USER MANUAL

SN32UAA01.0

V0.01

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SAFETY INSTRUCTIONS

Please carefully read through and keep the following instructions for future reference before using the display.

- Before using the display, please read this manual completely and follow the guidelines to protect your own and other people's property and avoid causing serious injury.
- Make sure that the local power supply complies with the display's power requirements.
- Do not block the ventilation openings on the rear of display and ensure that there is enough space around the display to allow for heat dissipation. It is suggested to periodically clean the display's ventilation openings.
- Do not open the rear cover. Damage caused by improper use is not covered by warranty.
- DO NOT place this display in direct sunlight or install near any heat sources (such as radiators, heat registers, stoves, or sound amplifiers). Exposure to direct sunlight can cause damage over time and sunlight reflection will spoil user experience when viewing content on the display.
- Do not place the display on platforms or carts that are unstable, slanted or shaky. The display may fall and cause serious personal injury or damage to the display.
- Always comply with all warnings and instructions labels on the display.
- Do not install the display in a confined environment.
- If you want to mount the display in a recessed TV wall mount, make sure to leave enough space around the display to ensure good ventilation and to avoid operation at an abnormal temperature.
- Avoid excessive pressure or temperature changes as special liquid-crystal material in the display may result in cracks, scratches or damage.
- Keep your eyes or mouth away from the liquid-crystal material if it leaks from the panel. In case of having the liquid-crystal material on your hands, legs, or clothes, wash it away thoroughly with soap.
- Keep candles or other flammable items away from the display to avoid risks of fire.
- Do not stick your finger or other objects in-between the display and its neighboring area in order to avoid harming yourself or damaging the display.
- Do not apply excessive force on the display so as to avoid damaging the product.
- ONLY USE accessories specified by the manufacturer.
- Never attempt to repair or open the display by yourself. Opening and removing the covers may expose you to dangerous voltage or other hazards. Failure to follow this WARNING may result in death or serious injury. Please contact your dealer or a service technician for assistance.
- When positioning the display, make sure the power plug and outlet are easily accessible and protect the power cord from being walked on or pinched.
- DO NOT use any unapproved items or cables to connect to this display.
- Product described in this manual may include copyrighted software of AUO and possible licensors. Customers shall not reproduce or tamper with the said software without permission.
- Clean only with a dry cloth provided by the manufacturer and turn the power off before cleaning.
- Keep this display and all package contents (including the EPE foam packaging cushion and protective board) out of the reach of children at all times.

WARNING: If using a Class I adapter, connect only to a grounded electrical outlet.

Consult an authorized service technician if the display does not operate normally when you have followed the instructions in this manual.

WHAT'S IN THE BOX

Package Contents

Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your display.

- Display
- Power Adapter x 1
- Power Cord x 1
- Cable Hook x 5

MOVING THE DISPLAY

Unpacking the Display

Before unpacking the display, prepare a flat and stable surface near a wall outlet. Set the product box in a position according to the indications on the outside of the product box.

1. Open the carton.
2. Remove the product box.
3. Open the product box from the side.
4. Remove the display from the box.
5. Open the compartment cover and then remove the accessories from the compartment.
6. Remove the display from the anti-static bag.

NOTE: If you are going to set the display down on a flat surface, DO NOT remove the protective film from the screen after removing the display from the anti-static bag.
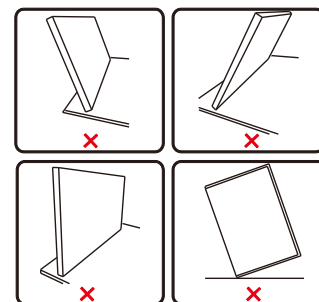
Carrying the Display

