then, pivot the stand downward until it clicks into position.



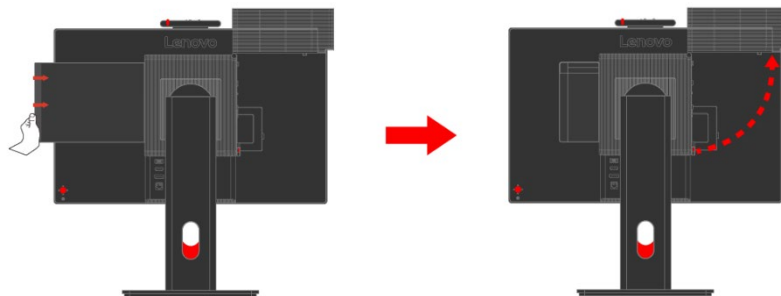
## Part 2: Install the Tiny

1. Press the decorative cover 1 as shown to remove it. Then, press the button 2 to open the cable cover.

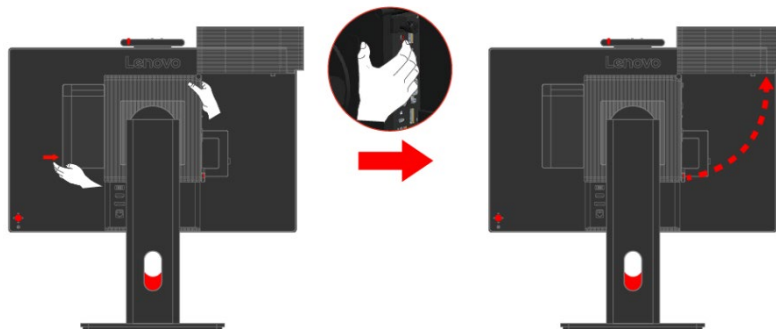
**Note:** Keep the decorative cover for future use.



2. With the Lenovo logo facing you, insert your Tiny into the computer bay until it rests on the stoppers.

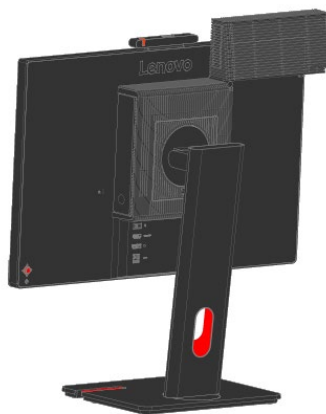


3. Press the computer from the front until it completely snaps into position.

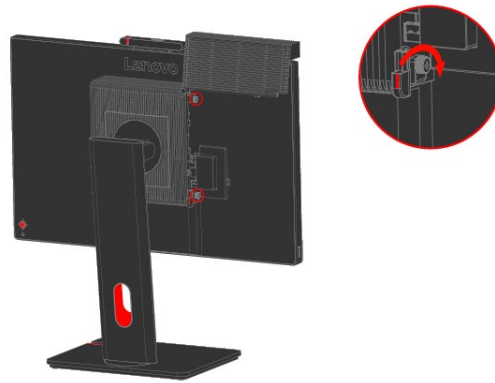


**Note:** Make sure the Tiny is aligned with the back cover.

One hand can push the downside of tiny, the other hand assist adjust the Tiny to smoothly inset.

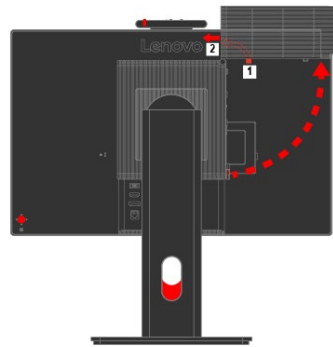


4. Tighten the screw to secure the Tiny.

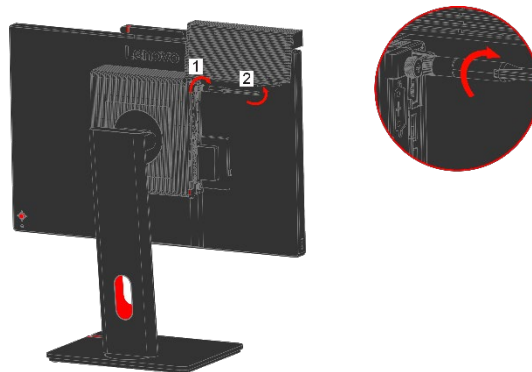


**Part 3: Install the rear Wi-Fi antenna (optional).**

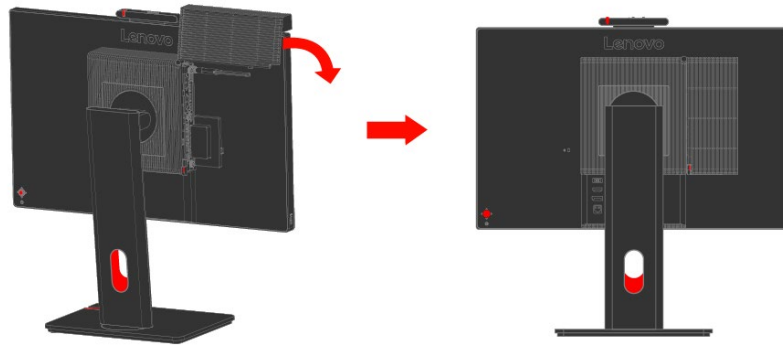
1. Pivot the cable cover as shown to the open position. Then, press the decorative cover 2 from the inner side of the cable cover to remove the decorative cover.



2. Screw the rear Wi-Fi antenna to the antenna connector on the rear of the computer. Then, adjust the angle of the antenna to 90 degrees.

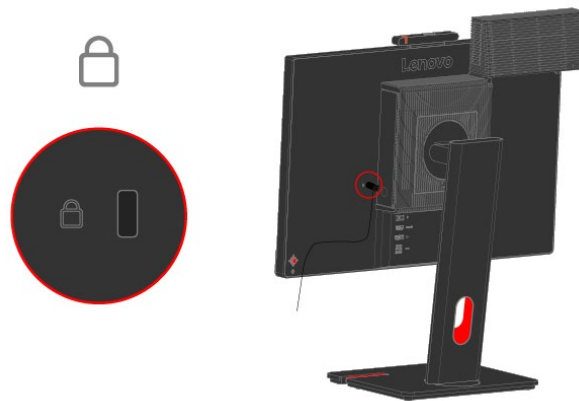


3. Pivot the cable cover as shown to the closed position.



**Part 4: Install the Kensington-style cable lock (optional).**

With the key of the Kensington-style cable lock, attach the lock to the security-lock slot on the rear panel of your computer as shown. The lock secures your monitor to a desk, table, or other non-permanent fixture. It also blocks the Tiny so that the Tiny cannot be removed from the monitor.



## Connecting cables

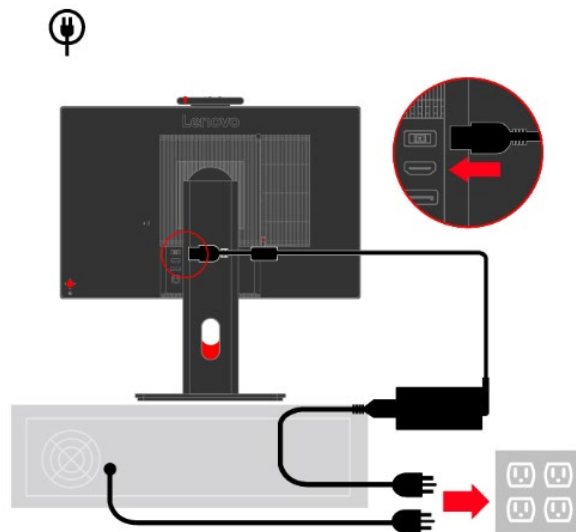
After assembling your monitor, you must connect cables correctly to use the monitor and computer. Your monitor can be used with either the Tiny installed in the monitor or an external desktop/laptop computer. To connect cables, do one of the following:

**Note:** Be sure to read the Safety Information located in the Flyer before carrying out this procedure.

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



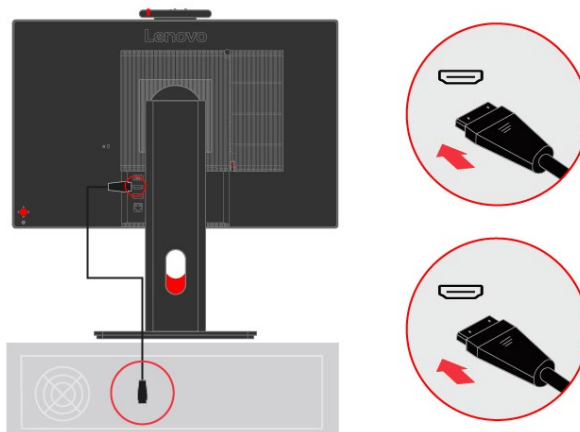
2. If you use the Tiny installed in the monitor, connect the ac power adapter cable and power cord that comes with the monitor. First connect the ac power adapter cable to the ac power adapter connector on the monitor. Then, connect one end of the power cord to the ac power adapter and the other end to a properly-grounded electrical outlet.



**Note:** When installing the computer to the TIO monitor for AIO mode, ensure you use the power adapter that comes with the computer when computer power adapter large than 135W, otherwise please use TIO power adapter.

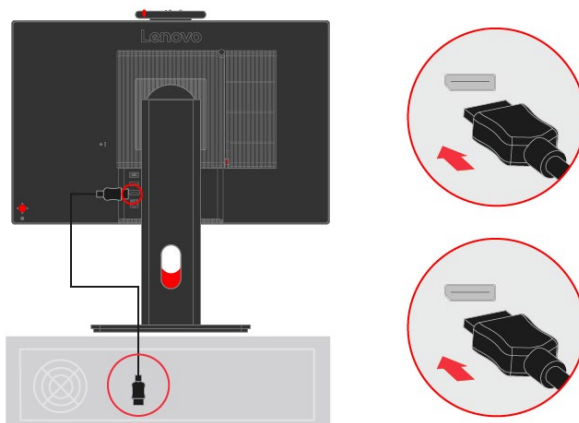
3. Connect one end of the HDMI cable to the HDMI connector on the back of the computer, and the other end to the HDMI connector on the monitor. Lenovo recommends that customers who require to use the HDMI input on their monitor purchase the "Lenovo HDMI to HDMI cable 0B47070".  
For more information, go to the following:  
[www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

## HDMI



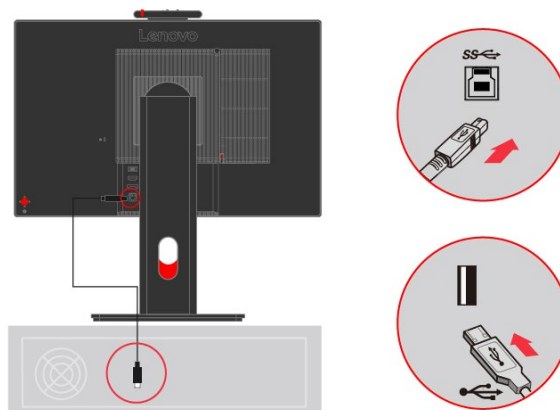
4. Connect one end of the DP cable to the DP connector on the back of the computer, and the other end to the DP connector on the monitor. Lenovo recommends that customers who require using the DisplayPort input on their monitor purchase the "Lenovo DisplayPort to DisplayPort cable 0A36537".  
For more information, go to the following:  
[www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)

## DP



5. Connect one end of the USB 3.0 cable to the USB connector on the back of the computer, and the other end to the upstream USB connector on the monitor.

