



T315 Touch Monitor User Manual

V260304



How-to Videos

Notices, Cautions & Warranty Exclusions

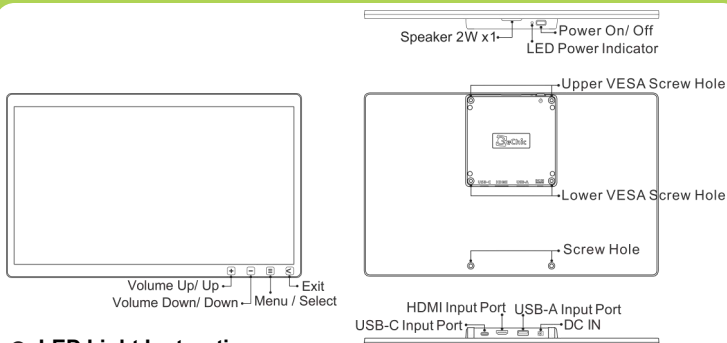
Failure to follow the instructions below may cause injury or product damage.

-  1. Use only the power supply and power cord that comes with the monitor. Using other power adapter may cause malfunction or danger.
-  2. It is recommended to use the monitor in a well-ventilated environment at room temperature around 0° to 40° and humidity around 45% to 85%. The monitor should display continuously changing images rather than the same and a still image for a long time. If you need to use this monitor in an abnormal environment such as high temperature, high humidity, confined space, low atmospheric pressure, etc., please contact GeChic customer service center for further advice on operating environment.
-  3. When plugging in/out the cables, do make sure the force exerts in horizontal direction. DO NOT shake the port or plug it in vertical direction. **Any damage caused by wrong plugging is excluded from the warranty coverage.**
-  4. Cleaning the Monitor: Turn off the power and unplug the power cable before cleaning. Please use a soft cloth to clean the touch screen. If stains adhere to the surface, wipe with water or neutral detergents. **"Strong bases" will destroy the effect of the anti-fingerprint coating; hence, it is forbidden to clean the monitor with solutions containing strong bases. Do not use corrosive acidic/alkaline solvents or detergents, as these solvents may cause permanent damage to the screen or leave non-removable stains.**
-  5. Do not expose the LCD panel to sunlight.
-  6. The product is not waterproof. Do not use this product in or near water.
-  7. Do not insert any object into the Product's slots or gaps. Do not disassemble the monitor in any way.
-  8. Overuse may harm eyesight. Take a 10-minute break after every 30 minutes of use. Children under 2 years old should avoid screen time; children aged 2 and above should be limited to no more than 1 hour per day.
-  9. Exclusions from Warranty Service
Please read the warranty terms below carefully, and follow the usage guide and precautionary notes. Please keep this manual for future reference. GeChic does not warrant uninterrupted or error-free operation of this Product. The warranty only covers failure /malfunction under normal use conditions during warranty period. The warranty does not apply to the following conditions:
 - (1) The bar code has been removed or worn down, and cannot be identified.
 - (2) This product has been modified, disassembled, or refitted.
 - (3) The display and touch functions are working normally; only appearance changes caused by normal wear and tear, such as scratches, brightness reduction, color shift, or other exterior changes that occur over time.
 - (4) Any breakdown caused by power supply. (e.g., supplying over 5V to USB-C/USB-A ports or over 24V to the DC IN port, or using unstable power sources.)
 - (5) Any damage caused by improper operation or failure to follow this manual (e.g., plugging or unplugging cables incorrectly and causing damage to the cables or the monitor).
 - (6) Any damage resulting from impact, collision, dropping, overturning, or the monitor falling over.

LCD Pixel Statement

There is slightly uneven brightness on the screen when displaying different screen pattern. The LCD screen has 99.99% or more effective pixels. 0.01% of pixels or less may not light or may light incorrectly. The monitor uses a high quality LCD panel. Nevertheless, pixels on the LCD screen may not light or appear as red or black dots. All the above are normal with the LCD monitor and will not affect the normal usage of the product. Avoid placing the monitor against sunlight, or it may damage the monitor.

