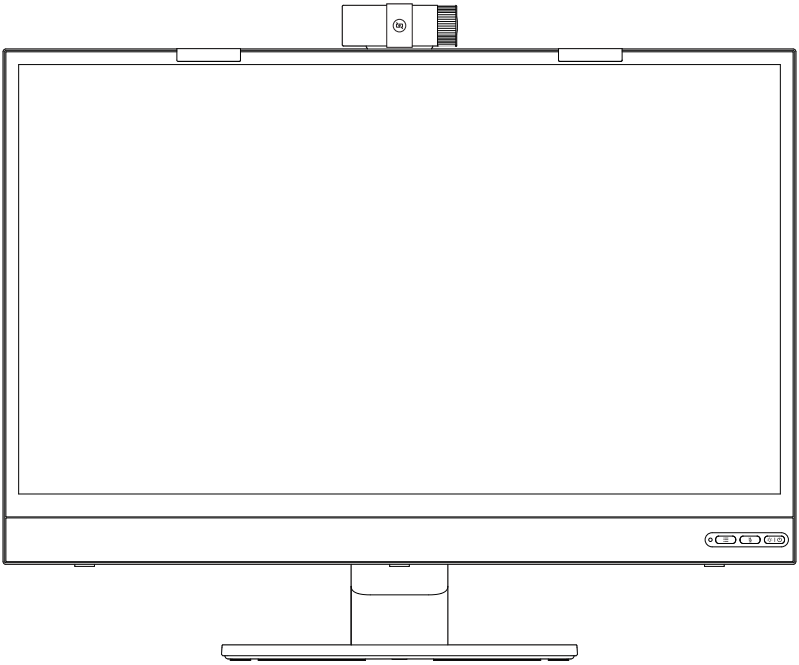
27" All-in-One WorkStation User Manual



FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following
two conditions:
(1)This device may not cause harmful interference, and
(2)this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,
may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular 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.

Cations to this device not explicitly approved by manufacturer could Caution:

.Any changes or modivoid your authority to operate this equipment.RF Exposure Information

The device was evaluated to meet general RF exposure requirements. This equipment should be installed and used with a minimum distance of 20 mm between the radiator and your body.

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Safety Precautions

Please read this manual carefully before using the product and keep it in a safe place.

⚠ WARNING: Use of control, adjustments or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards and/or mechanical hazards.

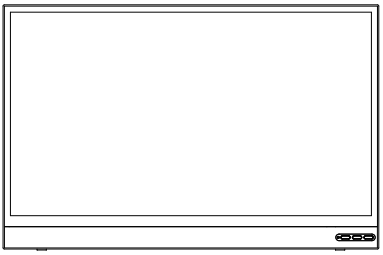
⚠ Warning: Excessive use may damage the eyesight.

- Keep the monitor away from water sources or damp places, such as bath rooms, kitchens, basements and swimming pools.
- Make sure the monitor is placed on a flat surface. If the monitor falls down, it may cause human injury or device damage.
- Store and use the monitor in a cool, dry and well ventilated place, and keep it away from emission and heat sources.
- Do not cover or block the vent hole in the rear casing, and do not use the product on a bed, sofa, blanket or similar objects.
- The range of the supply voltage of the monitor is printed on the label on the rear casing. If it is impossible to determine the supply voltage, please consult the distributor or local power company.
- If the monitor will not be used for a long period, please cut off the power supply to avoid electric shock in rainy days and damage due to abnormal supply voltage.
- Please use a reliable grounded socket. Do not overload the socket, or it may cause fire or electric shock.
- Do not put foreign matters into the monitor, or it may cause short circuits resulting fire or electric shock.
- Do not disassemble or repair this product by self to avoid electric shock. If faults occur, please contact the after-sales service directly.
- Do not pull or twist the power cable forcedly.
- Please use a reliable grounded socket. Do not overload the socket, or it may cause fire or electric shock.
- Please take a 10-minute break after 30 minutes of use. Children under 2 years old should not look at the screen, and over 2 years old should not look at the screen for more than 1 hour a day.

Product Introduction

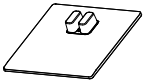
Packing list

- Please check that the package of the monitor contains all parts. If any part is lost, please contact the distributor.
- The color and shape of parts may vary with models. Figures in this User Manual are for reference only.



