10.1inch HDMI Display

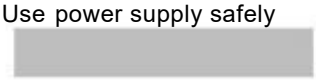
MPI1008

User Manual

V1.1

Precautions for safe useÿ

1. Use power supply safely



Do not use a damaged power cord, plug, or loose power socket.

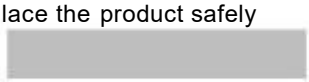
Do not touch the power plug with wet hands.

Do not allow any object to squeeze or wrap the power cord.

Unplug the power cord when it is left unattended for a long time.

Please fully insert the power plug to prevent it from loosening.

2. Place the product safely



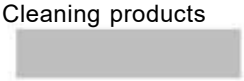
Do not place the product near heat sources.

Do not place the product face down.

Do not place the product on an unstable or vibrating surface (unsteady shelves, slopes, etc.)

Do not place the monitor in a humid place

3. Cleaning products



Please follow the steps below to clean the product

1) Turn off the power of the product

2) Disconnect the power cord of the product

3) Please wipe the display screen with a clean, soft, dry cloth

—Do not use cleaners containing alcohol, solvents, or surfactants to wipe the display.

—Do not spray water or detergent directly on the product

4) Use a soft, dry cloth soaked in water and wrung thoroughly to clean the outside of the product.

ÿPackaging Contentsÿ

10.1 inch high definition display module with touch screen **x 1**

HDMI cable **x 1** for connecting to computer

Micro-USB cable **-45CM x 1**

For power supply and touch

Micro-USB cable **- 100CM x 1** for power supply and touch

Copper pillars and screws (M2.5) x 4 for mounting the Raspberry Pi

Phillips screwdriver (small) x **1** for installing screws

Acrylic bracket **x 2** for supporting the display (the display can be placed directly on the bracket)

Micro-HDMI adapter **x 1** for connecting to Raspberry Pi 4B

Product Descriptionÿ

1. Product features

10.1-inch IPS full-viewing angle display, wide viewing angle, true colors, excellent picture quality

1280x800 resolution, fine display

Tempered glass touch panel, hardness up to 6H, durable and scratch-resistant

Capacitive touch screen, supports up to 5 points of touch

HDMI high definition input interface, can be used as HDMI display

Supports mainstream development boards such as Raspberry Pi, Banana Pi, BB Black, etc.

Used as a Raspberry Pi display, supports Raspbian, Ubuntu, Kali, Win10 IOT and other systems, touch driver-free

Used as a computer monitor, supports Win7/8/10/11 system, touch-free driver

Used as a game console monitor, supports PS4, Xbox360, Switch, etc.

Support mainstream TV boxes, camera HDMI output display (display only)

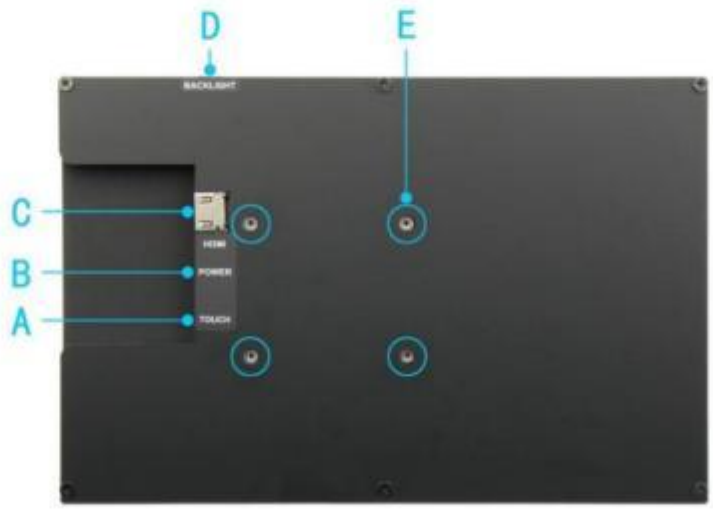
This product has passed CE and RoHS certification

2. Product size

3. Product parameters

SKU	MPI1008
Display type	IPS screen
Display size	10.1Inch
Resolution	1280 x 800
Backlight adjustment	Key switch adjustment
Touch screen type	Capacitive touch screen
power supply	Micro-USBÿ5Vÿ
Video input interface	HDMI (supports up to 1920x1080)
Display area	216.566*135.36 (mm)
Module size	239.4*157.4*12.3 ±0.2 (mm)
Packing size	295*195*70 (mm)
Product weight (including packaging)	892 (g)

4. Interface and button description



A: TOUCH touch interface (Micro-USB): Use Micro-USB cable and signal source device

Connection, this interface is used for touch and power supply.

B: POWER power interface (Micro-USB): Use Micro-USB cable to connect to the power supply.

This port is only used for power supply.