Parts Description



● LED Light Instruction

It shows **green light** when the monitor is "On" and shows **red light** when the monitor is standby. There is no light when the monitor is "Off".

● OSD Hotkeys

	Power	Press once to turn on the monitor and press again to turn off the monitor. Reset: Press and hold for 5 seconds to reset the OSD settings to default.
	Exit	Press this button to show "Input Source" and then press to switch the input sources. When using the OSD menu, press this button to return to previous page.
	Menu/ Select	Press this button to launch OSD panel. When using OSD menu, press this button to select and enter the next page.
	Volume Up/ Up	Press this button to show "Volume bar". Press and hold this button to increase the volume continuously. In the OSD menu, press this button to move up or the left.
	Volume Down /Down	Press this button to show "Volume bar". Press and hold this button to decrease the volume continuously. In the OSD menu, press this button to move down or to the right.
	OSD Button Unlock	Press both "Up" and "Down" buttons at the same time to release "OSD Button Lock" and enable the functions of OSD buttons.

Accessories Description

HDMI-A Video Cable(1.5m) x1	⚠ For this monitor only. Do NOT use with other devices.
USB-A (Dual) to USB-A Power & Touch Signal Cable(1.5m) x1	
USB Type-C Video Cable(2m) x1	

Optional Accessories

Optional Accessories	Description
HDMI-A Video Cable (2.5m)	Connect one end to the T315 monitor and the other end to the computer to transmit HDMI video.
USB-A(dual) to USB-A Power & Touch Signal Cable (2.5m)	Connect one end to the T315 monitor and the dual-head USB-A plug to the computer's USB-A port to transmit power and touch signals.
T315 Proprietary Mounting Frame Plate	Attach the two frame plates to the screw holes on the back of the monitor, then secure the monitor into the enclosure using the screw holes on the frame plates.
Wall-Mount Bracket Kit	Attach the wall-mount bracket (male) to the monitor's VESA 100 screw holes, then hang it onto the wall-mounted bracket (female).

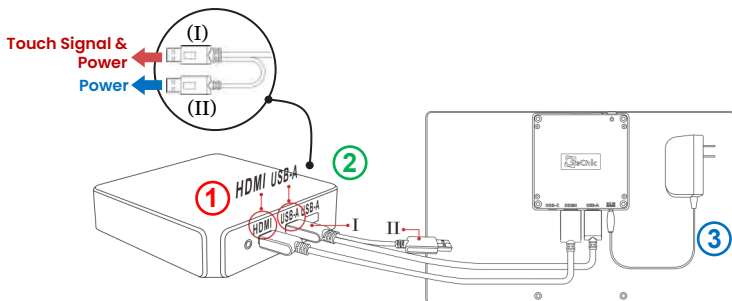
Connect to the Computer via the HDMI Port

① Connect [HDMI-A Video Cable](#) to the HDMI-A port on the computer for video signal, ② and the [USB-A male plug\(I\)](#) of the [USB-A\(dual\) to USB-A Power and Touch Signal Cable](#) to the computer's USB-A port for touch signal. If you intend to power the monitor through two USB ports on the computer, connect the [USB-A plug\(II\)](#) as well.

❗ **Caution!** When powering the monitor from a computer, ensure the computer's power adapter provides an extra 10-11W of power so the USB-A port can supply sufficient power.

❗ **Caution!** When transmitting video via HDMI, the USB-A port must be used to transmit touch signals (not a USB-C port).

③ Use either 12V power adapter or two USB-A ports (total over 1.8A output) to power the monitor with sufficient current. When the monitor connects with 12V power adapter, the monitor will automatically interrupt the input current from the computer's USB-A ports.