When carrying the display, always grip it using both hands from the bottom side and with the display panel facing forward. DO NOT put force to the screen when gripping the display.
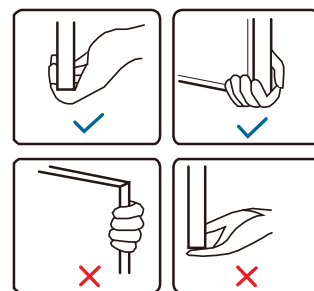
⚠ **CAUTION:** Avoid applying force or using sharp objects on the screen at all times.
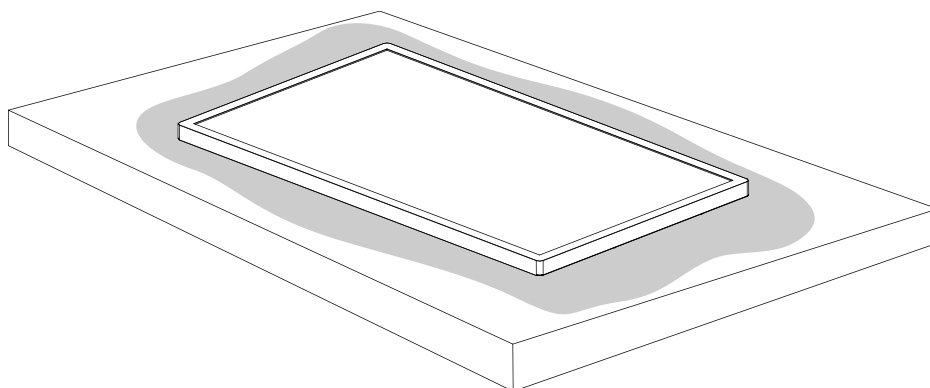
Placing the Display

When placing the display, always put the screen face up as illustrated in the Setting Down the Display section. Never stand the display upright or tilt the display towards the left, right or balanced on a single corner of the frame.

Setting Down the Display

DO NOT remove the protective film from the screen when setting the display down for the first time. Place the screen face up on a flat and stable surface covered by a protective sheet and a cushion as shown in the illustration provided.

⚠ **CAUTION:** Never press or place anything on the screen. This may damage the internal parts of the display.

MOUNTING THE DISPLAY

To avoid injuries, follow the installation instructions to safely install the display onto a wall. It is recommended to allow a certified installation company to conduct the wall mounting operation.

CAUTION: Dropping the display may cause injuries to people around it.
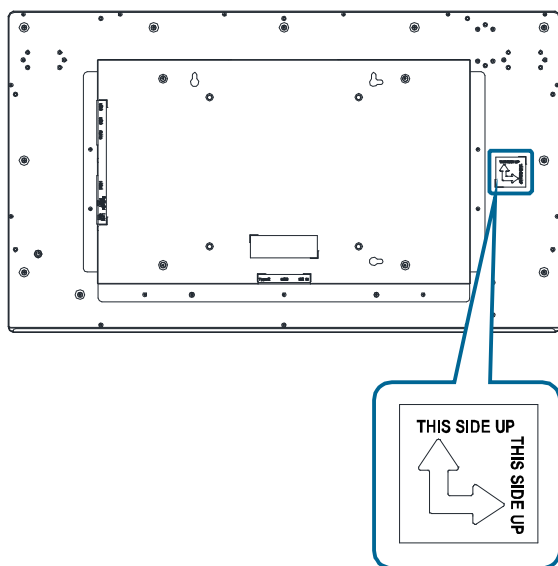
**NOTE:** A wall mount may be purchased separately for easier installation.

Adjusting Directions

If you wish to use the display vertically or horizontally, adjust the display such that the arrow marks on the back of the display are pointing upward. If the display is not mounted in such a way, the display may not function properly.