Monitor

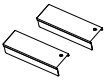
Folding stand



Base

Stand screws x4

Stylus pen



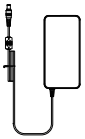
X-ray clip x2

Screwdriver

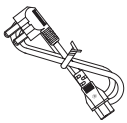
Camera

Camera screws x2

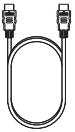
Camera rubber x2



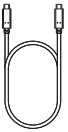
Power adapter



Power cable



HDMI signal cable



Type-C signal cable

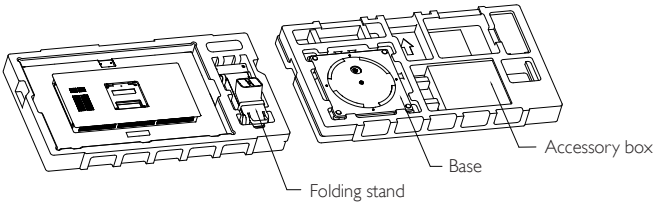
USB A-B cable

QSG

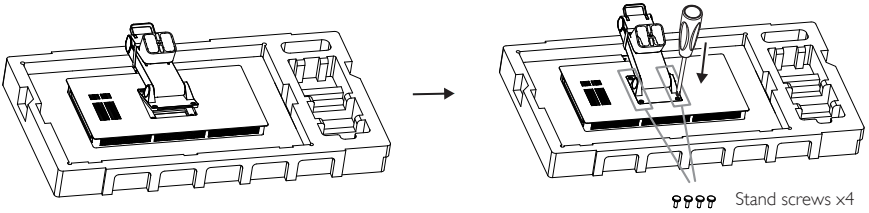
Installation

Installation procedure

1. Open the package to take out foams and put them on a flat tabletop. Remove the upper foam cover and set it aside.

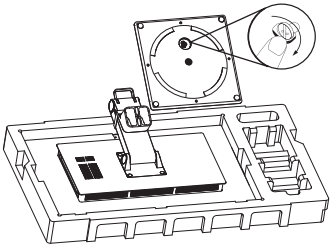


2. Insert the folding stand into the rear housing of the monitor, and tighten the screws with a screwdriver.

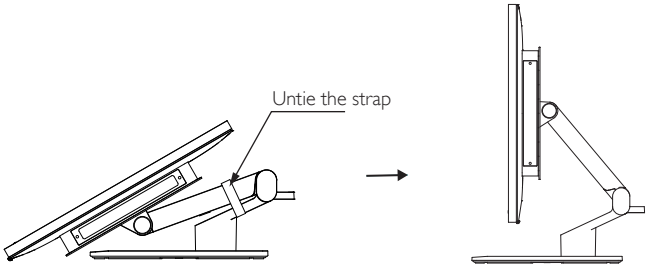


⚠ Note: Please do not untie the straps in advance to avoid injury.

3. Insert the boss on the top of the base into the bottom of the stand in the direction shown in the figure, and tighten the thumb screw to lock up the folding stand and its base.



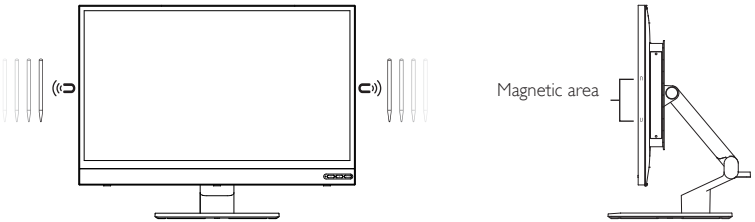
4. Take out the monitor from the foam and place it on the desktop. Then, untie the strap and adjust to a proper position.



⚠ Note: When adjusting the position of the monitor, hold both sides of the monitor with both hands. Do not directly press the LCD screen with your hands to prevent screen breakage.