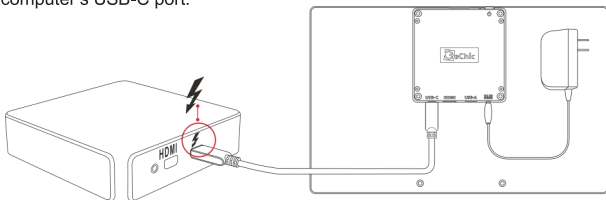
Connect to the Computer via the USB-C Port

❗ **Notice 1:** The USB Type-C ports on computers or other devices must:

1. Support DisplayPort Alternate Mode (USB Type-C (DP Alt)).
2. Stably provide sufficient 5V power to the monitor. (If your device cannot supply enough power, please connect a 12V power adapter to the monitor.)

❗ **Notice 2:** The USB-C port on the monitor cannot supply power to the computer.

As shown in the fig., connect the [USB-C Video Cable](#) to the USB Type-C(DP Alt) Port (Thunderbolt 3 port) on the computer. The computer outputs video, USB signals, 5V current through this cable to the monitor. There is no need to connect to the adapter when the computer's USB-C port can supply sufficient 5V current. Otherwise, please connect to the 12V power adapter, and the monitor will automatically interrupt the input current from the computer's USB-C port.



Connect to Two Computers

❗ **Caution!** The monitor must be connected to a 12V power adapter; otherwise, it will not turn on.

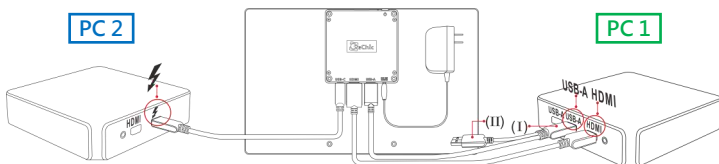
❗ **Caution!** The USB Type-C port on your computer or device must support DisplayPort Alternate Mode.

① **Connect power:** Connect the 12V power adapter to the monitor's DC IN port.

② **Connect to PC 1:** Connect the [HDMI-A Video Cable](#) to the monitor and the computer (PC 1) for video signals. Connect [USB-A \(I\)](#) of the [USB-A\(dual\) to USB-A Power and Touch Signal Cable](#) to the USB-A port on the monitor to transmit touch signals.

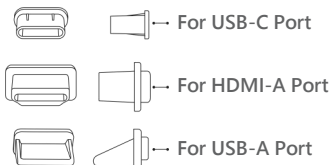
③ **Connect to PC 2:** Connect the [USB-C Video Cable](#) to the monitor and the computer (PC 2)'s USB-C port (DP Alt Mode) to transmit both video and touch signals.

The monitor can only display the image from one PC. Press  to switch input sources between [USB Type-C] or [HDMI, USB-A]. When [HDMI, USB-A] is selected, the monitor will display the image from PC 1; also, the touch signal is transmitted to PC 1(USB-A port). When [USB Type-C] is selected, the monitor will display the image from PC 2 and the touch signal is transmitted to PC 2(USB Type-C port).



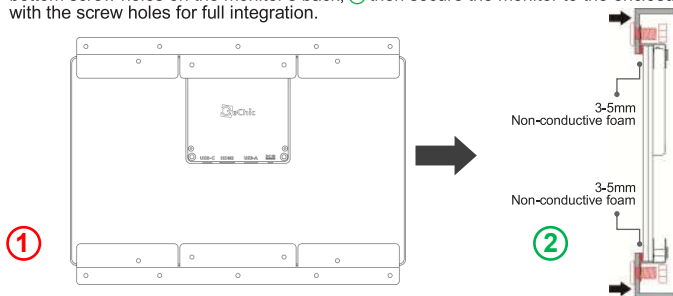
Using Dust Covers for I/O Ports

The user manual pouch includes dust covers for the USB-C, HDMI-A, and USB-A ports. If the monitor is used in a dusty environment, it is recommended to attach the dust covers to any unused ports to prevent dust from entering.