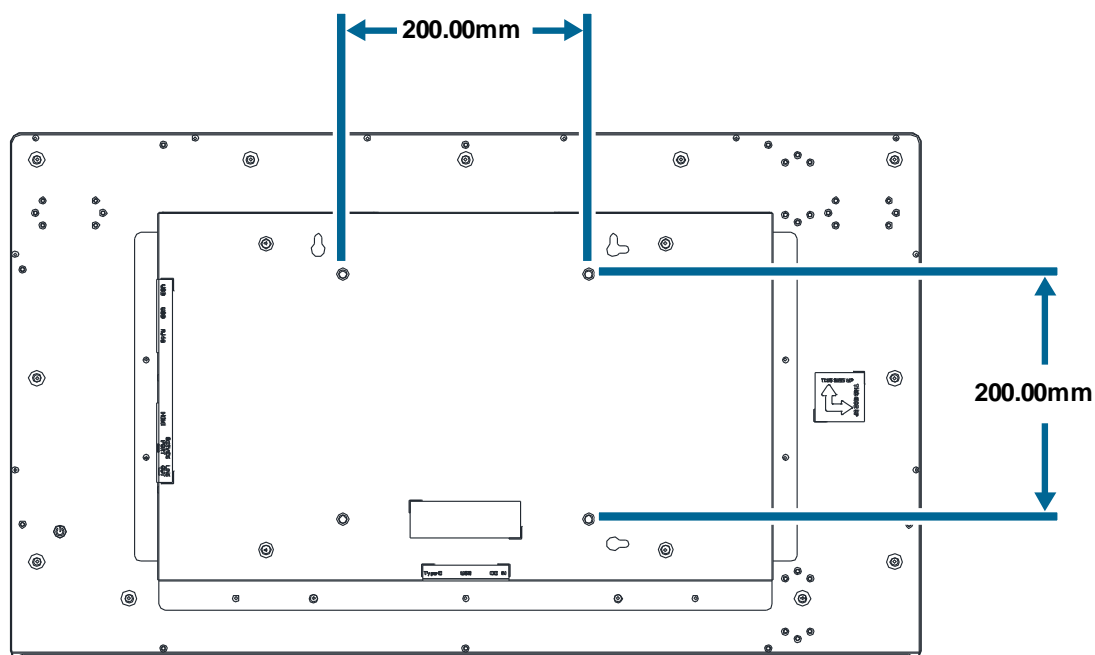**Horizontal (Landscape)**   **Vertical (Portrait)**
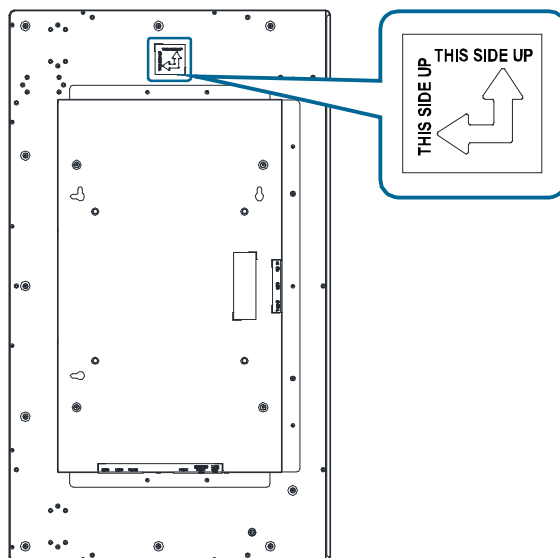
Display Mount Specifications

VESA Mounting

The back of the display is equipped with four screw holes with a VESA dimension of 200 x 200mm. Firmly secure a VESA mount onto the display using four M6 screws (Length: 10mm, maximum torque: 8 kgf-cm).

Wall Mounting

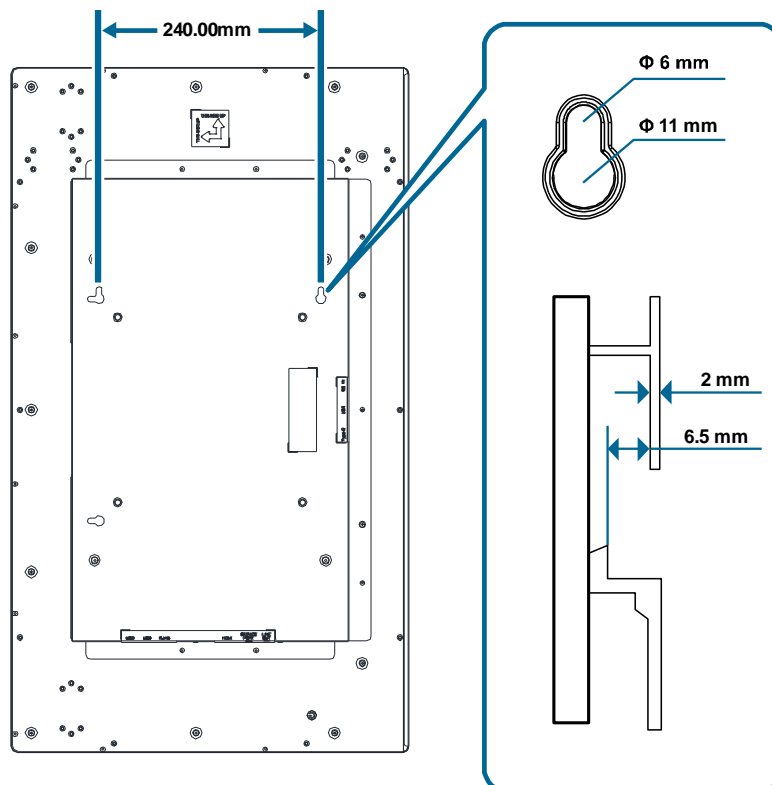The display also features three mount holes on the back side that allow for mounting the display horizontally or vertically on a wall. Firmly secure the display onto a wall using two screws or hooks (maximum head diameter: 11mm, minimum head diameter: 6mm, maximum head depth: 6.5mm).