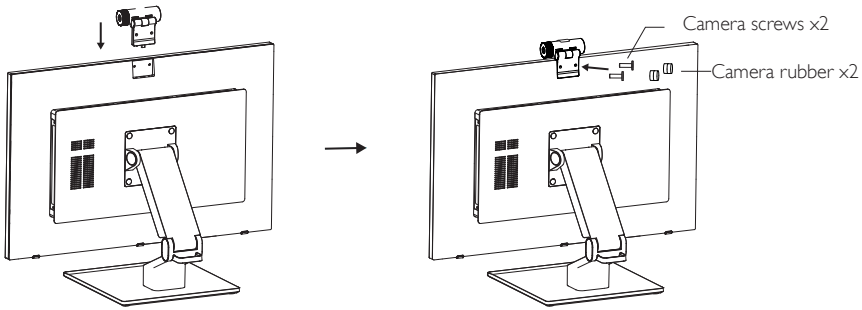
Stylus pen placement

Take out the stylus pen in the accessory box, and directly magnet it to both sides of the monitor.



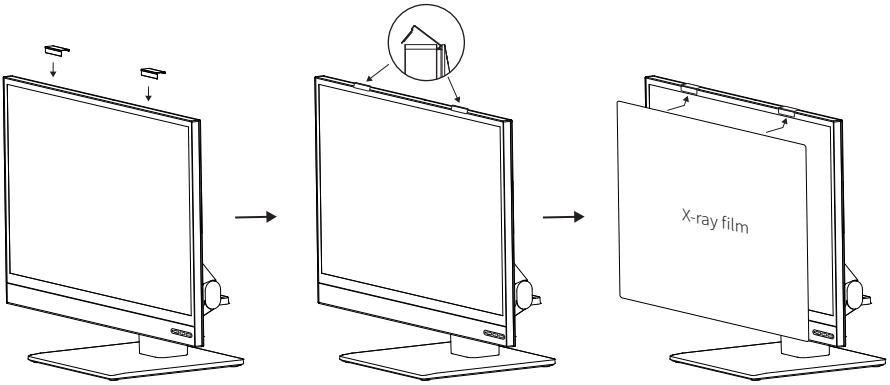
Camera installation

Put the camera into the slot, tighten the screws with a screwdriver, and place the camera rubber into the hole.



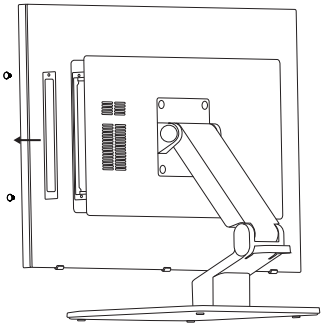
X-ray clip installation

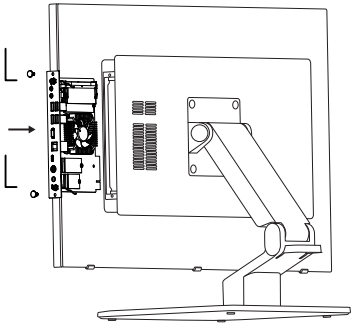
As shown in the first stap is to place the clip backside postion to hook the metal frame, and then gently press down the X-ray clip to connect with metal frame completely. When use X-ray flim insert into clip that can be clamped automatically.



SDM board installation (optional)

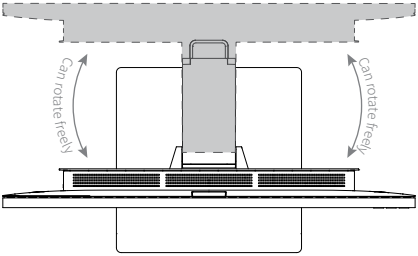
1. Take off the screws and SDM baffle, please keep it well.
2. Align both sides of SDM board with the guide groove and push into the bottom. Then lock the SDM board by two screws.
3. Assemble two pieces of SDM wifi antenna.



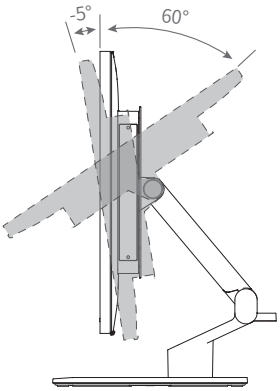


⚠ Note: SDM is additionally configured as required. (shipped separately)
Before installing the SDM board, please ensure that the monitor is powered off.