C: HDMI interface: Use HDMI cable to connect to the signal source device, the maximum supported resolution is 1920x1080ÿ

D: Side button: used to adjust the brightness. Press once to increase the brightness by 10%. When it reaches 100%, press again to increase the brightness by 10%.

Press once to return to 10%; press and hold for 3 seconds to turn off the backlight, and press again to restore the original brightness.

E: Copper pillar: used to fix the Raspberry Pi

Connect to computerÿ

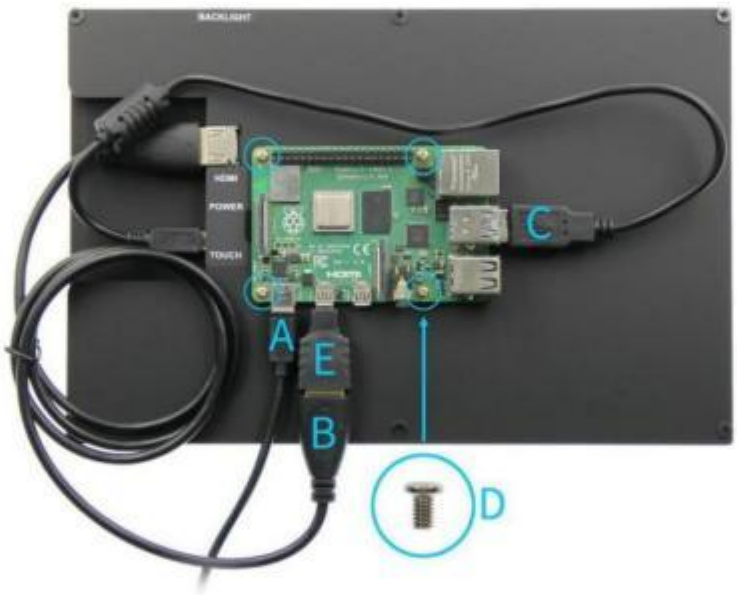
A: HDMI cable

B: Micro-USB to USB A cable (for touch and power)

Connect to Raspberry Piÿ

1. Connect to Raspberry Pi 4

As shown in the figure, first install 4 copper pillars, then place the Raspberry Pi, then tighten the screws, and then connect Adapter, HDMI cable and Micro-USB cable, and finally plug in the power cable to power the Raspberry Pi.



A: 5V/3A power cable (Type-C)

B: HDMI cable

C: Micro-USB cable

D: Screw (M2.5)

E: Micro-HDMI to HDMI-A adapter

注意：先连接好电源线，再给树莓派上电。使用树莓派 4B 时，保证供电电流能达到 3A。使用树莓派 3B+, 3B, 2B, B+, B+, A 时，保证供电电流能达到 2A。供电不足时，请用外部电源，接上 POWER 接口，否则可能会出现因供电不足而导致黑屏或者树莓派无法开机的情况。

Using Raspberry Pi OS/Ubuntu Mate/Kali/Retropie systemÿ

1. Download the latest official image

1) Download the latest official image of Raspberry Pi OS

Download URL: https://www.raspberrypi.com/software/operating-systems/

Username: pi Password: raspberry

2) Download the latest official image of Ubuntu Mate

Download URL: ubuntu-mate.org/download/https://

Username and password can be set by yourself after booting

3) Download the latest official image of Kail

Download URL:https://www.offensive-security.com/kali-linux-arm-images/

Username: kali Password: kali

4) Download the latest official image of Retropie

Download URL: https://retropie.org.uk/download/

Username: pi Password: raspberry

2. Burn the official image

1) Download and install the tool software (if it has already been installed, this step can be ignored)

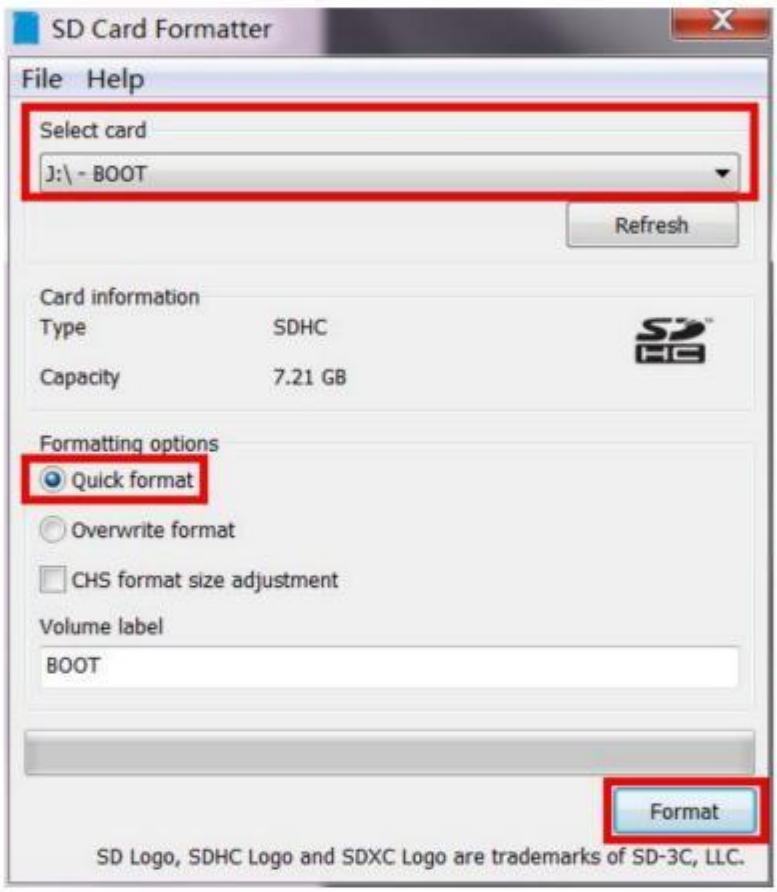
SD card formatting software SDFormatter download website:

Image burning software Win32DiskImager Download URL:

https://sourceforge.net/projects/win32diskimager/

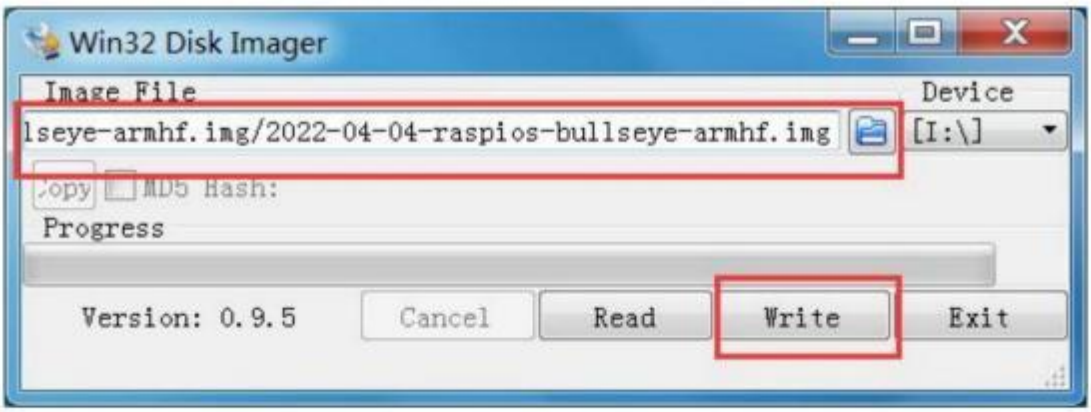
2) Format SD card

Insert the SD card into the card reader -> insert the card reader into the computer -> open the SDFormatter software -> select SD card -> Select Quick format (usually select quick format, other options can be selected according to your needs) -> Click the Format button -> select “Yes” -> click OK after formatting is complete.



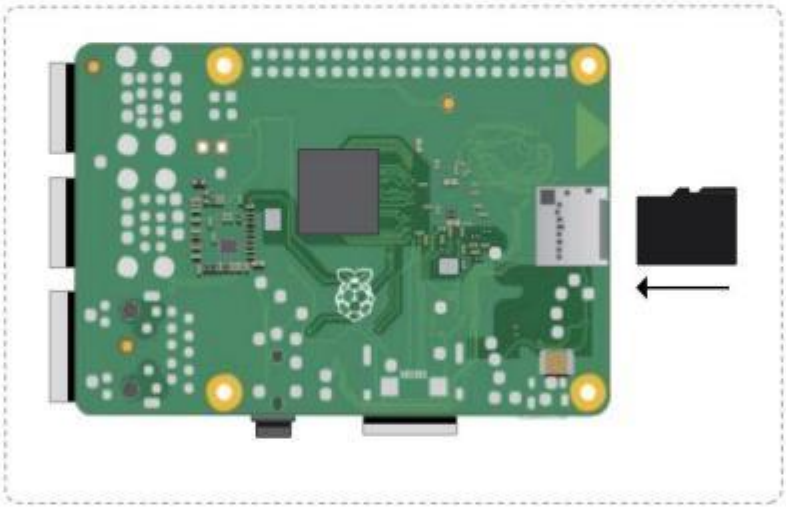
3) Burn the image

Open Win32DiskImager software -> Select the image file to be burned (xxx.img) -> Select SD card -> click "Write" button -> select "Yes" -> wait for the burning to complete (the whole process takes about 10 seconds) About minutes)



3. Insert **SD** card

After completing the above steps, eject the SD card on your computer and insert it into the SD card slot on the back of the Raspberry Pi.



4. Operating system

After connecting the Raspberry Pi and the display module, power on the Raspberry Pi and you can see that the display has output.

Normal touch.