Use T315 Proprietary Mounting Frame Plate (Optional)

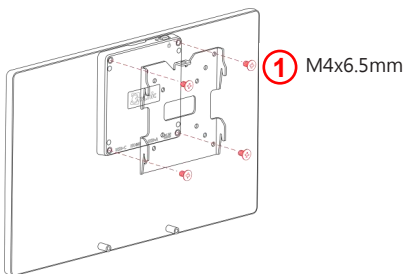
With the [T315 Mounting Frame Plate \(Optional\)](#), ① secure each frame plate to the top and bottom screw holes on the monitor's back, ② then secure the monitor to the enclosure with the screw holes for full integration.



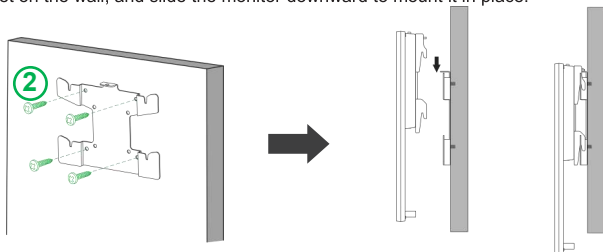
- For detailed specifications, installation instructions, and precautions for this accessory, please refer to the accessory manual or the product page on our official website.

Use Wall-Mount Bracket Kit (Optional)

With the optional high-strength galvanized steel [Wall-Mount Bracket Kit \(Optional\)](#), the T315 can be mounted on a wall. ① Use four M4 screws to secure the wall-mount bracket (male part) to the monitor's VESA 100 mounting holes.



② Prepare four self-tapping screws to secure the wall-mount bracket (female part) to the wall. Finally, align the wall-mount bracket (male part) on the back of the monitor with the bracket on the wall, and slide the monitor downward to mount it in place.



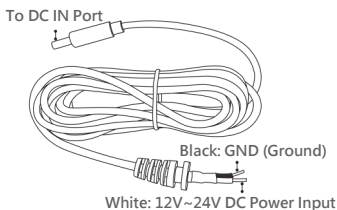
- For detailed specifications, installation instructions, and precautions for this accessory, please refer to the accessory manual or the product page on our official website.

Power Supply Connection Instruction

● 24V, 12V and 5V Power Input

There are four ways to supply power to the monitor:

1. **Using the 12V power adapter:** Connect it to the monitor's DC IN port. When 12V power is supplied to the monitor, the monitor will automatically stop receiving 5V input from the USB-C and USB-A ports.
2. **Using a computer's Thunderbolt 3 or USB Type-C (DP Alt) port:** Connect it to the monitor's USB-C port to supply 5V power to the monitor.
3. **Using two USB-A (USB 3) ports on a computer:** Connect the USB-A ports to the monitor's USB-A port to supply 5V power to the monitor.
4. **Using a DC plug power cord:** Connect the DC plug to the monitor's DC IN port and the other end to a 12V~24V DC power source.



Power on, Standby and Power off Status

1. When the monitor is connected to power, it will automatically boot up and enter the "ON" state.
2. If there is no image input, the monitor will enter "Standby" status after 8 seconds. After 270 secs of Standby, it will automatically switch off. To keep the monitor on when no video input is detected, please go to the OSD Menu> Advanced Settings> Auto Power Off, and select "Sleep" or "Standby".
3. When the monitor is in "Sleep" or "Standby" mode, it will automatically switch to "ON" and display video when a video signal is detected.
4. In "On", "Standby", or "Sleep" state, press the power button will turn off the monitor and press the power button again to turn it on.

OSD Menu Description

❗ **Notice:** The OSD menu cannot be directly operated through the touchscreen glass. Please use the 4 buttons under the monitor to control the operation.

📘 When turning on monitor at the first time, the "Language" menu appears. Please use OSD buttons "Up", "Down", "Menu / Select" to choose a language. If no one is selected, the system will be set as English for default.