## \* SS USB



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

**Note1:** The USB downstream port does not provide power while the monitor switch is off.

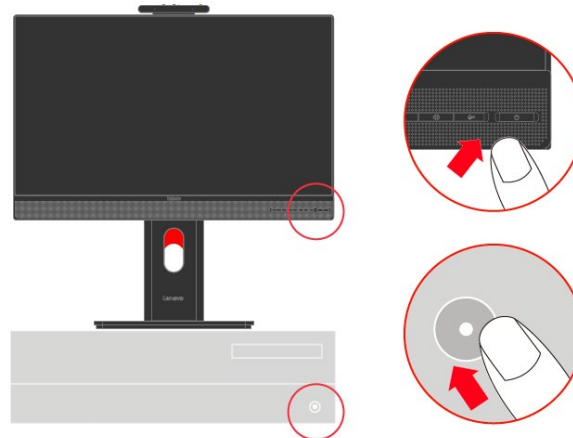
**Note2:** Power output for USB-A: 5V/0.9A.

**Note3:** The USB specification of this monitor is USB3.2 Gen1 - 5Gbps.

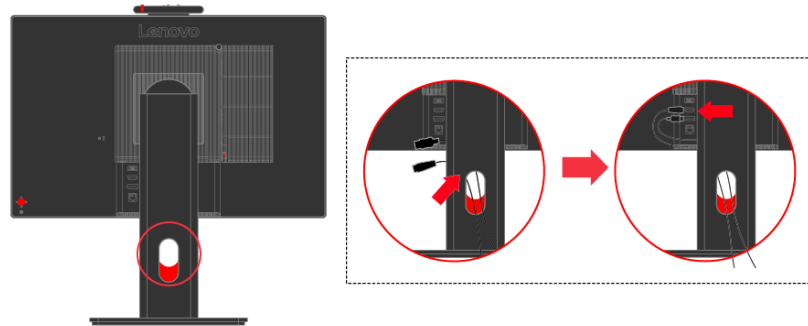


\*: Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.2 Gen 1 & 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/s for USB 3.2 Gen 2x2.

7. Power on the monitor and the computer.

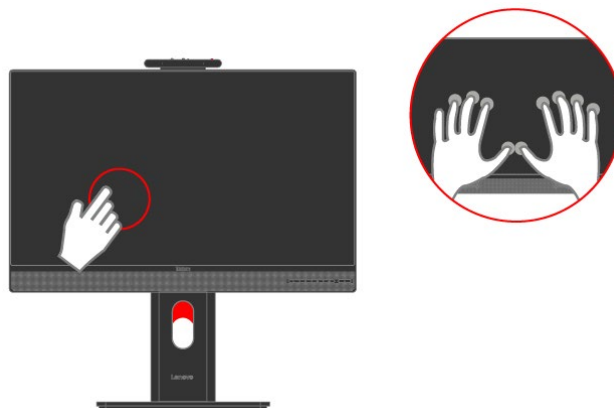


8. After attaching all necessary cables to your monitor and computer, organize all cables as shown below.



9. User is able to manage the on-screen configurations including applications, menu items and so on with the touch screen. For information on how to utilize touch screen, please see: "Touch Screen" on page 2-15

**Note:** If external system is attached to TIO24Gen6Touch with dual monitors in extended mode, TIO24Gen6Touch needs to be set as the main screen.



10. When you install the monitor driver, download the driver that corresponds to your monitor model from the Lenovo website <https://pcsupport.lenovo.com/solutions/tio24gen6touch>. Refer to the "Manually installing the monitor driver" on page 3-6 section to install the driver.



## 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 products 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.

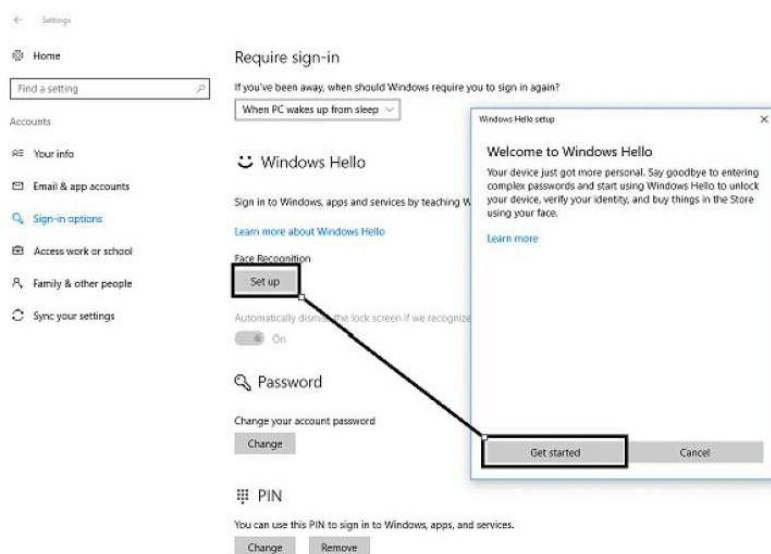
# Windows Hello setup (Windows 10)

Note: To set up “Windows Hello”, do the following:

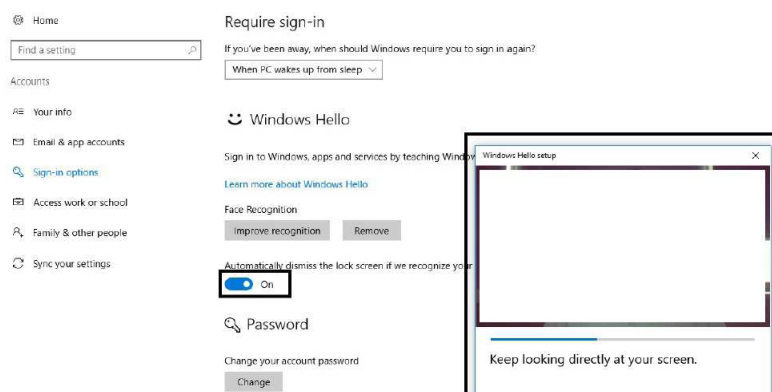
1. Press “Windows” + “I” and then click Accounts, choose “Sign-in options” .



2. Setup PIN number.
3. Establish face-recognition by clicking Set up, Get started.



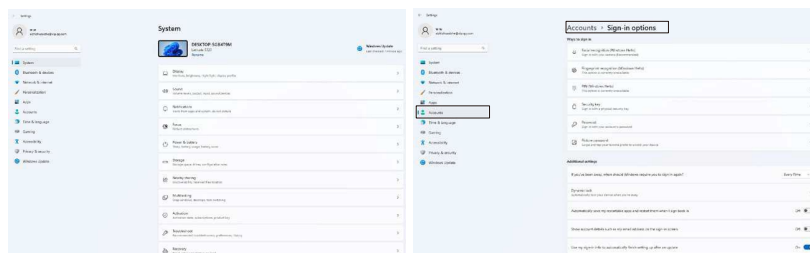
4. Scanning your face information and enable face-recognition to unlock your computer.



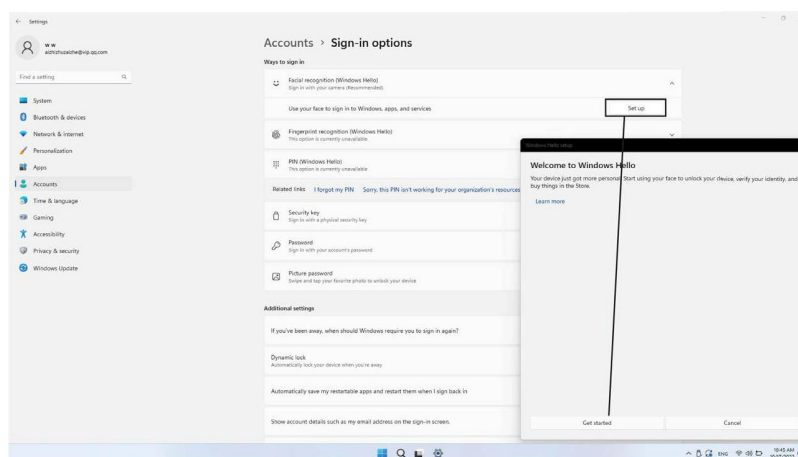
# Windows Hello setup (Windows 11)

Note: To set up “Windows Hello”, do the following:

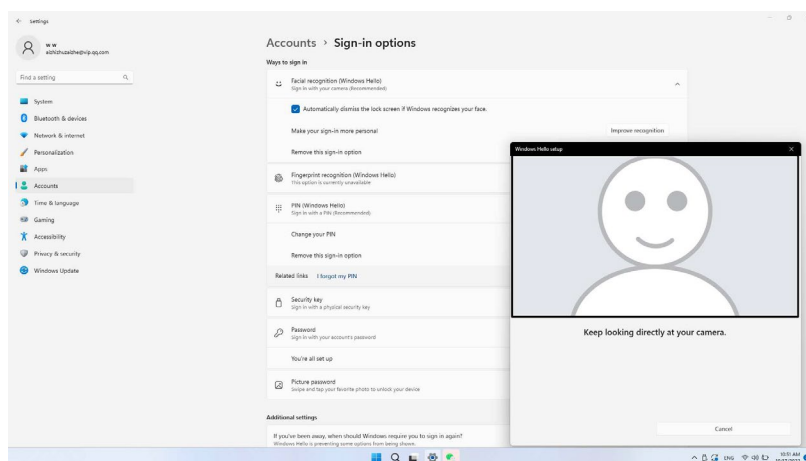
1. Press “Windows” + “I” to enter system configuration.
2. Then click Accounts, choose “Sign-in options” .



3. Setup PIN number.
4. Establish face-recognition by clicking Set up, Get started.



5. Scanning your face information and enable face-recognition to unlock your computer.



---

# Windows Studio Effects (WSE) Function

## Video Effects (Imaging Optimization)

These features are primarily designed for video conferencing (e.g., Teams, Zoom) to help users present a more professional image:

- **Background Effects:**

1. Standard Blur: Softens the background.
2. Portrait Blur: Provides precise depth-of-field simulation to make the subject stand out.

- **Automatic Framing:**

As you move, the camera automatically scales and pans to ensure you remain centered in the frame.

- **Creative Filters:**

Offers stylized filters like illustrated, animated, or sketch effects to add a touch of fun.

**Note:** Device-specific only.

## Hardware Requirements for WSE

To enable Windows Studio Effects (WSE) features, the following hardware requirements must be met:

- **Dedicated Hardware:** The processor must include a built-in NPU (Neural Processing Unit).
  1. Qualcomm: Snapdragon 8cx Gen 3 or higher.
  2. Intel: Core Ultra series (Meteor Lake).
  3. AMD: Select Ryzen 7000/8000 series models (marked with the Ryzen AI logo).
- **Operating System:** Windows 11 (Version 22H2 or newer).
- **Drivers:** Tiny models equipped with an NPU require driver updates.

