

10" HDMI Touchscreen wide viewing angle display



Thank you for visiting our shop and purchasing our products. For the less proficient Raspberry Pi novice players, we provide a website with detailed instruction below, and hope it will make you feel helpful.

[http://www.lcdwiki.com/zh/10.1inch HDMI Display-H](http://www.lcdwiki.com/zh/10.1inch%20HDMI%20Display-H)

Product Features

□ **IPS full Angle display**

1. The viewing Angle is large
2. true color
3. Dynamic picture quality is excellent
4. Energy saving and environmental protection

□ **1024X600 hd vision**

1. Resolution for hd 1024X600 dot matrix
2. It is more delicate than 800X480 ordinary screen

□ **Tempered glass touch panel**

1. Hardness up to 6H, more durable and more scratch resistant

□ **Used as a games monitor**

1. Support Xbox360,PS4,Switch etc

□ **Used as a mini PC monitor**

1. Support raspberry pie, Banana Pi, BB Black and other mainstream development board
2. Support Raspbian, Kali Linux, ubuntu and other mainstream systems, single touch plug and play without driver.

□ **Used as a computer display**

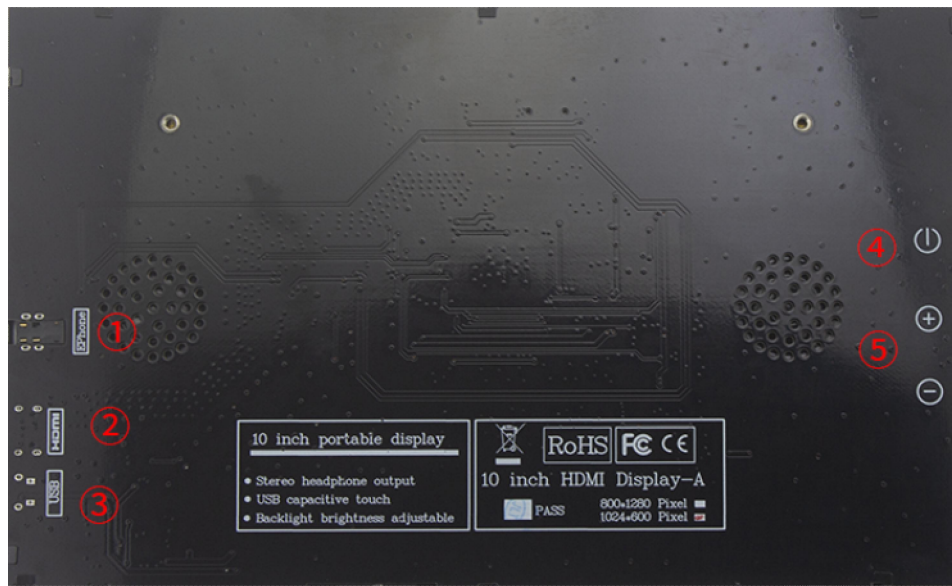
1. Support win10/win8/win7 system, support five-point touch plug and play driver

Product Description

Product Parameters

Screen Type	IPS screen
Screen Size	10 inch
Resolution	1024 x 600
Brightness adjustment	"+" and "-" button switch adjustment
On and off screen adjustment	"⌚"button switch adjustment
Touch Screen Type	Capacitive Touch Screen
Touch IC	GT9271
Power	Micro USB（5V）
Video Input Interface	HDMI
Module Size (L x W x H)	236.00×145.57×(20.00±0.2) (mm)

Key and Interface Function Description



① 3.5mm Audio Interface	Output audio signal, connect audio output device, such as headphones
② Micro HDMI Interface	Input HDMI signal, connect with HDMI adapter, only used to connect to the Raspberry Pi , The maximum supported resolution is 1024x600
③ Micro USB interface	Transmit touch signal and access power, use Micro USB cable to connect, provide touch and power supply function, often used to connect computer and power supply function
④ Screen on and off buttons	The on and off buttons for the screen are "⏻"

⑤Brightness adjustment button	Used to adjust the screen brightness, increase the brightness is the button "+", decrease the brightness is the button "-"
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Working with Raspberry Pi