1. Display Settings

As shown in the Fig., enter "Display Settings" to adjust "Brightness", "Contrast", Sharpness", etc.

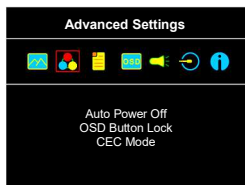
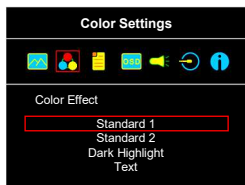
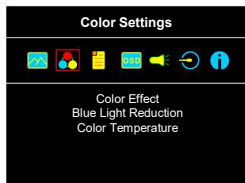
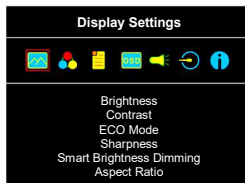
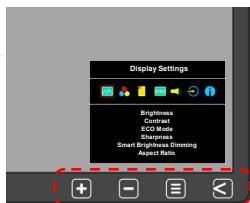
- 1) ECO Mode: Select "On" to enable ECO mode. The screen brightness will be set to "60" and gradually increase over time, **helping to extend the backlight lifespan by approximately 20–30%.**
- 2) **Smart Brightness Dimming:** When enabled, if no touch input is detected on the display area for over 30 minutes, the monitor will automatically dim. Touch the display area to restore previous brightness level. (Using a lower brightness level when no touch input is detected **helps reduce power consumption and extend the panel's lifespan.**)
- 3) Aspect Ratio: When "Full Screen(16:9)" is selected, the monitor displays a 16:9 image in full screen. When "4:3" is selected, the monitor displays a 4:3 image with left-right side black borders to fill the 16:9 screen. When "Original" is selected, the monitor displays the image in its original size.

2. Color Settings

- 1) Color Effect: If the output format of computer image is RGB Limited, it is recommended to select "Standard1"; if it is RGB Full format, it is recommended to select "Standard2". Select "Dark Highlight" mode to brighten up dark areas; select "Text" mode to make HTML text clearer.
- 2) Blue Light Reduction: Select "On" to reduce the screen's blue light automatically.
- 3) Color Temperature: Select "Cool" to increase the blue color of the image; Select "Warm" to increase the red color of the image. Select "User" to adjust the RGB color settings manually.

3. Advanced Settings

- 1) Auto Power Off: Select "Yes" to activate this function. The monitor will automatically turn off when no video signal is detected and can only be powered on by pressing the power button. When "Standby" is selected, the monitor will automatically display the video about 2 seconds after a signal is detected. When "Sleep" is selected, the monitor will automatically display the video about 7 seconds after a signal is detected.



- 2) OSD Button Lock: If "On" is selected, the four OSD buttons are disabled. Press and hold the power button for 5 seconds, the monitor will restore factory settings and enable the four OSD buttons again. (Hot-Key: Pressing   two buttons at the same time will release OSD Button Lock and enable the OSD buttons)
- 3) CEC Mode: Select "On" and the HDMI of monitor is connected to a computer with HDMI CEC function. When you turn on/off the monitor, it commands the computer to turn on/off automatically. When you turn off the computer, the monitor will be turned off as well. However, when the monitor is off-mode, it can't be turned on automatically. You need to turn the monitor on by pressing its power button.

4. OSD Menu

- 1) Language Select: Change to the other language.
- 2) H. Position: Move the OSD menu left/right.
- 3) V. Position: Move the OSD menu up/down
- 4) Orientation: Change the orientation of the OSD window. For example, selecting "90°" will rotate the OSD window 90 degrees counterclockwise.
- 5) Timer (sec): Adjust the idle time before the OSD menu automatically disappears.
- 6) Transparency: Make the OSD menu transparent to show the background.