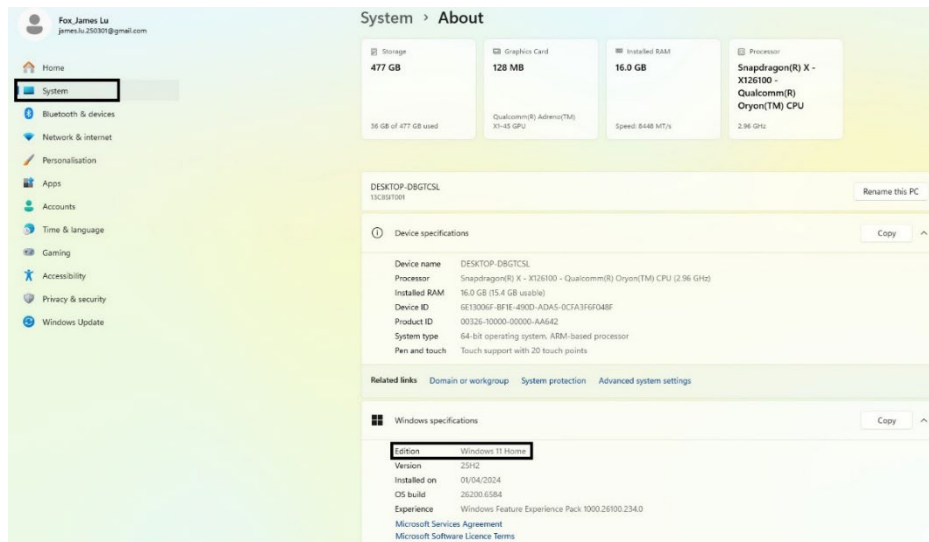
**Note:** Please find T1024Gen6Touch on Lenovo support page <https://pcsupport.lenovo.com> for details.

- **List of ThinkCentre Tiny models equipped with NPU**

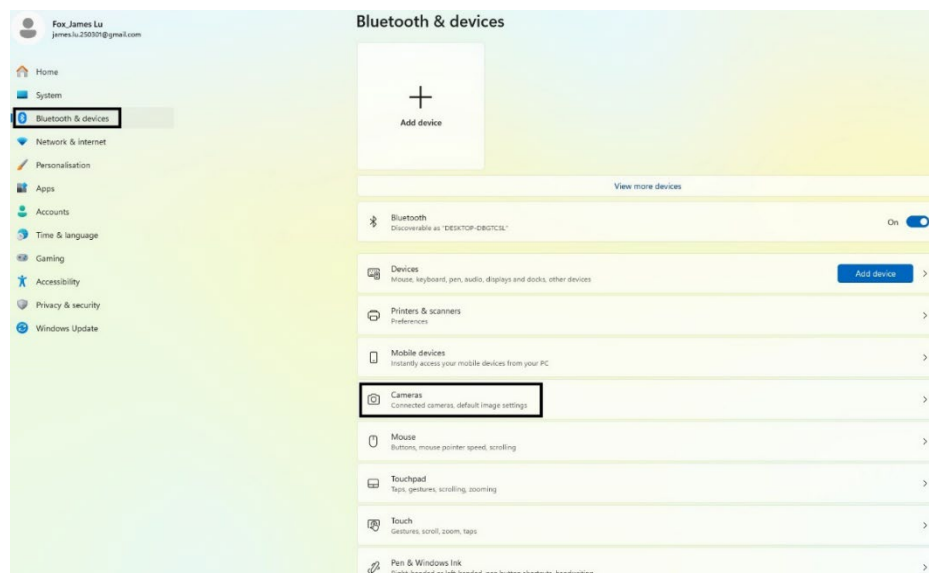
ThinkCentre neo 50q QC  
ThinkCentre neo Q500Q8X  
ThinkCentre neo 55q Gen 6(KRK)  
ThinkCentre neo 50q Gen 6  
ThinkCentre M75q Gen 6  
ThinkCentre M90q Gen 7  
ThinkCentre M70q Gen 7

# Setup Instructions

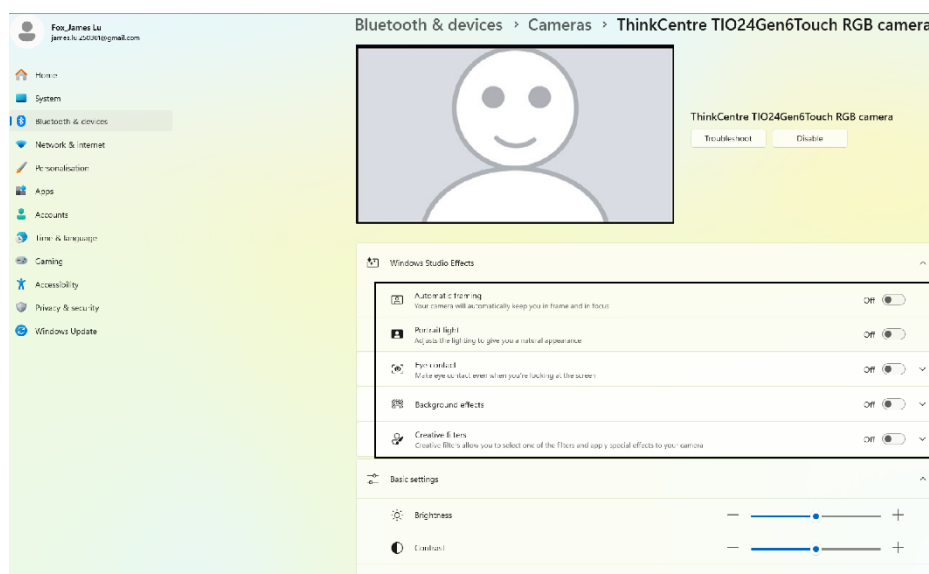
1. Go to Settings > Bluetooth & devices.



2. Adjust the Video Effects as desired.



3. Adjust the Video Effects as desired.



## Turning on your monitor and computer

To turn on your monitor and computer, do one of the following:

- If you only have the Tiny installed in the monitor, press the power button on the monitor to turn on your monitor and computer. To locate the power button, see on page 1-2.
- If you only have the external desktop/laptop computer connected to the monitor, press the power button on the monitor to turn on your monitor. Then, press the power button on the computer to turn on your computer. To locate the power button, see on page 1-2.
- If you have both the Tiny installed in the monitor and the external desktop/laptop computer connected to the monitor, do one of the following:
  - If you use the Tiny, press the power button on the monitor to turn on your monitor and computer. To locate the power button, see on page 1-2.
  - If you use the external desktop/laptop computer, press the mode-switching button on the monitor to select the DP/HDMI mode so that the monitor is turned on. Then, press the power button on the computer to turn on your computer. To locate the mode-switching button, see on page 1-2.

**Note:** When both the Tiny and the external desktop/laptop computer are working, you can press the mode-switching button to switch between the two computers. When you select the AIO mode, you will use the Tiny. When you select the DP/HDMI mode, you will use the external desktop/laptop computer.

When you switch between the AIO mode and the DP/HDMI mode, ensure that no data is being transmitted between your computer and any USB device that is connected to your monitor. If you switch between the two modes while the USB data is being transmitted, the transmission will be interrupted and loss of data may result.

When you switch between the AIO mode and the DP/HDMI mode the following is required to wake your computer from sleep or hibernation:

- DP/HDMI mode to AIO mode. If the Tiny installed in your monitor is in sleep or hibernation mode, press the power button of the monitor to wake up the Tiny.
- AIO mode to the DP/HDMI mode. If the external desktop/laptop computer is in sleep or hibernation mode, press the power button of the external desktop/laptop computer to wake up it.

**Note:** When you switch between AIO mode and DP/HDMI mode, the keyboard and mouse that are connected to your monitor are also switched.

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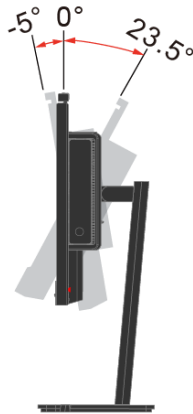
## Chapter 2 Adjusting and using your monitor

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

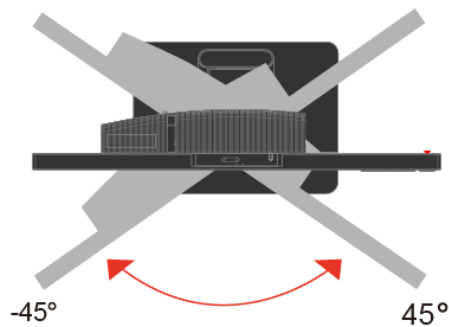
### Adjusting the full-function monitor stand

You can use the full-function monitor stand to adjust the monitor to your comfortable position.

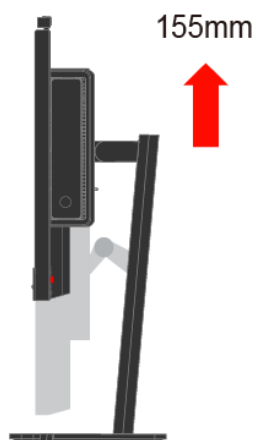
1. The following illustration shows that you can adjust the monitor at an angle of  $-5^{\circ}$  to the front and  $23.5^{\circ}$  to the rear.



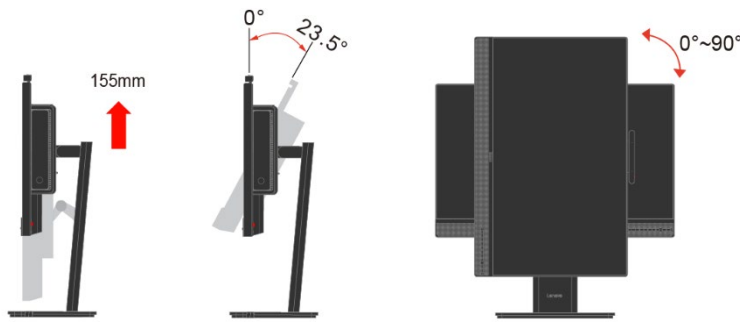
2. The following illustration shows that you can turn the monitor at an angle of  $45^{\circ}$  to the left and  $45^{\circ}$  to the right.



3. The following illustration shows that you can adjust the height of the full-function monitor stand within a length of 155 mm.

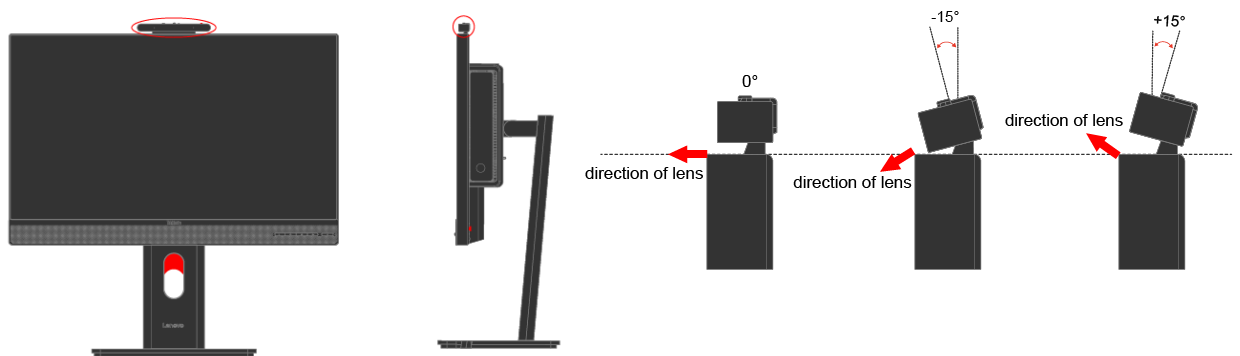


- Adjust the monitor height before rotating the monitor screen. (Make sure that the monitor screen ascent to its highest point and it inclines backward at 23.5°).  
Then rotate clockwise until the monitor stops at 90°.