Horizontal (Landscape)

240.00mm

Φ 6 mm
Φ 11 mm

2 mm
6.5 mm

Vertical (Portrait)

240.00mm

Φ 6 mm
Φ 11 mm

2 mm
6.5 mm
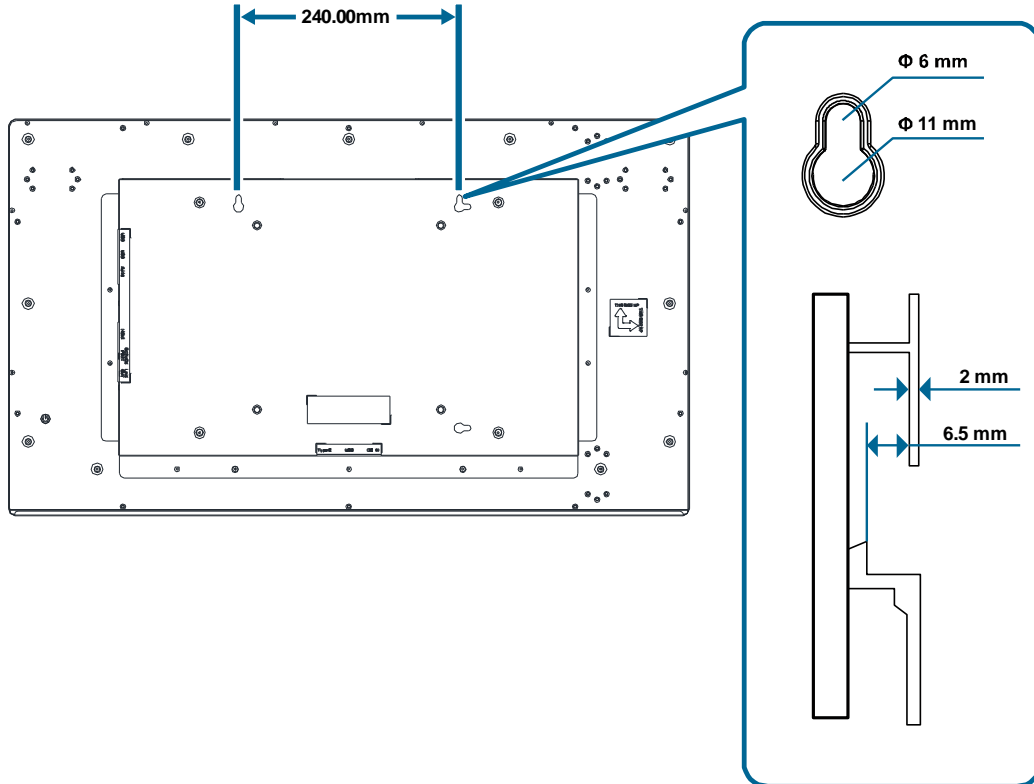
USING THE CABLE HOOKS

The supplied cable hooks allow you to create one or more routing channels to secure the cables on the back panel of the display based on how the display will be used.