5. Audio

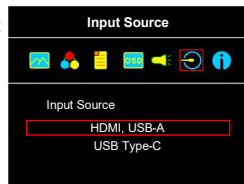
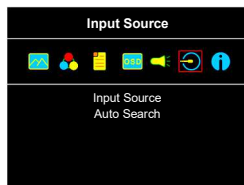
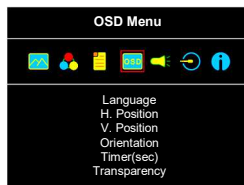
Adjust the audio volume or activate the mute mode. When "On" is selected for "Mute", the monitor stops playing audio and the sound can only be played after "Mute" mode is turned off.

6. Input Source

- 1) Input Source: Select **HDMI**, **USB-A** (video input via the HDMI-A port and touch input via the USB-A port) or **USB Type-C** (video and touch input via the USB Type-C port).
- 2) Auto Search: When "On" is selected, the monitor will detect two video input sources in sequence, and the monitor will show the first video input detected. When "Off" is selected, only the video source selected in Input Source will be displayed. If there is no such selected video input, the monitor will show "No signal" warning message, and won't detect other video sources.

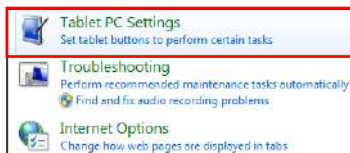
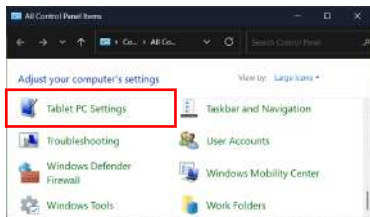
7. Information: Show frequency of the input image, model name, firmware version, etc.

- 1) Reset: Select "Yes" to restore factory defaults.



Multi-Monitor and Touch Monitor Settings (Windows 11/ 10/ 7)

If the computer does not activate touchscreen function automatically or the monitor doesn't sense touch position accurately, please use "[Tablet PC Settings](#)" in Windows 7/10/11 "Control Panel" to start touch screen setting.



As shown in the figure, please click "Setup". When the on-screen instruction is shown on T315 monitor, touch T315 screen to complete the touch screen setting.

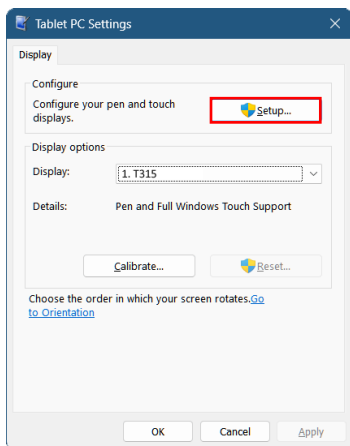


Fig.: Windows 7/8/8.1/10 OS

Fig.: Windows 10 (20H2+) / 11 OS

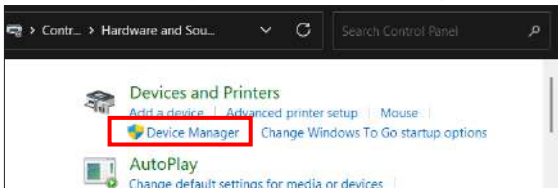


Scan the QR code to learn how to set up touch calibration on Windows 10/11.

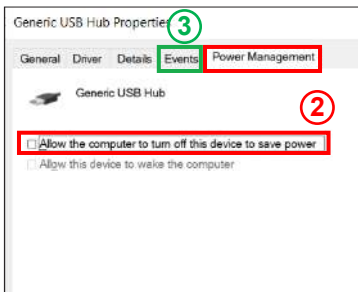
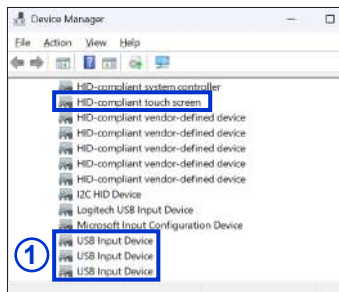
Touch Screen Settings