## Camera Swivel

Please see the illustration below for an example of camera swivel range.



## IR-Camera

Your monitor has embedded integrated IR Camera Module; it can be used as a normal webcam.



Slide the camera shutter open or close to enable/disable the camera.

a. Slide to open.

b. Slide to close.



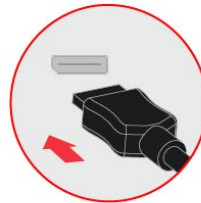
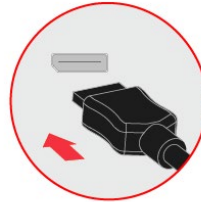
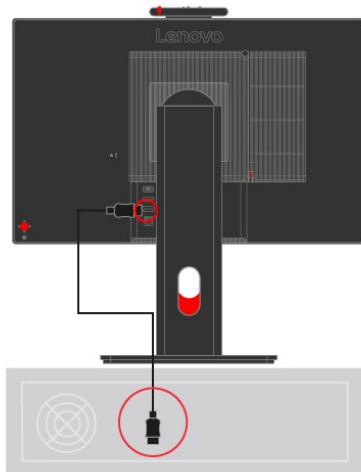
**Note:** Camera function only support windows 10, windows 11.

After setting up the “Windows hello” application, you can login your Windows 10 or Windows 11 operating system with the function of face-recognition.

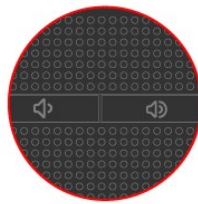
**Note:** To set up “windows hello”, please see “Windows Hello setup ”on page 1-13.

## Speakers

Your monitor has integrated 2 speakers which can support audio transmitted over the DP/HDMI video input as well as USB audio. When you select the DP/HDMI mode, the USB3.0 cable is required to connect to the system. When you select the AIO mode, the USB3.0 cable is not needed.



Speaker volume is adjusted using controls on the front of the monitor.



**Note:** When a Headphone or Speaker connected to Tiny audio port, the monitor speaker would not mute until the audio playback device is switched.

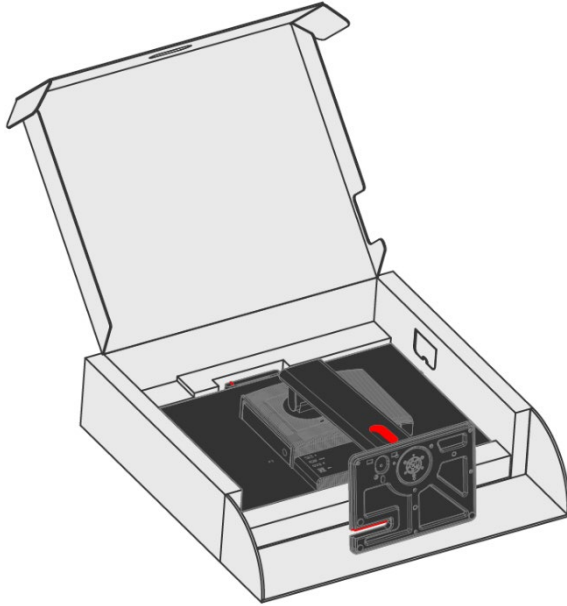
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## Wall Mounting (Optional)

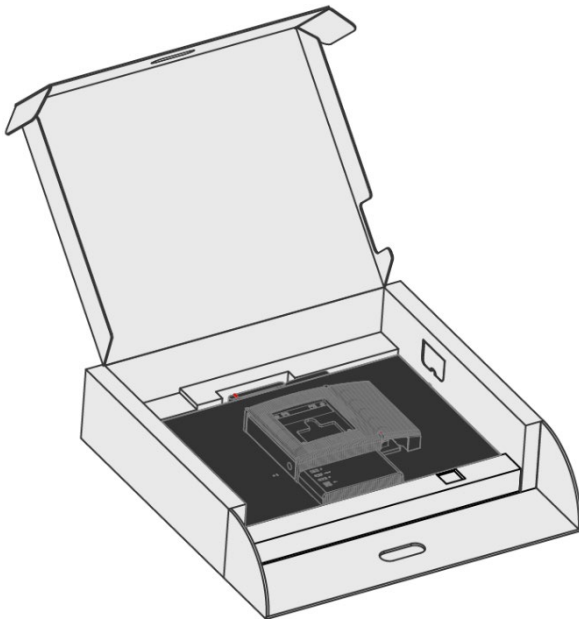
Refer to the instructions that come with the base mounting kit. To convert your LCD display from a desk-mounted to a wall-mounted display, do the following:

Step 1: Verify that the Power button is turned Off, then disconnect the power cord.

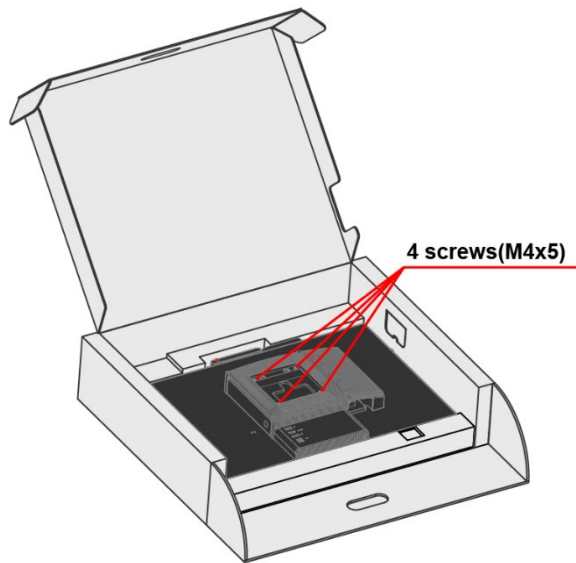
Step 2: Lay the LCD display face down on a towel or blanket.



Step 3: Remove the base and stand from the monitor.



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 5 mm.



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

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## 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.

- **General location:**

Position your monitor to avoid glare or reflections on the screen from overhead lighting or nearby windows.

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

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

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

## Quick tips for healthy work habits

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

- **Good posture starts with equipment setup:**

The layout of your work area and the setup of your computer equipment have a large effect on your posture while using your computer. Be sure to optimize the position and orientation of your equipment by following the tips outlined in “Arranging your work area” on page 2-6 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.

## Accessibility information

Lenovo is committed to providing greater access to information and technology to people with disabilities. With assistive technologies, users can access information in the way most appropriate to their disability. Some of these technologies are already provided in your operating system; others can be purchased through vendors or accessed at:  
[https://lenovo.ssbartgroup.com/lenovo/request\\_vpat.php](https://lenovo.ssbartgroup.com/lenovo/request_vpat.php)

# 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.

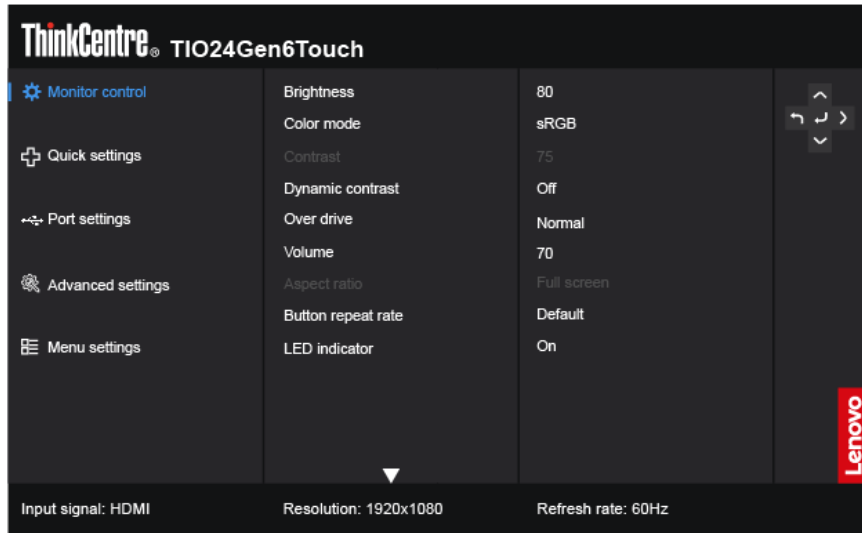
Table 2-1 Direct access controls

|                                                                                                                                                                        | Icon                                                                                | Name         | Description                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br> |    | Enter key    | <ul style="list-style-type: none"><li>• Press to open main menu while there is no any OSD on the screen.</li><li>• Press and hold for 10 seconds to Lock/Unlock the OSD.</li><li>• Press to enter next level on main menu or sub menu.</li></ul>                              |
|                                                                                                                                                                        |    | Right key    | <ul style="list-style-type: none"><li>• Press to enter next level on main menu or sub menu.</li><li>• It is a shortcut key for directly adjust Color mode while there is no any OSD on the screen.</li></ul>                                                                  |
|                                                                                                                                                                        |    | Left key     | <ul style="list-style-type: none"><li>• Press to exit next level on main menu or sub menu.</li></ul>                                                                                                                                                                          |
|                                                                                                                                                                        |    | Down key     | <ul style="list-style-type: none"><li>• Press to move to next item on menu.</li><li>• Press to decrease current value on adjustment bar.</li><li>• It is a shortcut key for directly adjust Scenario mode while there is no any OSD on the screen.</li></ul>                  |
|                                                                                                                                                                        |  | Up key       | <ul style="list-style-type: none"><li>• Press to move to last item on menu.</li><li>• Press to increase current value on adjustment bar.</li><li>• It is a shortcut key for directly opening brightness adjustment bar while there is no any OSD on the screen.</li></ul>     |
|                                                                                     |                                                                                     | Input source | <ul style="list-style-type: none"><li>• It is a shortcut key for directly opening the menu of input source while there is no any OSD on the screen.</li><li>• Press and hold for 10 seconds to Enable/Disable the "DDC/CI" while there is no any OSD on the screen.</li></ul> |
|                                                                                     |                                                                                     | Power button | Turns the monitor on/off. White indicates power on. Orange indicates standby mode.                                                                                                                                                                                            |

| Icon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Name                 | Description                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Telephone switch&LED | <ul style="list-style-type: none"> <li>• LED will blink in green when there is an incoming call.</li> <li>• LED will light up in static green during call.</li> <li>• Short press to answer / end call.</li> </ul> <p><b>Note:</b> This feature can only be used with the Teams app.</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Volume Down&LED      | <ul style="list-style-type: none"> <li>• Short press to decrease volume. LED will blink when short press.</li> </ul>                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Volume Up&LED        | <ul style="list-style-type: none"> <li>• Short press to increase the volume. LED will blink when short press.</li> </ul>                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Microphone Mute&LED  | <ul style="list-style-type: none"> <li>• Press to mute and unmute the microphone.</li> <li>• When the microphone is muted, the LED lights up static red.</li> <li>• LED switches off when microphone is enabled/ unmuted.</li> </ul>                                                     |
| <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. To learn more about Teams button features, please visit the following link<br/>Use the Teams button on your certified Teams device (microsoft.com)</li> <li>2. To enable Teams, Mute and Call buttons, you need to: <ul style="list-style-type: none"> <li>• Go to Settings in Teams app and select from Audio devices the Audio Echo cancelling Speakerphone (ThinkCentre T1024Gen6Touch).</li> <li>• Connect the monitor with your computer with USB-B cable.</li> </ul> </li> </ol> |                      |                                                                                                                                                                                                                                                                                          |

## Using the On-Screen Display (OSD) controls

The settings adjustable with the user controls are viewed through the OSD, as shown below. Note: When switching to AIO mode, the monitor and the Tiny share the same power button on the monitor. However, if the enhanced standby mode is enabled in the BIOS of the Tiny, you can only use the power button of the computer to turn on the computer.