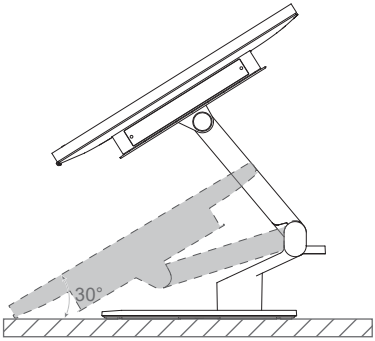
Adjustment



Rotation angle
±180°



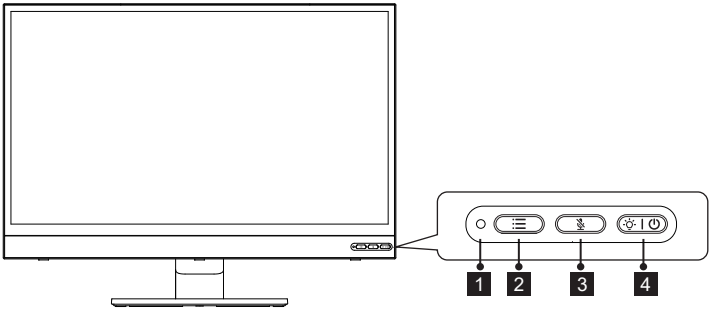
Tilting angle
-5.0°(±2.0°) ~ +60°(±2.0°)



Angle between screen and desk
30°

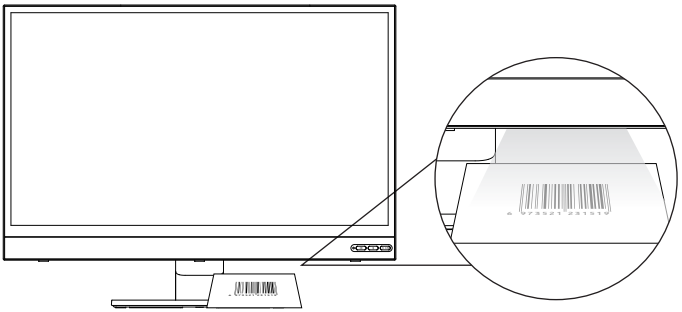
Instructions

Description of buttons



No.	Description
1	Light sensing area: for environment light sensor, function default setting is closed
2	Menu key: enter to the quickly menu OSD
3	Microphone mute key: turn ON/OFF the microphone; Function ON by default, then function OFF turn to the red light
4	Light box/power key: Light box function (click for one second): turn ON/OFF the light box. Blue light when the function ON Power function (press for three seconds): power ON/OFF; Power ON is white light, and power OFF is Static red light, and sleep mode is red-breathing light

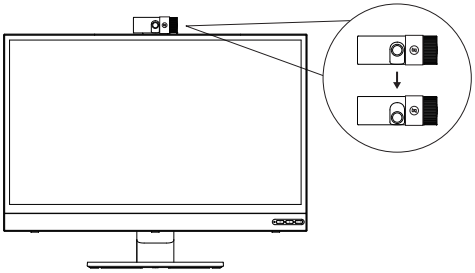
Barcode reader description

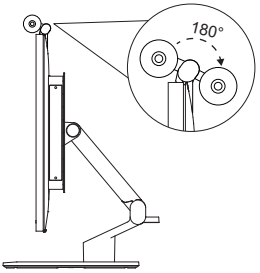


The barcode recognition function is built-in at the right-bottom side. When barcode is placed in the corresponding position shown in the figure, the auxiliary light will automatically turn on to identify the barcode.
In the Menukey (quickly menu OSD), you can select the bundled channel (Android/Windows/Type-C/HDMI).

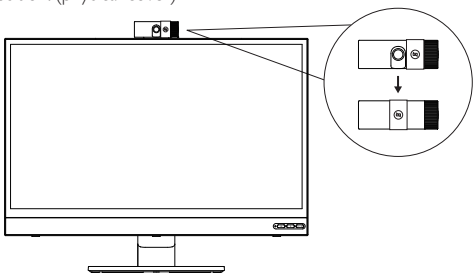
Camera description

1. Before using the camera, you can placed the blank cover to the right space; Hold the screw knob on the right side to fine tune the camera lens angle; Hold the camera shell to rotate the entire camera.