The area where you can adhere the hooks to route the cables is shaded blue in the following image.
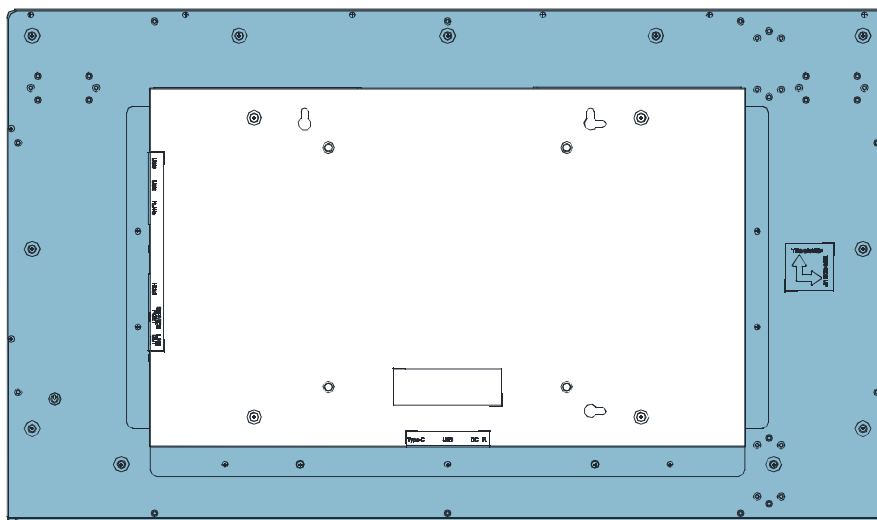
NOTE: Plan well before you adhere the hooks. Removing and re-adhering the hooks may cause the adhesives on the hooks to weaken and prevent them from being re-adhered.

SETTING UP THE DISPLAY

Main Components

The following image and table show the location of the connectors and other components.
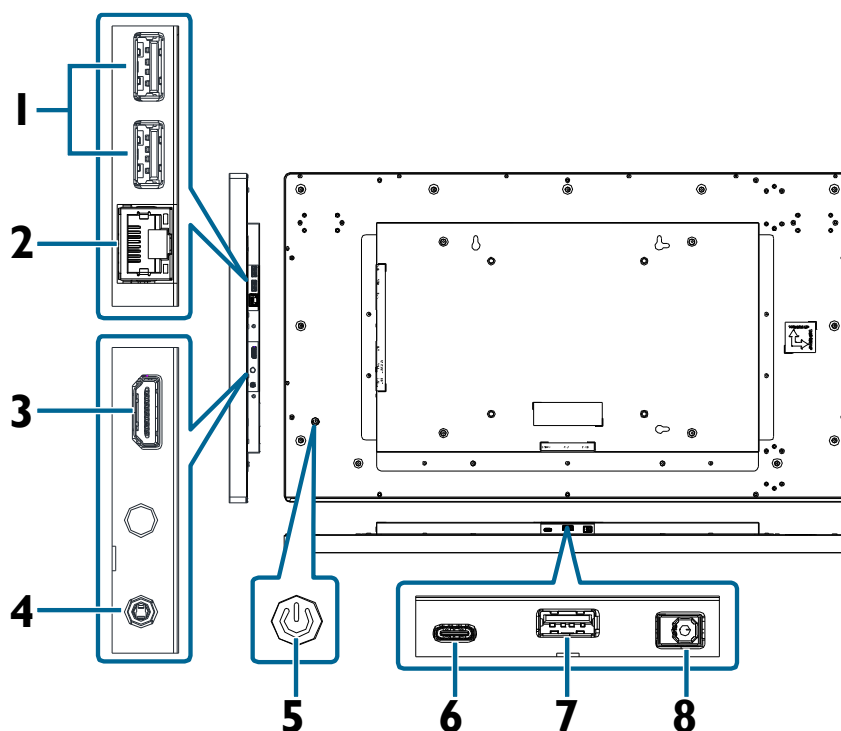