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. Press  to save.
3. Press  to move backwards through the sub-menus and exit from the OSD.
4. Press and hold  for 10 seconds to lock the OSD. This will prevent accidental adjustments to the OSD. Press and hold  for 10 seconds to unlock the OSD and allow adjustments to the OSD.
5. Enables DDC/CI by default. Use OSD Input Source Key, press and hold the  button for 10 seconds to disable/enable DDC/CI function. The words "DDC/CI Disable/DDC/CI/Enable" shows on the screen.
6. The Factory reset option in the OSD menu will reset all user settings to default values so that the monitor can meet the requirements of Energy Star.



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](http://www.energystar.gov/products)). All products of Energy Star will be posted online and can be accessed directly by governments, public institutions and consumers.

# Using the Wake on touch Function

You can wake up your monitor from standby mode through touch. To use the function:

## Setting Computer.

Open the **Device Manager** window by clicking **Start, Control Panel, Device Manager** icon. Click the **HID-compliant device** button to open the **HID-compliant device Properties** window. Select **Allow this device to wake the computer**.

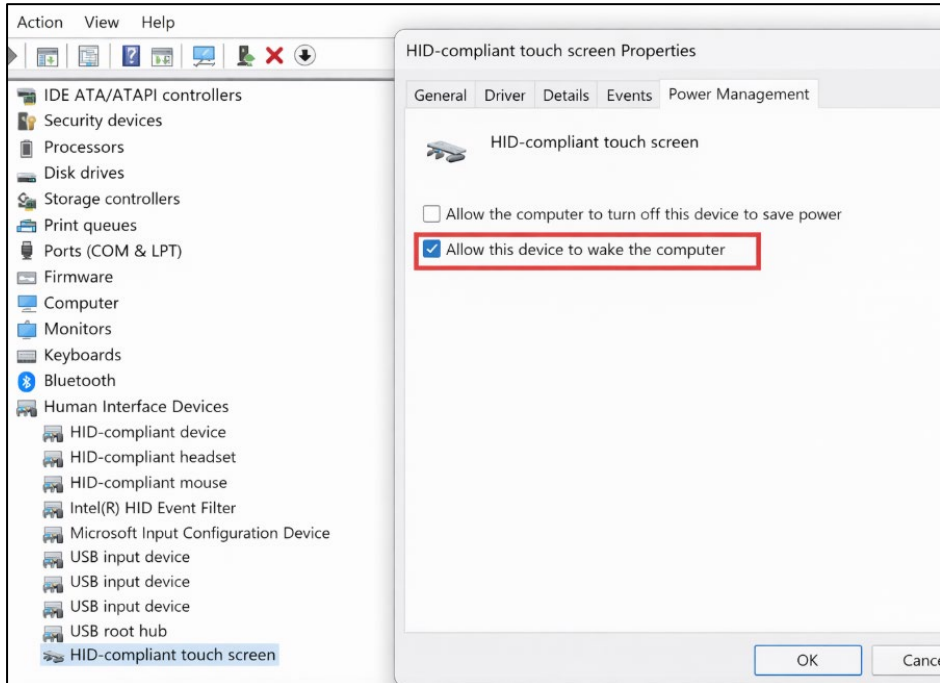


Table 2-2 OSD functions

| OSD Icon on Main Menu | Submenu            | Option                                                    | Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|--------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitor control       | Brightness         | 0-100                                                     | Adjusts the overall brightness.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Color mode         | sRGB                                                      | Select the color mode.<br>Red: Increases or decreases the saturation of 'red' in the image.<br>Green: Increases or decreases the saturation of 'green' in the image.<br>Blue: Increases or decreases the saturation of 'blue' in the image.<br><b>Note:</b> This function will be grayed out and unselectable. When the Scenario mode is set to E-BOOK mode.                                                                                                                                                                                   |
|                       |                    | BT.709                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Neutral                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Warm                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Cool                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Custom                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Contrast           | 0-100                                                     | Adjusts the contrast ratio.<br><b>Note:</b> This function will be grayed out and unavailable in sRGB/BT.709 mode.                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                       | Dynamic contrast   | On                                                        | When enabled, the monitor automatically assesses the overall brightness of the image and restores various color levels by reducing brightness in darker areas. This enhancement produces a clearer and more distinct image.<br><b>Note:</b> 1. When the Dynamic contrast is turn on, Brightness/Contrast/Color mode must be grayed out and cannot be selected.<br>2. When Dynamic contrast is turn on, HDR remains at the original setting (If the original setting is Auto, DCR will be automatically turn off once the HDR signal comes in). |
|                       |                    | Off                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Over drive         | Off                                                       | Over drive improves a monitor's GtG (Grey-to-Grey) response time, a critical metric for assessing the responsiveness of a monitor. A shorter GtG time facilitates quicker screen transitions, resulting in smoother and clearer motion visuals.                                                                                                                                                                                                                                                                                                |
|                       |                    | Normal                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Extreme                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Volume             | 0-100                                                     | Adjusts the volume.<br>Caution: Listening to audio through headphones at high volumes for extended periods can damage your hearing.                                                                                                                                                                                                                                                                                                                                                                                                            |
|                       | Aspect ratio       | Full screen                                               | Adjusts the ratio of the horizontal to vertical dimensions of the display image on the monitor, relative to the resolution signal transmitted by the device.<br><b>Note:</b> This function will be grayed out and unavailable when the Panel resolution is a geometric Multiple of the Input signal resolution.                                                                                                                                                                                                                                |
|                       |                    | Original AR                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Button repeat rate | Default                                                   | Select the response speed of the button.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                       |                    | Slow                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |                    | Off                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | LED indicator      | On/Off                                                    | When disabled, the LED remains off when the monitor is powered on.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                       | Power button lock  | On/Off                                                    | When enabled, the power button is locked to prevent accidental pressing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Quick settings        | Right key          | Brightness, Color mode, Contrast, Scenario mode, Language | Assigns the shortcut keys to user preferences. Options include Brightness, Color mode, Contrast, Scenario Mode, and Language.                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                       | Down key           |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       | Up key             |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| OSD Icon on Main Menu | Submenu               | Option                          | Note                                                                                                                                                                                                                                                    |
|-----------------------|-----------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port settings         | Input signal          | Auto                            | Selects the input signal.                                                                                                                                                                                                                               |
|                       |                       | AIO mode                        |                                                                                                                                                                                                                                                         |
|                       |                       | DisplayPort                     |                                                                                                                                                                                                                                                         |
|                       |                       | HDMI                            |                                                                                                                                                                                                                                                         |
|                       | USB always on         | On                              | Please refer to Table 2-3 below for specific details.                                                                                                                                                                                                   |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |
|                       | Video range           | Auto                            | The video range refers to the standard color spectrum of a video, specifically the value range of the Y component (brightness component) in a digital video signal. This feature processes the input HDMI signal and is available exclusively via HDMI. |
|                       |                       | Full range 0-255                |                                                                                                                                                                                                                                                         |
|                       |                       | Limited range 16-235            |                                                                                                                                                                                                                                                         |
| Advanced settings     | Scenario mode         | Panel native                    | Select the scenario mode.                                                                                                                                                                                                                               |
|                       |                       | Image creation(default sRGB)    |                                                                                                                                                                                                                                                         |
|                       |                       | Video creation (default BT.709) |                                                                                                                                                                                                                                                         |
|                       |                       | E-Book mode                     |                                                                                                                                                                                                                                                         |
|                       | Mirrored power button | On                              | When this function is enabled, the monitor's power button can turn devices connected to the LenovoTiny PC on or off.                                                                                                                                    |
|                       |                       | Off                             | This function is only available when a AIO mode connection is established.                                                                                                                                                                              |
|                       | AI power saving       | On                              | When enabled, the monitor self-adaptively adjusts liquid crystal molecular deflection angles and regulates backlight driving current through per-frame analysis, accomplishing intelligent energy conservation.                                         |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |
|                       | Wake on touch         | On                              | Wake up monitor from standby mode through touch                                                                                                                                                                                                         |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |
|                       | Conference indicator  | Auto                            | The indicator at the top of the display lights up to notify others that you are currently occupied.<br>Auto: when the camera is activated or the headset is plugged in, the top indicator lights up.                                                    |
|                       |                       | On                              |                                                                                                                                                                                                                                                         |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |
|                       | WS dGPU mode          | On                              | The USB upstream always connects to 3 in 1 port.                                                                                                                                                                                                        |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |
|                       | Smart face framing    | On                              | Digital zoom ensures that the face remains in the middle.                                                                                                                                                                                               |
|                       |                       | Off                             |                                                                                                                                                                                                                                                         |

| OSD Icon on Main Menu | Submenu       | Option                                                                             | Note                                                                                                                                                                       |
|-----------------------|---------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menu settings         | Information   | Model name<br>Refresh rate<br>Firmware<br>Serial number                            | Display the main information of the model.                                                                                                                                 |
|                       | Language      | English/简体中文/繁體中文/日本語<br>/Français/Italiano/Español/Deutsch/Русский/ไทย/Українська | Change the language of the OSD menu.<br><b>Note:</b> The selected language only affects the language of the OSD. It has no effect on any software running on the computer. |
|                       | OSD rotation  | Normal                                                                             | Adjust the Rotation of OSD.                                                                                                                                                |
|                       |               | 90                                                                                 | <b>Note:</b> When OSD rotation is turned on.                                                                                                                               |
|                       | OSD position  | 0~100 (H,V)                                                                        | Adjust the position of OSD.                                                                                                                                                |
|                       | OSD timeout   | 5~115                                                                              | Set time of the OSD will remain active after the last time a button is pressed.                                                                                            |
|                       | Transparency  | 0 - 100                                                                            | Adjust the transparency of OSD.                                                                                                                                            |
|                       | Factory reset | Reset                                                                              | Resets monitor to the original factory settings.                                                                                                                           |
|                       |               | No                                                                                 | The ENERGY STAR logo indicates resetting all user settings to default values to ensure the monitor can meet Energy Star requirements.                                      |

Table 2-3 OSD functions

| OSD option "USB always On" |                        | On        |             | Off(Default) |             |
|----------------------------|------------------------|-----------|-------------|--------------|-------------|
| Upstream status            |                        | Connected | Unconnected | Connected    | Unconnected |
| Monitor DC On mode         | USB Data(downstream)   | Enable    | N/A         | Enable       | N/A         |
|                            | USB charge(downstream) | Enable    | Enable      | Enable       | Disable     |
| Monitor standby mode       | USB Data(downstream)   | Enable    | N/A         | Enable       | N/A         |
|                            | USB charge(downstream) | Enable    | Enable      | Enable       | Disable     |
| Monitor DC Off mode        | USB Data(downstream)   | Enable    | N/A         | Disable      | N/A         |
|                            | USB charge(downstream) | Enable    | Enable      | Disable      | Disable     |

---

## Touch Screen

Touch screen will optimize your monitor experience. Please use with OS like Windows 10/11.