Step 1. Download the Official image

1) Download **Raspbian** Official Image

Download URL: <https://www.raspberrypi.org/downloads/raspbian/>

Username: **pi** Password: **raspberry**

2) Download **Ubuntu Mate** Official Image

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

The user name and password can be set by yourself after startup

3) Download **Kali** Official Image

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

Username: **kali** (The old version is **root**) Password: **kali** (The old version is **toor**)

4) Download **RetroPie** Official Image

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

Username: **pi** Password: **raspberry**

Step 2. Brun Official Image

1) Download and install tool software (If they are already installed, this step can be ignored)

SD card format software **SDCard Formatter** download URL :

https://www.sdcard.org/downloads/formatter_4/

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 SDCard Formatter software -> Select SD card ->

Select quick format (generally select quick format, other options can be selected according to your own needs) -> Click the Format button ->

Select "Yes" -> Click OK after formatting.

3) Brun Image

Open the win32diskimager software -> Select the image file to be burned (xxx.img) ->

Select SD card -> Click the "write" button ->

Select "Yes" -> Wait for the burning to complete (the whole process lasts about 10 minutes)

Step 3. Modify the "config.txt" configuration file

Open the "config.txt" file in the root directory of SD card on the computer, Add the following at the end of the file, save and exit.

hdmi_force_edid_audio=1

max_usb_current=1

hdmi_force_hotplug=1

config_hdmi_boost=7

```
hdmi_group=2  
hdmi_mode=87  
hdmi_drive=2  
display_rotate=0  
hdmi_timings=1024 1 50 18 50 600 1 15 3 15 0 0 0 60 0 400000000 3
```

Step 4. Insert SD card

After the above steps are completed, pop up the SD card on the computer and insert it into the SD card slot on the back of the raspberry pie.

Step 5. Running system

Connect the HDMI interface and touch interface of the display screen to raspberry pie, connect the power supply of raspberry pie, and start the machine to display and touch normally.

Work as HDMI touch monitor

This product can be used as the HDMI touch monitor of Windows computer, only need to connect HDMI interface and USB interface, can normally display and support up to five points touch.

If you have difficulty installing the driver, or if you still can't use the display properly after installing the driver, please visit this website below to download Configned images for tested. Just need download and write the image into the TF card. DO NOT need any driver installation steps.

And there are some manuals for novice RPI player on it. Please browse or download according to your needs

[http://www.lcdwiki.com/zh/10.1inch HDMI Display-H](http://www.lcdwiki.com/zh/10.1inch_HDMI_Display-H)

Resource

• Document

1. 10.1inch-HDMI-Display-(H)-Quick-Start.pdf
2. 10.1inch-HDMI-Display-(H)-User-Manual.pdf
3. How_to_install_the_LCD_driver_V1.2
4. How_to_install_matchbox-keyboard
5. How_to_use_Raspberry_Pi(Download,Format,Burn,SSH,PuTTY)-V1.0.pdf

• Driver download

1. Local download: LCD-show.tar.gz

• Images Download

If you have difficulty installing the driver, or if you still can't use the display properly after installing the driver,

Please Try our Configned images for tested.

Just need download and write the image into the TF card. DO NOT need any driver installation steps.

Image Name	Version	Support
Raspbian	2022-04-04	PI4/PI3B+/PI3/ PI2/ZERO/ZERO W
Ubuntu MATE	22.04	PI4,PI3B+,PI3,PI2
Kali Linux RaspberryPi 2, 3 and 4	2022.1	PI4B,PI3B+,PI3,PI2

Image Name	Version	Download
Raspbian	2022-04-04	BaiduYun: MPI1001-10.1inch-H-2022-04-04-raspbian-bullseye-armhf.7z 提取码: q15p Mega: MPI1001-10.1inch-H-2021-03-04-raspbian-buster-armhf.7z
Ubuntu MATE	22.04	BaiduYun: MPI1001-10.1inch-ubuntu-mate-22.04-desktop-armhf+raspi.7z 提取码: alj7 Mega: MPI1001-10.1inch-ubuntu-mate-20.10-desktop-armhf+raspi.7z
Kali Linux RaspberryPi 2, 3 and 4	2022.1	BaiduYun: 10.1-MPI1001-kali-linux-2022.1 提取码: u8sp Mega: 10.1-MPI1001-kali-linux-2021.2