	Item	Description
1	USB-A 2.0 Port (USB)	• Connects with USB-A devices such as keyboards, pointing devices, or flash drives. • Connects with an IR receiver. • Connects with a USB wireless dongle. **NOTE:** Some wireless dongles may take up more space; as a result, you may not be able to use the two USB ports simultaneously. It is recommended to connect the wireless dongle to the USB port at the bottom side of the display.
2	LAN Port (RJ45)	Connects with a network router/hub using a standard Ethernet cable. **NOTE:** The LAN port supports 10/100 data transfer rates.
3	HDMI 2.0 Input Port (HDMI)	Connects with devices transmitting audio/video using HDMI interface.
4	Audio Output Port (Line Out)	Connects with headphones or external speakers to output audio.

	Item	Description
5	Power Button	• Press the power button for one second to turn on the display. • Short press the power button to turn off the backlight. • Press and hold the power button for 3 seconds to turn off the display.
6	USB-C 2.0 Port (Type-C)	Connects with USB-C devices such as keyboards, pointing devices, or flash drives. **NOTE:** The USB-C port supports the power delivery function
7	USB-A 2.0 Port (USB)	• Connects with USB-A devices such as keyboards, pointing devices, or flash drives. • Connects with a USB wireless dongle.
8	Power Port (DC IN)	Connects with the supplied power adapter.

Connecting the Power Cables

1. Connect the power adapter to the power port on the bottom side of the display.

2. Connect the power cord to the power adapter.

3. Fully insert the power cord plug into the power outlet socket. The display will power on automatically.

> **NOTE:** The display will power on automatically anytime the power cord is plugged into the power outlet socket. It is not recommended to remove the power cord plug from the power outlet socket in order to shut the display down after finishing the installation. Use the power button on the back of the display. See "Powering On/Off the Display" on page 14 for detailed information.
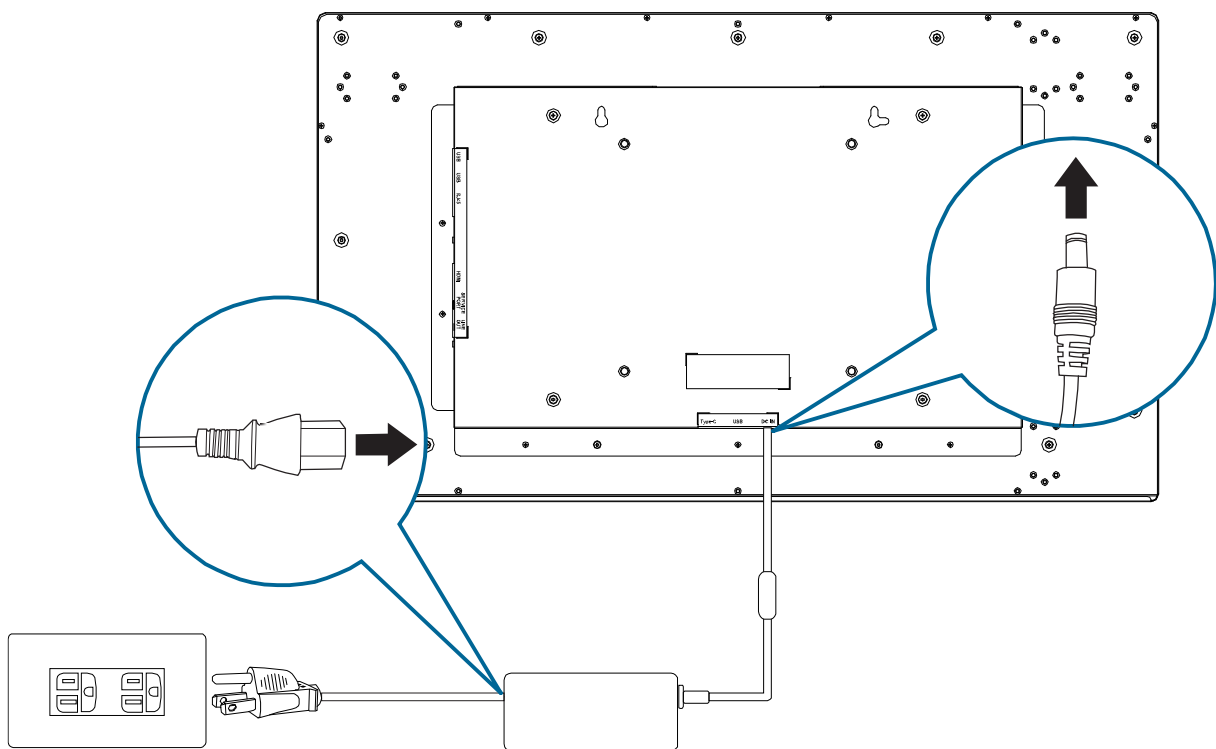
> **CAUTION:** Loose connections may cause noise. Do not plug and unplug the power cord repeatedly in a short period of time.