- You can use either single finger touch, or multi-finger touch up to maximum simultaneous 20 touch points.
- You do not need to install any other software.

| Procedures            | Descriptions                                                                                   |
|-----------------------|------------------------------------------------------------------------------------------------|
| Left edge swipe       | Swipe from the left edge of the screen to shuffle your running apps.                           |
| Right edge swipe      | Swipe from the right edge of the screen to launch the Charm bar.                               |
| Finger slide          | Slide your finger to scroll up and down and slide your finger to pan the screen left or right. |
| Single Tap/Double Tap | Touch the target on the screen with one finger tip for one/two quick taps, then release.       |

### Note:

- Do not touch the screen with sharp objects, it may result in damage, and void warranty.
- Do not push hard, or rest anything on the glass surface (if in horizontal position) as it will damage the screen and void warranty.
- Please keep your hands clean and dry before touching the screen to ensure fluid touch operation.
- The touch function works only on OS and applications which can support touch function.
- It can support wake on touch when enter the Modern Standby.

**Take the steps outlined below to wake up the system and display when the latter is in standby mode:**

### AIO mode

1. Tiny PC running and display off: move your mouse or tap the screen to wake up your PC.
2. Tiny PC in standby mode and display off: click the mouse, tap the screen, press the power button on the front of the monitor, or press the power button on the Tiny PC to wake up your PC.
3. Tiny PC in sleep mode and display off: press the power button on the front of the monitor, or press the power button on the Tiny PC to wake up your PC.

### DP/HDMI mode

1. PC running and display off: move your mouse or tap the screen to wake up your PC.
2. PC in standby mode and display off: click the mouse, tap the screen, or press the power button on the Tiny PC to wake up your PC.
3. PC in sleep mode and display off: press the power button on the Tiny PC to wake up your PC.

---

## Selecting a supported display mode

The display mode of the monitor uses is controlled by the computer. Therefore, refer to your computer documentation 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 readjusted using automatic image setup and the image controls. Unlike CRT monitors, which require a high refresh rate to minimize flicker, LCD or Flat Panel technology is inherently flicker-free.

**Note:** If your system has previously been used with a CRT monitor and is currently configured to a display mode outside the range of this monitor, you may need to reattach the CRT monitor temporarily until you have re-configured the system; preferably to 1920 x 1080 at 60 Hz, which is a common display mode.

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

*Table 2-4 Factory set display modes*

| Addressability   | Refresh rate          |
|------------------|-----------------------|
| 640x480          | 60Hz,67Hz,72Hz,75Hz   |
| 720x400          | 70Hz                  |
| 800x600          | 60Hz,72Hz,75Hz        |
| 1024x768         | 60Hz,70Hz,75Hz        |
| 1152x864         | 75Hz                  |
| 1280x768         | 60Hz                  |
| 1280x800         | 60Hz                  |
| 1280x1024        | 60Hz,72Hz,75Hz        |
| 1440x900         | 60Hz,75Hz             |
| 1680x1050        | 60Hz                  |
| 1600x1200        | 60Hz,70Hz             |
| 1920x1080        | 48Hz,60Hz,75Hz,120Hz  |
| 480p(640x480)    | 60Hz                  |
| 480p (720x480)   | 60Hz                  |
| 576p (720x576)   | 50Hz                  |
| 720p(1280x720)   | 50Hz,60Hz             |
| 1080p(1920x1080) | 50Hz,60Hz,100Hz,120Hz |

---

## Wake on the System and Display

Take the steps outlined below to wake up the system and display when the latter is in standby mode:

### AIO mode

1. Tiny PC running and display off: move your mouse to wake up your PC.
2. Tiny PC in standby mode and display off: click the mouse, press the power button on the front of the monitor, or press the power button on the Tiny PC to wake up your PC.
3. Tiny PC in sleep mode and display off: press the power button on the front of the monitor, or press the power button on the Tiny PC to wake up your PC.

### DP/HDMI mode

1. PC running and display off: move your mouse to wake up your PC.
2. PC in standby mode and display off: click the mouse, or press the power button on the Tiny PC to wake up your PC.
3. PC in sleep mode and display off: press the power button on the Tiny PC to wake up your PC

## 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 2-4. Power indicator

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

| Energy Star      | Power Consumption |
|------------------|-------------------|
| P <sub>ON</sub>  | 12.52 W           |
| E <sub>TEC</sub> | 42.94 kWh         |

### **\*\* 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.

## Mirrored Power Button Function

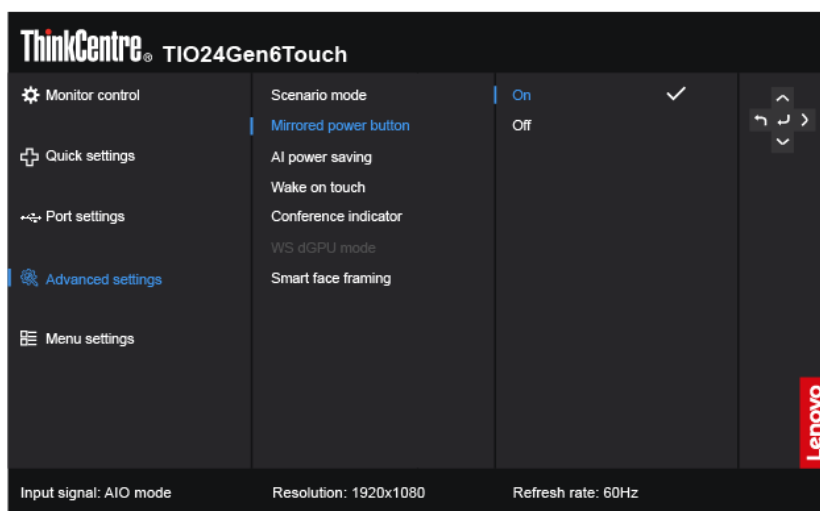
The TIO24Gen6Touch monitor allows its power key to control some Lenovo systems connected by AIO mode, this function is named as Mirrored Power Button in OSD.

If set to "On" in the OSD the power button will control not only the monitor but also the Lenovo Tiny PC of AIO mode if it is supported.

When Mirrored Power Button function is on, the power LED indicates the system status:

|                 |                                                                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White           | The system is on.                                                                                                                                                   |
| White Breathing | The system is in modern standby mode                                                                                                                                |
| Off             | The system is off or in hibernation mode and monitor is in DC off status which the monitor will still supply power to support Lenovo mirrored powerbutton function. |

Please select the option in OSD based on your requirement.



---

## 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.

## Chapter 3 Reference information

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

### Disassembling your monitor

To disassemble your monitor, follow the four parts below one by one:

Part 1: Remove the Kensington-style cable lock (optional).

Part 2: Remove the rear Wi-Fi antenna (optional).

Part 3: Remove the Tiny.

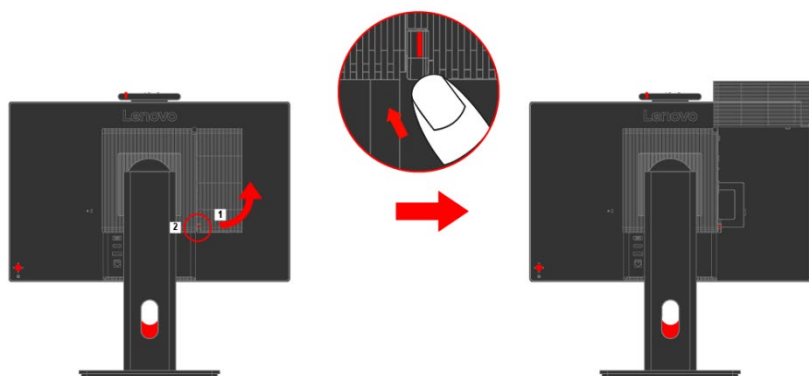
Part 4: Remove the full-function monitor stand.

#### Part 1: Remove the Kensington-style cable lock (optional).

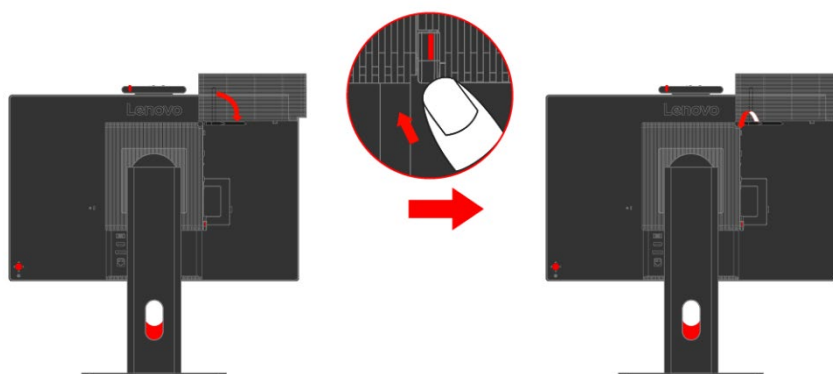
With the key of the Kensington-style cable lock, unlock the lock that is attached to the rear panel of your computer.

#### Part 2: Remove the rear Wi-Fi antenna (optional).

1. Press the cable cover 1 to open it. Then, pivot the cable cover as shown to the open position.

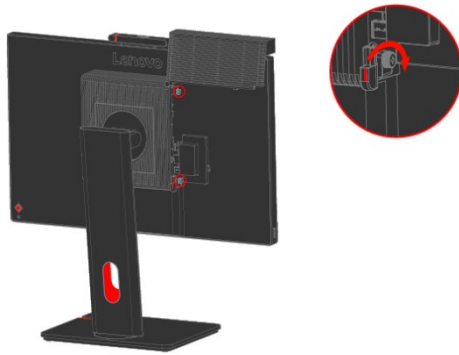


2. Pivot the rear Wi-Fi antenna downward at an angle of about 90°. Then, hold the thicker end of the rear Wi-Fi antenna and unscrew it from the computer.

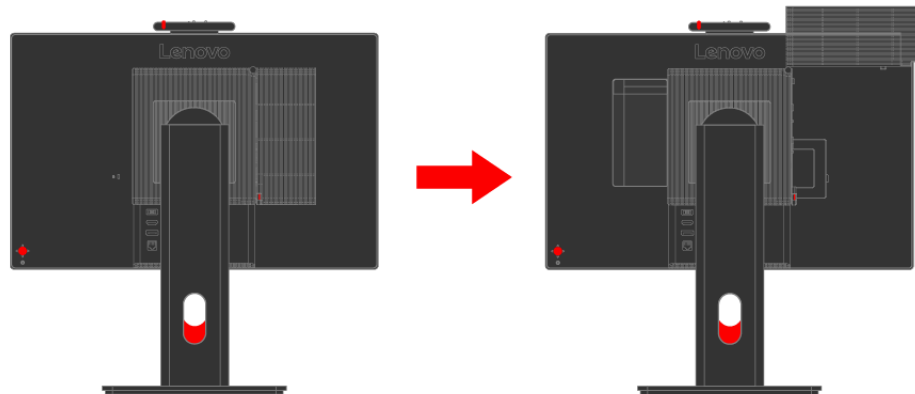


### Part 3: Remove the Tiny.

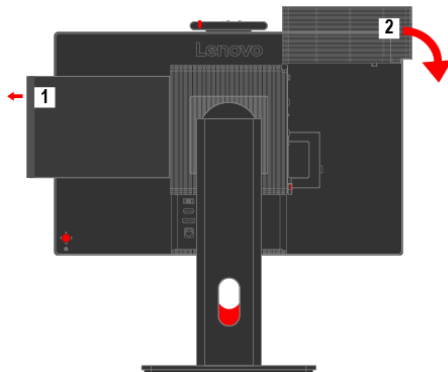
1. Release the screw that secures the computer.