● Prevent Windows 11/10 from Turning Off USB Devices Automatically

When a Windows 11/10 PC enters sleep mode, it automatically turns off the power of USB devices. If the touch function becomes unavailable or the USB-C video input disappears after waking from Sleep mode, it's recommended to disable Windows' automatic USB power-off setting. Please open [Device Manager]:



Expand [Human Interface Devices], find [HID-compliant touch screen] or [USB Input Device], and double click to open "Properties" windows. Click "Power Management" tab, **uncheck** "Allow the computer to turn off this device to save power", and click OK.



If multiple devices are listed, open "Event" for each one and check the VID and PID values under "Information".
The T315 is identified by VID 222A and PID 5424.



Touch Sensing Instructions

● Use the touch Stylus

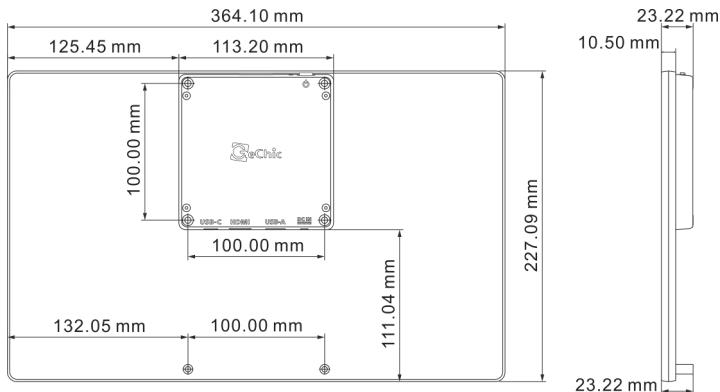
This touch monitor does not support MPP or USI protocols, nor does it support active styluses designed for tablets or smartphones.

1. **Passive Touch Stylus:** T315 touch monitor supports passive touch pens with conductive rubber tip or plastic disc larger than 6mm in diameter.
2. **Active Touch Stylus:** The touch sensitivity of commercially available active styluses varies. The T315 monitor supports only those with sufficient electromagnetic induction (e.g., Adonit® Dash 3, Adonit® Neo Duo).

● Touch with PVC Gloves or Wet Finger

T315's touchscreen can be operated while wearing gloves made of PVC, latex, knit, or cotton (recommended glove thickness: under 1 mm), or with slightly moist fingers, as long as no water droplets are formed on the glass surface.

Monitor Dimension



Scan the QR code for FAQs and troubleshooting.

i To request the drawing of the monitor's dimension and product EOL notifications, please write to : service@gechic.com

General Specification

Spec	T315
Panel	Wide Screen 15.6 inch(16:9)
True Resolution/ Color Depth	1920x1080/ 16.2M Colors
Brightness/ Contrast (Typical)	450(cd/m²)/1500:1
Viewing Angle	170°(H)/170°(V)(CR>10)
Touch Technology	Projected Capacitive Touch Screen; Support 10-point touch inputs recognition
Screen Hardness & Thickness	Panel surface hardness ≥ 7H, Thickness1.8mm
Screen Coating	A.G (Anti-Glare) and A.F (Anti-fingerprint) Coating
Video Input	HDMI-A(HDMI v1.4)×1, USB Type-C (DP 1.2)×1
Supported Display Modes	H-sync:30KHz~68KHz (H) ; V-sync:48Hz~62Hz (V)
USB-C Port (Upstream)	USB Type-C×1(DP 1.2 Video Input) (Power Delivery: 5V DC Input) (USB 2.0)
USB-A Port (Upstream)	USB-A×1(Power Delivery: 5V DC Input) (USB 2.0)
DC IN Port	DC Jack (Pin OD 1.30Φ) ×1 (12V / 24V DC Input)
Speaker	2W×1
HDCP Support	Yes
Supported Computer OS	Support Windows 11/10/7, Linux, Debian, Ubuntu, Chrome OS, Raspberry Pi OS., etc. (If the Linux version doesn't have touchscreen function enabled, please contact the system vendor to activate the "HID multi-touch panels" functionality.)
Power Consumption	9W
Power Consumption- Standby Mode	1.0W
Power Consumption- Off Mode	0.2W
Rating Voltage (Typical)	12V  0.75A
VESA Support	VESA 100 (100mm × 100mm), 8 mm screw hole depth
IP Class	IP5X rating when all connectors are fitted with cables, the power adapter, or dust covers.
Environment Conditions	Operation: 0~50°C/ Storage -20~60°C
Dimension(W × L × D)	364.10mm×227.09mm×23.22mm
Net Weight (Typical)	1450g
Country of Origin	Made in Taiwan
Certifications	     