> **NOTE:** The supplied power adapter varies depending on the country where you purchased this display. For all cases, use a power adapter that matches the AC voltage of the power outlet and has been approved by and complies with the safety standard of your country.

> **CAUTION:** When disconnecting the power adapter, be sure to first disconnect the plug from the outlet socket.

Powering On/Off the Display

To power on the display, press the power button on the rear side of the display for one second to turn on the display.

When the display is turned on, press and hold the power button for three seconds to power off the display.
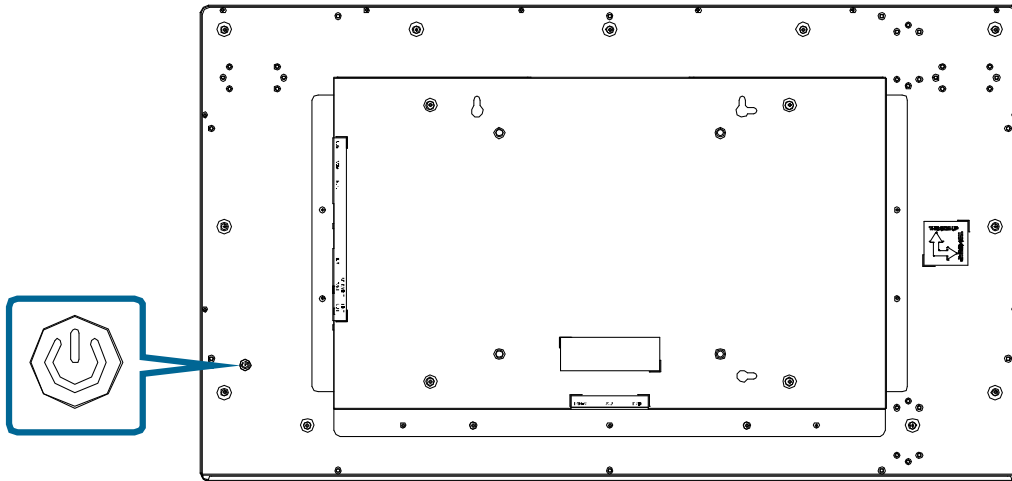
NOTE:

- When the display is turned on, short pressing the power button for one second only turns off the backlight and does not power off the display.
- When the backlight of display is turned off, short pressing the power button for one second turns the backlight back on.
- The display supports power-on boot.

APPENDIX A: SPECIFICATIONS

Item	Model	SN32UAA01.0
Display		
LCD Size		32" (16:9 aspect ratio)
Light Source		LED
Active Area		708.48 (H) x 398.52 (V) (mm)
Resolution		3840 × 2160 (pixels)
Frame Rate		60 Hz
Display Color		10 bit (8-bit + Hi-FRC)
Brightness (Typ.)		270 nits (factory default: 130 nits; PWM = 37%)
Contrast Ratio (Typ.)		800:1 (native)
Viewing Angle U/D/L/R		89/89/89/89 degrees
Surface Treatment		Advanced Reflection-less Technology
Power		
Power Input Voltage		19-24V, 1.5A, 90W (white)
Power Consumption (Typ. / Max.)		26W / 36W
System		
CPU		NOVA 72668 (supporting 4K)
Operating System		Android 9.0 (32 bit)
Memory		3GB DDR (1.54GB reserved for system functions)
Storage		32GB eMMC (5.6GB reserved for data storage)
Connectivity		
I/O Ports	Right Panel	USB-A 2.0 port x2 Ethernet LAN port x1 (10/100MB) HDMI 2.0 input port x1 Service port x1 Audio output port x1
	Bottom Panel	Power port x1 USB-A 2.0 port x1 USB-C 2.0 port x1 (supporting power delivery function, 5V / 2A)
Mechanical		
Dimension		740.5 (L) x 430.5 (W) x 39.4 (D) (mm)
Weight (Typ.)		8.5
Enclosure Color		Black
Environment		
Operating Temperature		0°C - 40°C
Storage Temperature		-10°C - 60°C
Operating Humidity		20% - 80% RH (non-condensing)
Storage Humidity		20% - 80% RH (non-condensing)