2. Push the computer from the rear as shown to disconnect it completely from the 3 in 1 cable.

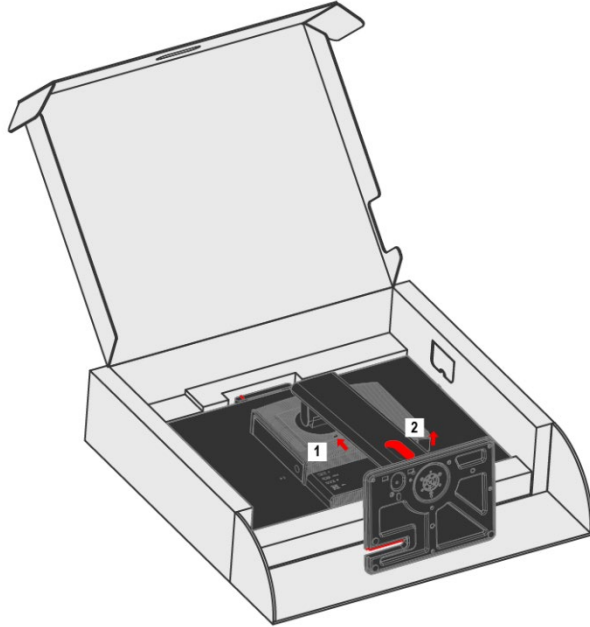


3. Pull the computer out of the computer bay. Then, pivot the cable cover as shown to the closed position.



#### Part 4: Remove the full-function monitor stand.

1. Place a soft, clean towel or cloth on the desk or surface. Hold the sides of your monitor and gently lay it down so that the screen is against the surface and the cover is facing up.
2. Slide the latch upward as shown. Then, pivot the monitor stand upward to remove it.



3. If you want to hang your monitor on the wall, you can install a VESA mount bracket that can be ordered from Lenovo.

# Monitor specifications

Table 3-1. Monitor specifications for type-model TIO24Gen6Touch/13LBGAR6WW

|                                                                                                               |                           |                                       |
|---------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------|
| Dimensions                                                                                                    | Depth                     | 205.0 mm (8.07 in.)                   |
|                                                                                                               | Height                    | 549.0 mm (21.61 in.)                  |
|                                                                                                               | Width                     | 539.8 mm (21.25 in.)                  |
| Weight                                                                                                        | Unpacked                  | 6.04 kg                               |
| Stand                                                                                                         | Tilt                      | Range: -5°/+23.5°                     |
|                                                                                                               | Swivel                    | Range: -45°, +45°                     |
|                                                                                                               | Pivot                     | Range: 0°, -90°                       |
|                                                                                                               | Lift                      | Range: 155 mm                         |
| VESA mount                                                                                                    | Supported                 | 100 mm × 100 mm (3.94 in. × 3.94 in.) |
| Image                                                                                                         | Viewable image size       | 604.7 mm (23.8 in.)                   |
|                                                                                                               | Maximum height            | 296.5 mm (11.67 in.)                  |
|                                                                                                               | Maximum width             | 527.0 mm (20.75 in.)                  |
|                                                                                                               | Pixel pitch               | 0.2745 mm (0.01 in.)                  |
| Aspect Ratio                                                                                                  | Size ratio                | 16:9                                  |
| Power input                                                                                                   | Supply voltage            | 20VDC                                 |
|                                                                                                               | Max supply current        | 6.75 A                                |
| Power consumption<br><b>Note:</b> Power consumption figures are for the monitor and the power supply combined | Max Consumption           | 42 W (max)                            |
|                                                                                                               | Typical Consumption       | 16 W (typ)                            |
|                                                                                                               | Standby/Suspend           | <0.5 W                                |
|                                                                                                               | Off                       | <0.3 W                                |
| DP                                                                                                            | Input signal              | DP                                    |
|                                                                                                               | Horizontal addressability | 1920 pixels (max)                     |
|                                                                                                               | Vertical addressability   | 1080 lines (max)                      |
|                                                                                                               | Clock frequency           | 300 MHz                               |
| HDMI                                                                                                          | Input signal              | HDMI                                  |
|                                                                                                               | Horizontal addressability | 1920 pixels (max)                     |
|                                                                                                               | Vertical addressability   | 1080 lines (max)                      |
|                                                                                                               | Clock frequency           | 300 MHz                               |
| Communications                                                                                                | VESA                      | DDC/CI                                |
| Touch Type                                                                                                    | Capacitive touch          | 20 Points max                         |
| Speaker                                                                                                       | Rated power               | 2 x 3W                                |
|                                                                                                               | Impedance                 | 4 Ohm                                 |
| Altitude Test                                                                                                 | Operation                 | 5000 m (16404 ft.)                    |
| Supported Display Modes                                                                                       | Horizontal frequency      | 30 kHz – 135 kHz                      |
|                                                                                                               | Vertical frequency        | 48 Hz – 120 Hz                        |
|                                                                                                               | Native Resolution         | 1920 x 1080 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                 | 8% to 80%                             |
|                                                                                                               | Storage                   | 5% to 95%                             |
|                                                                                                               | Shipping                  | 5% to 95%                             |

\* 20 point touch input may trigger Windows multi-finger gesture functions. To prevent unintended operations, disable multi-finger gestures in Windows Settings as follows:

1. Open Settings > Bluetooth & Devices (or Devices) > Touchpad.
2. Locate the Three-finger gestures and Four-finger gestures settings.
3. Under the Taps or Swipes dropdown menu, select Nothing or Off to disable the corresponding gesture functions.

# Troubleshooting

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

Table 3-2. Troubleshooting

| Problem                                                                                      | Possible cause                                                                                                                                                                               | Suggested action                                                                                                                                                                                                                                                                                                                                                                    | Reference                                                     |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| The words "Out of Range" are shown on the screen, and the power indicator is flashing white. | The system is set to a display mode which is not supported by the monitor                                                                                                                    | <ul style="list-style-type: none"> <li>If you are replacing an old monitor, reconnect it and adjust the display mode to within the specified range for your new monitor.</li> <li>If using a Windows system, restart the system in safe mode, then select a supported display mode for your computer.</li> <li>If these options do not work, contact the Support Center.</li> </ul> | "Selecting a supported display mode" on page 2-16             |
| 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 cables" on page 1-9                               |
|                                                                                              | The color settings may be incorrect.                                                                                                                                                         | Select another color setting from the OSD menu.                                                                                                                                                                                                                                                                                                                                     | "Adjusting your monitor image" on page 2-8                    |
|                                                                                              | The automatic image setup function was not performed.                                                                                                                                        | Perform automatic image setup.                                                                                                                                                                                                                                                                                                                                                      | "Adjusting your monitor image" on page 2-8                    |
| The power indicator is not lit and there is no image.                                        | <ul style="list-style-type: none"> <li>The monitor's power switch is not switched on.</li> <li>The power cord is loose or disconnected.</li> <li>There is no power at the outlet.</li> </ul> | <ul style="list-style-type: none"> <li>Be sure the power cord is connected properly.</li> <li>Be sure the outlet has power.</li> <li>Power on the monitor.</li> <li>Try using another power cord.</li> <li>Try using another electrical outlet.</li> </ul>                                                                                                                          | "Connecting cables" on page 1-9                               |
| Screen is blank and power indicator is amber.                                                | The monitor is in Standby / Suspend mode                                                                                                                                                     | <ul style="list-style-type: none"> <li>Press any key on the keyboard or move the mouse to restore operation.</li> <li>Check the Power Options settings on your computer</li> </ul>                                                                                                                                                                                                  | "Understanding power management" on page 2-18                 |
| 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 cables" on page 1-9                               |
|                                                                                              | 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 2-8                    |
| One or more of the pixels appear discolored                                                  | This is a characteristic of the LCD technology and is not an LCD defect                                                                                                                      | If there are more than five pixels missing, contact the Support Center                                                                                                                                                                                                                                                                                                              | "Appendix A. Service and Support" on page A-1                 |
| <ul style="list-style-type: none"> <li>Fuzzy lines in text or a blurry image.</li> </ul>     | <ul style="list-style-type: none"> <li>Your system Display Properties setting have not been optimized.</li> </ul>                                                                            | Adjust the resolution settings on your system to match the native resolution for this monitor: 1920 x 1080 at 60 Hz.                                                                                                                                                                                                                                                                | See the Advanced section of your system's display properties. |
|                                                                                              |                                                                                                                                                                                              | When working in the native resolution, you may find additional improvements by adjusting the Dots Per Inch (DPI) setting on your system.                                                                                                                                                                                                                                            |                                                               |

# 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/tio24gen6touch>, 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 **tio24gen6touch.inf** file, Click **Open** button. Click **OK** button.
12. In the new window, select **TIO24Gen6Touch** 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.

# Service information

## Customer responsibilities

The warranty does not apply to a product which has been damaged due to accident, misuse, abuse, improper installation, usage not in accordance with product specifications and instructions, natural or personal disaster, or unauthorized alterations, repairs or modifications.

The following are examples of misuse or abuse and not covered by warranty:

- Images burned on to the screen of a CRT monitor. Burned image is preventable by utilizing a moving screen saver or power management.
- Physical damage to covers, bezel, base and cables.
- Scratches or punctures on monitor screens.

## Getting further help

If you still can't solve your problem, please contact the Customer Support Centre. For more information on contacting the Customer Support Centre, please see Appendix A, "Service and Support" on page A-1.

## Service parts

The following parts are for use by Lenovo service, or Lenovo authorized dealers to support the customer warranty. Parts are for service use only. The table below shows information for model 13LBGAR6WW.

Table 3-3. List of service parts

| FRU (Field Replaceable Unit) Part number | Description                           | Machine Type | Colour       |
|------------------------------------------|---------------------------------------|--------------|--------------|
| 5A10V03264                               | 135w Power Brick                      | 13LB         | Raven Black  |
| 5CF1S60194                               | TIO24Gen6Touch - FRU Carton           | 13LB         | Kraft Yellow |
| 5D11P36291                               | TIO24Gen6Touch 23.8 MNT-HDMI          | 13LB         | Raven Black  |
| 5D11P36316                               | TIO24Gen6Touch - 23.8 FRU MNT         | 13LB         | Raven Black  |
| 5SE1P38279                               | TIO24Gen6Touch MNT-FRU Stand and Base | 13LB         | Raven Black  |

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## 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.

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### 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>

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### 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.