Supported Video Modes

1920x1080P (50Hz / 59.94Hz / 60Hz)	1280x720P (50Hz / 59.94Hz / 60Hz)
720x480P (59.94 / 60Hz)	640x480P (59.94 / 60Hz)

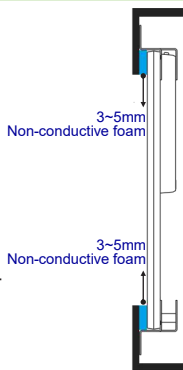
Whether Your Operation System Supports External Touch Monitor

T315 touch monitor complies with Microsoft® multi-touch protocol. No driver installation is required for Windows 11/ 10/ 7 computer to use T315 touch monitor. For computers running Linux, Ubuntu, or Chrome OS, please consult your computer manufacturer whether the computer is enabled to support " Microsoft Multi-touch protocol". If the protocol is supported, the T315 can be used.

Operation System	External Touch Monitor Support (via USB port)
Apple Mac OS	Not supported (e.g., Apple® iMac, MacBook series computers)
Apple iOS	Not supported (e.g., Apple®, iPhone series smartphone)
Windows 11/ 10/ 7	Supported
Windows Embedded Standard 7 (SKU-P)	Supported
Linux	Linux Kernel 3.8 onwards supports Microsoft Multi-Touch Protocol compliant touch screens. Please check with your computer manufacturer to confirm if this function is enabled.
Debian	Debian 9 onwards supports Microsoft Multi-Touch Protocol compliant touch screens.
Chrome OS	Linux Kernel 3.9 onwards supports Chrome OS. Please check with your computer manufacturer to confirm if this function is enabled.
Ubuntu	Ubuntu Kernel 2.6 onwards supports Microsoft Multi-Touch Protocol compliant touch screens. Please check with your computer manufacturer to confirm if this function is enabled.

Troubleshoot Touchscreen Issues

1. When booting up the monitor, excessive static electricity or hands on the glass surface will affect the touch screen function. Please remove the static electricity and reboot the monitor again.
2. Please keep the touch monitor away from light bulbs and other objects that generate strong electromagnetic fields, which may trigger ghost touch reaction.
3. The monitor adopts a projected capacitive touch panel. When metal or other conductive materials come into contact with the glass surface, it may cause false touch reactions.
4. If this monitor is installed within a metal casing, please avoid direct contact between the enclosure and the glass sensing area. As shown in the diagram, it is recommended to use non-conductive foam with a thickness of 3~5mm to isolate the metal casing from the touch-sensitive glass, in order to prevent false touch reactions.



WEEE Symbol Information

This product needs to be recycled at an appropriate recycling point. Do not mix it with household waste.

This symbol on the product, accessories or literature indicates that this product and its electronic accessories (e.g., adapter, cables) must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of these items by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



For Disposal in Countries Outside of the European Union

If you wish to discard this product and its accessories in other area and countries, please contact your local government for applicable laws and regulations governing the disposal of this product.

FCC Compliance Statement

Notice: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15B of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

1. Changes or modifications not expressly approved by GeChic Corp. could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.



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