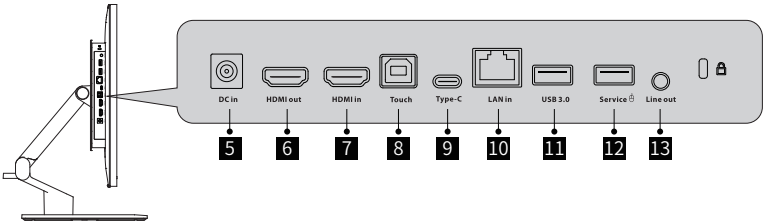




2. Press the side switch button to turn off the camera. (electrical switch)
3. To avoid the falling dust, and achieve the best privacy prevention, please reset the bank cover to proper position. (physical cover)



Terminal port function

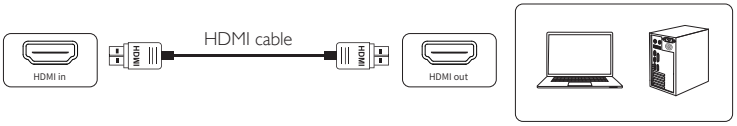


No.	Sign	Description
5	DC in	Adapter power input interface
6	HDMI out	Standard HDMI2.0 high-definition multimedia signal output interface
7	HDMI in	Standard HDMI2.0 high-definition multimedia signal input interface; Touch (USB-B) interface is required for touch function
8	Touch	Touch function extended connection port (USB-B 2.0)
9	Type-c	Standard USB Type-C interface (support signal transmission+charge for 65W max
10	LAN in	RJ-45 network signal interface
11	USB 3.0	USB-A 3.0 device interface (only for Android system)
12	Service( )	USB-A 2.0 device interface/mouse keyboard device connection interface (it will automatically switch and accompany with the current screen signal)
13	Line out	Audio signal output interface

Cabling

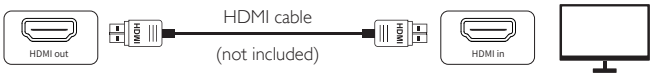
1. HDMI in

Use the HDMI cable to connect the display HDMI in port to the HDMI out port of desktop computers /Notebook.



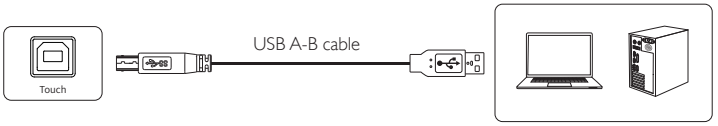
2. HDMI out

Use the HDMI cable to connect the product's HDMI out port to the monitor's HDMI in port.



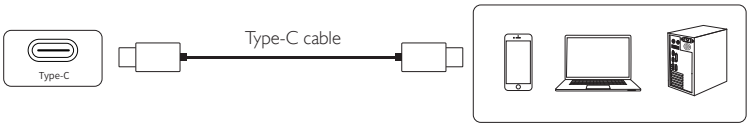
3. Touch（USB-B）

Before enabling the Touch/camera/MIC, you need to use the USB A-B cable to connect with desktop computers / notebooks, etc.



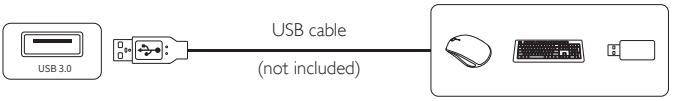
4. Type-C

Type-C cable can be used to connect to external terminal devices, such as mobile phone/desktop computers / notebooks, etc.



5. Service（USB 2.0）

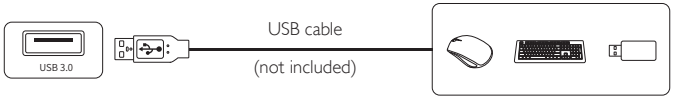
USB A interface is a data transmission interface connecting with various application devices, such as USB flash disk/mouse/keyboard, etc.



* This interface will automatically switch and accompany with the screen signal.

6. USB 3.0

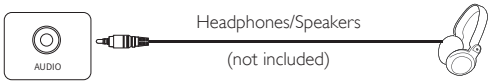
USB A interface is a data transmission interface, connecting with various application devices, such as USB flash disk/mouse/keyboard, and can also be used for system upgrading.



*This interface is only functionable for Android system.

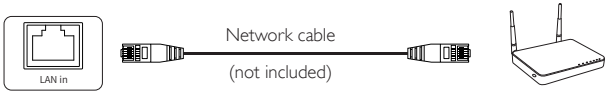
7. Line out

Plug in headphones to receive audio signals from the monitor, such as headphones or external power speakers.