Model Item	SN32UAA01.0
Accessory	
Adapter	100V - 240V / 1.5A @50-60Hz
Cable Hook	x5
Certification	
NCC, BSMI	

APPENDIX B: SUPPORTED FORMAT

Image

Format	File Extension	Supported Maximum Resolution	Color Space	Alpha	Decoding Speed
JPEG (Baseline Sequential only)	*.jpg *.jpeg	14K x 12K 17.4K x 9.8K	YUV 420 YUV 422 YUV 444	No	100MB/s
TIFF	*.tif	4K x 4K	RGB	Yes	100MB/s
GIF (87a)	*.gif	16K x 12K 17.4K x 9.8K	RGB	Yes	100MB/s
GIF (89a)	*.gif	2K x 2K	RGB	Yes	100MB/s
PNG	*.png	16K x 16K 17.4K x 9.8K	RGB	Yes	100MB/s
BMP	*.bmp	4K x 4K	RGB	Yes	30MB/s
HEIF Still Picture with HEVC codec	*.heic	5.12K x 3.84	YUV 420 YUV 422 RGB	Yes	-

Video & Audio

File Extension	Container	Video Codec	Resolution	Frame Rate (fps)	Audio Codec
*.3gp *.m4v *.mkv *.mov *.mp4 *.ogg *.opus	*.3gp *.m4v *.mkv *.mov *.mp4 *.ogg *.opus	H.264 (HP/BP/MP)	1920 x 1080	60	MP3 AAC
		H.263 Profile 0			
		MPEG-4			
		MPEG-2			
		MPEG-1			
		Motion-JPEG			
		H.264 (HP/BP/MP)	3840 x 2160	30	
		HEVC	3840 x 2160	60	
*.mp4	*.mp4	MPEG-4	3840 x 2160	60	AAC
*.webm	WebM	VP8	1920 x 1080	60	Vorbis
		VP9	3840 x 2160		

APPENDIX C: TROUBLESHOOTING

Problem	Solution
There is no response from the display (no screen).	1. Check if the power adapter is properly connected to the display. 2. Check if the power cord is properly connected to the power adapter. 3. Check if the power cord plug is firmly connected to the AC power outlet socket. 4. Check if the signal source device is powered on and properly connected to the display. 5. In case of voltage instability, wait for the voltage to stabilize and then turn on/off the display again.
The display is powered on and operating but shows no picture.	1. Check if the display's backlight is turned off. Short press the power button to turn on the backlight. See "Powering On/Off the Display" on page 14. 2. Check if the signal source device is powered on and properly connected to the display. 3. In case of voltage instability, wait for the voltage to stabilize and then turn on/off the display again.
The display shows abnormal (unstable, unfocused, distorted, etc.) images.	1. Check if the signal source device is properly connected to the display. 2. In case of voltage instability, wait for the voltage to stabilize and then turn on/off the display again.
The display cannot connect to a Wi-Fi network.	1. Ensure that you have a USB wireless dongle. 2. Check if the USB wireless dongle is correctly inserted into the USB-A port on the display. 3. Check if the Wi-Fi network password is entered correctly. 4. Refer to your wireless dongle's user manual or visit the manufacturer's website for detailed information about connecting to a wireless network if the display still cannot connect to a wireless network.
The display cannot connect to a wired network.	1. Check if the LAN cable is correctly inserted into the LAN port on the display. 2. Check if your IT department blocks unknown devices on network.