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### Quebec Disclaimer

#### **Quebec Disclaimer: English**

##### **IMPORTANT NOTICE FOR QUEBEC CONSUMERS:**

In regard to section 79.18 of Quebec's Regulation respecting the application of the Consumer Protection Act, Lenovo in no way guarantees the availability of (a) replacement parts; (b) repair services; and (c) information necessary to maintain or repair the goods. For up-to-date information on the technical support and parts available for your purchase, please consult <https://support.lenovo.com/ca/en>

#### **Quebec Disclaimer: Canadian French**

##### **AVIS IMPORTANT POUR LES CONSOMMATEURS DU QUÉBEC:**

En ce qui concerne l'article 79.18 du Règlement d'application de la Loi sur la protection du consommateur du Québec, Lenovo ne garantit en aucune façon la disponibilité des éléments suivants : (a) les pièces de rechange; (b) les services de réparation; et (c) les renseignements nécessaires à l'entretien à la réparation du bien. Pour obtenir des renseignements à jour sur le soutien technique et les pièces disponibles pour votre achat, veuillez consulter <https://support.lenovo.com/ca/fr>.

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### Telephone technical support

Installation and configuration support through the Customer Support Center will be withdrawn or made available for a fee, at Lenovo's discretion, 90 days after the option has been withdrawn from marketing. Additional support offerings, including step-by-step installation assistance, are available for a nominal fee.

To assist the technical support representative, have available as much of the following information as possible:

- Option name
- Option number
- Proof of purchase
- Computer manufacturer, model, serial number, and manual
- Exact wording of the error message (if any)
- Description of the problem
- Hardware and software configuration information for your system

If possible, be at your computer. Your technical support representative might want to walk you through the problem during the call.

## Worldwide telephone list

Phone numbers are subject to change without notice. For the most current phone Numbers, go to <http://www.lenovo.com/support/phone>

| Country or Region        | Telephone Number                                                                                                                                                         |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Argentina                | 0800-666-0011 (Spanish, English)                                                                                                                                         |
| Australia                | 1-800-041-267 (English)                                                                                                                                                  |
| Austria                  | 0810-100-654 (local phone) (German)                                                                                                                                      |
| Belgium                  | Warranty service and support: 02-339-36-11 (Dutch, French)                                                                                                               |
| Bolivia                  | 0800-10-0189 (Spanish)                                                                                                                                                   |
| Brazil                   | Calls made from within the Sao Paulo region: 11-3889-8986<br>Calls made from outside the Sao Paulo region: 0800-701-4815 (Portuguese)                                    |
| Brunei Darussalam        | 800-1111 (English)                                                                                                                                                       |
| Canada                   | 1-800-565-3344 (English, French)                                                                                                                                         |
| Chile                    | 800-361-213 (Spanish)                                                                                                                                                    |
| China                    | Technical Support Line: 400-100-6000 (Mandarin)                                                                                                                          |
| China (Hong Kong S.A.R.) | (852) 3516-8977 (Cantonese, English, Mandarin)                                                                                                                           |
| China (Macau S.A.R.)     | 0800-807 / (852) 3071-3559 (Cantonese, English, Mandarin)                                                                                                                |
| Colombia                 | 1-800-912-3021 (Spanish)                                                                                                                                                 |
| Costa Rica               | 0-800-011-1029 (Spanish)                                                                                                                                                 |
| Croatia                  | 385-1-3033-120 (Croatian)                                                                                                                                                |
| Cyprus                   | 800-92537 (Greek)                                                                                                                                                        |
| Czech Republic           | 800-353-637 (Czech)                                                                                                                                                      |
| Denmark                  | Warranty service and support: 7010-5150 (Danish)                                                                                                                         |
| Dominican Republic       | 1-866-434-2080 (Spanish)                                                                                                                                                 |
| Ecuador                  | 1-800-426911 (OPCION 4) (Spanish)                                                                                                                                        |
| Egypt                    | Primary: 0800-0000-850<br>Secondary: 0800-0000-744 (Arabic, English)                                                                                                     |
| El Salvador              | 800-6264 (Spanish)                                                                                                                                                       |
| Estonia                  | 372-66-0-800 (Estonian, Russian, English)                                                                                                                                |
| Finland                  | Warranty service and support: +358-800-1-4260 (Finnish)                                                                                                                  |
| France                   | Warranty service and support (hardware): 0810-631-213 (French)                                                                                                           |
| Germany                  | Warranty service and support: 0800-500-4618 (toll-free) (German)                                                                                                         |
| Greece                   | Lenovo Business Partner (Greek)                                                                                                                                          |
| Guatemala                | Dial 999-9190, wait for operator, and request to reach 877-404-9661 (Spanish)                                                                                            |
| Honduras                 | Dial 800-0123 (Spanish)                                                                                                                                                  |
| Hungary                  | +36-13-825-716 (English, Hungarian)                                                                                                                                      |
| India                    | Primary: 1800-419-4666 (Tata)<br>Secondary: 1800-3000-8465 (Reliance)<br>Email: <a href="mailto:commercialts@lenovo.com">commercialts@lenovo.com</a> (English and Hindi) |
| Indonesia                | 1-803-442-425<br>62 213-002-1090 (Standard Charges Apply) (English, Bahasa Indonesia)                                                                                    |
| Ireland                  | Warranty service and support: 01-881-1444 (English)                                                                                                                      |
| Israel                   | Givat Shmuel Service and Center: +972-3-531-3900 (Hebrew, English)                                                                                                       |

| Country or Region | Telephone Number                                                                                                                 |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Italy             | Warranty service and support: +39-800-820094 (Italian)                                                                           |
| Japan             | 0120-000-817<br>(Japanese, English)                                                                                              |
| Kazakhstan        | 77-273-231-427(Standard charges Apply) (Russian, English)                                                                        |
| Korea             | 080-513-0880 (Collect Call)<br>02-3483-2829 (Toll Call) (Korean)                                                                 |
| Latvia            | 371-6707-360(Latvian, Russian, English)                                                                                          |
| Lithuania         | 370 5278 6602(Italian, Russian, English)                                                                                         |
| Luxembourg        | ThinkServer and ThinkStation: 352-360-385-343<br>ThinkCentre and ThinkPad: 352-360-385-222 (French)                              |
| Malaysia          | 1-800-88-0013<br>03-7724-8023 (Standard Charges Apply) (English)                                                                 |
| Malta             | 356-21-445-566(English, Italian, Maltese Arabic)                                                                                 |
| Mexico            | 001-866-434-2080(Spanish)                                                                                                        |
| Netherlands       | 020-513-3939 (Dutch)                                                                                                             |
| New Zealand       | 0508-770-506 (English)                                                                                                           |
| Nicaragua         | 001-800-220-2282 (Spanish)                                                                                                       |
| Norway            | 8152-1550(Norwegian)                                                                                                             |
| Panama            | Lenovo Customer Support Center: 001-866-434(Toll-Free) (Spanish)                                                                 |
| Peru              | 0-800-50-866 (OPCION 2) (Spanish)                                                                                                |
| Philippines       | 1-800-8908-6454 (GLOBE subscribers)<br>1-800-1441-0719 (PLDT subscribers) (Tagalog, English)                                     |
| Poland            | Laptops and tablets branded with logo Think: 48-22-273-9777<br>ThinkStation and ThinkServer: 48-22-878-6999<br>(Polish, English) |
| Portugal          | 808-225-115 (Standard Charges Apply) (Portuguese)                                                                                |
| Romania           | 4-021-224-4015(Romanian)                                                                                                         |
| Russia            | +7-499-705-6204<br>+7-495-240-8558<br>(Standard Charges Apply) (Russian)                                                         |
| Singapore         | 1-800-415-5529<br>6818-5315 (Standard Charges Apply)<br>(English, Mandarin, Bahasa Malaysia)                                     |
| Slovakia          | ThinkStation and ThinkServer: 421-2-4954-5555                                                                                    |
| Slovenia          | 386-1-2005-60 (Slovenian)                                                                                                        |
| Spain             | 34-917-147-833(Spanish)                                                                                                          |
| Sri Lanka         | +9477-7357-123 (Sumathi Information systems) (English)                                                                           |
| Sweden            | Warranty service and support: 077-117-1040 (Swedish)                                                                             |
| Switzerland       | Warranty service and support: 0800-55-54-54 (German,<br>French, Italian)                                                         |
| Taiwan            | 0800-000-702 (Mandarin)                                                                                                          |
| Thailand          | 001-800-4415-734<br>(+662) 787-3067 (Standard Charges Apply) (Thai, English)                                                     |
| Turkiye           | 0-212-912-01-34 (Turkish)                                                                                                        |
| United Kingdom    | Standard warranty support: 03705-500-900 (local rate) Standard<br>warranty support: 08705-500-900(English)                       |
| United States     | 1-800-426-7378 (English)                                                                                                         |
| Uruguay           | 000-411-005-6649 (Spanish)                                                                                                       |
| Venezuela         | 0-800-100-2011 (Spanish)                                                                                                         |
| Vietnam           | 120-11072 (Toll Free)<br>84-8-4458-1042 (Standard Charges Apply) (Vietnamese, English)                                           |

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## Appendix B. Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area. Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service.

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Any performance data contained herein was determined in a controlled environment. Therefore, the result obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

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## Recycling information

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

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

環境配慮に関して

本機器またはモニターの回収リサイクルについて

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

[https://www.lenovo.com/jp/ja/services\\_warranty/recycle/pcrecycle/](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/personal/](https://www.lenovo.com/jp/ja/services_warranty/recycle/personal/)をご参照ください。

重金属を含む内部部品の廃棄処理について

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

## Collecting and recycling a disused Lenovo computer or monitor

If you are a company employee and need to dispose of a Lenovo computer or monitor that is the property of the company, you must do so in accordance with the Law for Promotion of Effective Utilization of Resources. Computers and monitors are categorized as industrial waste and should be properly disposed of by an industrial waste disposal contractor certified by a local government. In accordance with the Law for Promotion of Effective Utilization of Resources, Lenovo Japan provides, through its PC Collecting and Recycling Services, for the collecting, reuse, and recycling of disused computers and monitors. For details, visit the Lenovo Web site at

[https://www.lenovo.com/jp/ja/services\\_warranty/recycle/pcrecycle/](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 in 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/](https://www.lenovo.com/jp/ja/services_warranty/recycle/personal/).

## Disposing of Lenovo computer components

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

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The Lenovo logo

ThinkCentre

ThinkPad

ThinkVision

Microsoft, Windows, and Windows NT are trademarks of the Microsoft group of companies.

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## Turkish statement of compliance

The Lenovo product meets the requirements of the Republic of Türkiye Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (EEE).

### **Türkiye AEEE yönetmeliğine Uygunluk Beyanı**

Bu Lenovo ürünü, T.C. Çevre Şehircilik ve İklim Değişikliği Bakanlığı'nın Atık Elektrikli ve Elektronik Eşyaların Kontrolü Yönetmeliğine (AEEE)" uygundur.

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## Ukraine RoHS

Цим підтверджуємо, що продукція Леново відповідає вимогам нормативних актів України, які обмежують вміст небезпечних речовин.

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## India RoHS

RoHS compliant as per E-Waste (Management & Handling) Rules, 2011.

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## Power cords and power adapters

Use only the power cords and power adapters supplied by the product manufacturer. Do not use the AC power cord for other devices.