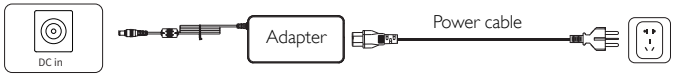
8. LAN in

Use the network cable to connect with the router and other network signal output devices.



9. DC in

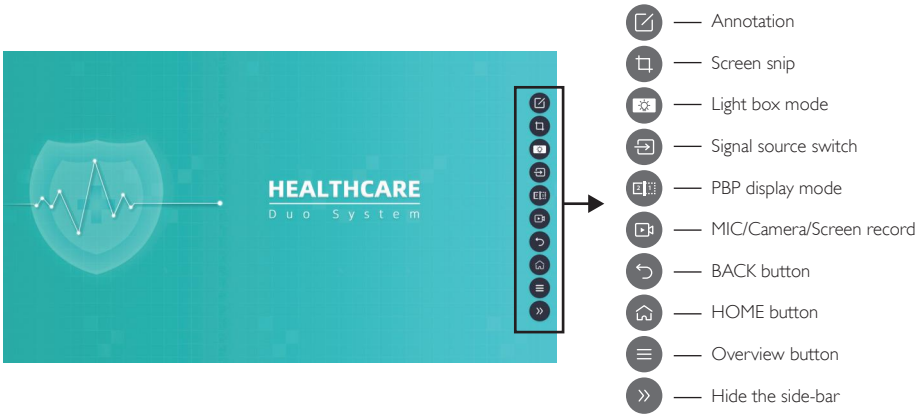
Please connect the power adapter plug to the corresponding power port of the monitor, and then connect the power cable to a properly grounded power outlet.



* Prevent the electrical nosie to affect the touch performance, please ensure the power socket is indeed grounded.

All Menu Functions

Side-bar functions



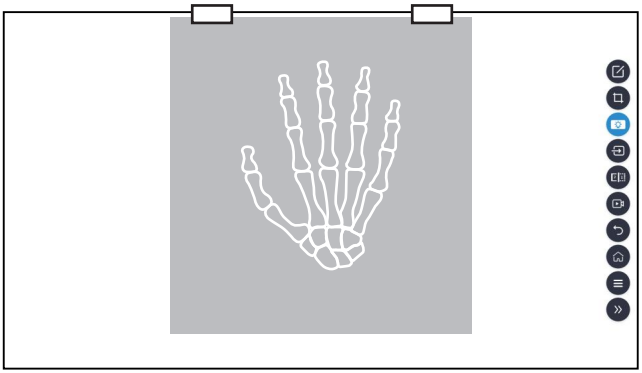
Annotation

1. Wallpaper setting: Transparent or white color background
2. Pen style setting: change pen tip size and color (default: red)
3. Shape objects style setting: rectangle/circle/arrow
4. Eraser: erase the annotation/draw and shapes
5. Mosaic setting: three kinds of style
6. All-clean button: remove all the annotation/draw and shapes
7. Screen snip button: for screenshot and area snip
8. Back button: return to the previous step
9. Close button: close the annotation function, and the content will be keep

Screen snip

1. Full-screen snip
2. Rectangular snip

Light box mode



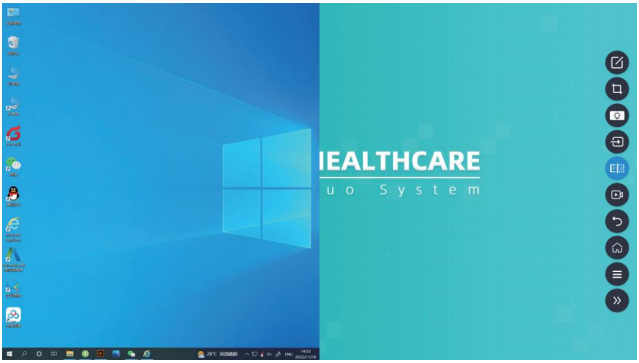
the button "ON": screen image become to purely white and boost the brightness to max

the button "OFF": back to the original condition

Signal source switch

1. Android (full screen)
2. Window (full screen)
3. Type-C (full screen)
4. HDMI (full screen)

PBP display mode



PBP display mode "ON"

Right screen: it fixed the display source for Android

Left screen: the display source can switch manually by "Signal source switch" button

MIC/Camera/Screen record

1. MIC record: for MIC voice only
2. MIC + Camera record: for the MIC voice and Camera video
3. MIC + Screen record: for the MIC voice and screen operation image
4. MIC + Camera + Screen record: for the MIC voice and Camera video and Screen operation image at the same time

Note: 1. The function "ON" the button will become the red color for notice.
2. When 1st initial the system will notice for activate.
3. When function work, the video image will shown on the Top-right side.

BACK button

Return to the previous step

HOME button

Go back to the Android main screen

Overview button

The recent apps list

Hide the side-bar

Hide the side-bar as minium size and remove it to suitable place (drag slide up and down)

Quickly menu function

Press the physical button (☰) enter to the quickly menu.

1. WIFI function ON/OFF
2. MIC function ON/OFF
3. Barcode reader data output selection (android/Windows/Type-C/HDMI)
4. Standard mode button
5. DICOM mode button
6. Eye protection mode button
7. File manager for android
8. Settings for android
9. Sleep mode button
10. Shutdown mode button

Parameters

Product model		C27C4
Product name		All-in-One WorkStation
Screen size		27inch
Aspect ratio		16:9
Viewing angle		178°(H) / 178°(V)
Pixel pitch		0.1554(H)×0.1554(V)mm
Contrast ratio		1000:1(TYP)
Color		1.07B
Resolution		8M display (3840x2160)
Refresh rate		60Hz
Camera		8M/4K, Type-c plug-in type
MIC		8 MIC array
Speaker		2*5W
Stylus pen		support MPP1.5 (Microsoft Pen Protocol)
Touch		support 10 point Touch function, and come with surface treatment for AG (anti-glare) + AM (antibacterial)
Barcode Reader mode		support barcode reader for 1D and 2D QR code
Operating system		Android 11
CPU		8core RAM CPU, MT8195AV/ZA,2200MHz
GPU		Mali G57 MC5
DDR		6G
EMMC		32G
Power input		DC 19.5V ⎓ 9.23A The standard voltage and power supply may vary with countries, please refer to the label at the back of the product.
Power output		Maximum power supply 65W without SDM (20V ⎓ 3.25A, 15V ⎓ 3A, 12V ⎓ 3A, 9V ⎓ 3A, 5V ⎓ 3A) When SDM is installed and used, the power supply will automatically adjust to 15W (5V ⎓ 3A)
Product dimensions	Without stand	623.2x407.6x58.7mm / approx. 5.3kg
	With stand	623.2x481.2x320.6mm / approx. 8.5kg
Tilting angle		Forward tilting: -5°±2.0°; Backward tilting: 60°±2.0°
Angle between screen and desk		30°
Rotation angle		±180°
Environmental conditions	Action	Temperature: 0°C~ 40°C (32°F ~ 104°F) Humidity: 10%~90% RH (non-condensing)
	Storage	Temperature: -20°~ 60° (-4°F ~ 140°F) Humidity: 5%~95% RH (non-condensing)

Troubleshooting

Problem	Possible Solutions
No power indicator	• Please check the power cable • Please ensure the power supply
Signal noise or blur image	• Please change to anther place to check the environment has the electrical noise problem or not
No display image (screen black)	• Please check power on (power button should be white light) • Please ensure the signal cable connected normally • Please check the "connector pin" for both display and cable
Display shown "no signal"	• Please ensure the signal cable connected normally • Please check the "connector pin" for both display and cable
Camera problems	• Please ensure the signal cable connected normally • Please check the "connector pin" for both display and cable • You may check the computer/Windows "Device Manager" to know "Camera" to be identified or not
Mic problems	• Please ensure the signal cable connected normally • Please check the "connector pin" for both display and cable • You may check the computer/Windows "Device Manager" to know "Capture input terminal" to be identified or not
Touch problems	• Please ensure the signal cable connected normally • Please check the "connector pin" for both display and cable • You may check the computer/Windows "Device Manager" to know "Generic USB HUB" to be identified or not • Please check stylus pen battery (please charge it by type-C) • Apple products only MAC support touch function, otherwise MAC display output resolution should be setting full of screen

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular 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 important announcement

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.