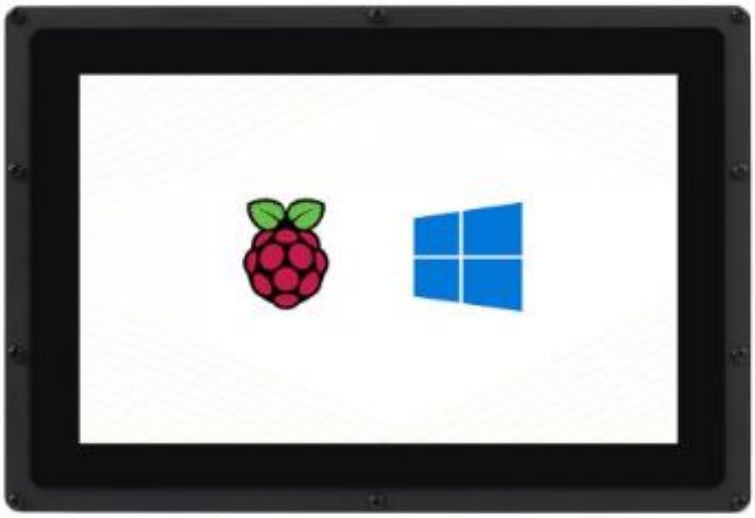
10.1inch Capacitive Touch Screen LCD (B) with Case



10.1inch Capacitive Touch Screen LCD (B), with Case and Toughened Glass Cover, 1280×800, HDMI, IPS Screen, Supports Raspberry Pi and PC, Low Power Consumption

- 10.1-inch IPS screen, hardware resolution is 1280 × 800.
- 10-point capacitive touch control, tempered glass panel, hardness up to 6H.
- When used with Raspberry Pi, supports Raspberry Pi OS / Ubuntu / Kali and Retropie.
- When used as a computer monitor, supports Windows 11/10/8.1/8/7.

Working with PC

This Support PC version Windows 11/10/8.1/8/7 system.

Instructions:

1. Connect the Power Only port of the touch screen to a 5V power adapter.
2. Use a type A to micro-USB cable to connect the Touch interface of the touch screen and any USB interface of the PC.

3. Connect the touch screen and the HDMI port of the PC with an HDMI cable. After about a few seconds, you can see the LCD display normally.

- Note 1: Please pay attention to connecting cables in order, otherwise it may not display properly.
- Note 2: When the computer is connected to multiple monitors at the same time, the cursor on the main monitor can only be controlled through this LCD, so it is recommended to set this LCD as the main monitor.

Working with Raspberry Pi

Software setting

- Supports Raspberry Pi OS / Ubuntu / Kali and Retropie systems on Raspberry Pi.
- Please download the latest version of the image from the Raspberry Pi official website.
- **1.** Download the compressed file to the PC, and extract the img file.

  2. Connect the TF card to the PC and use SDFormatter to format the TF card.

  3. Open the Win32DiskImager software, select the system image prepared in step 1, and click write to burn the system image.

  4. After the programming is completed, open the config.txt file in the root directory of the TF card, add the following code at the end of config.txt and save it

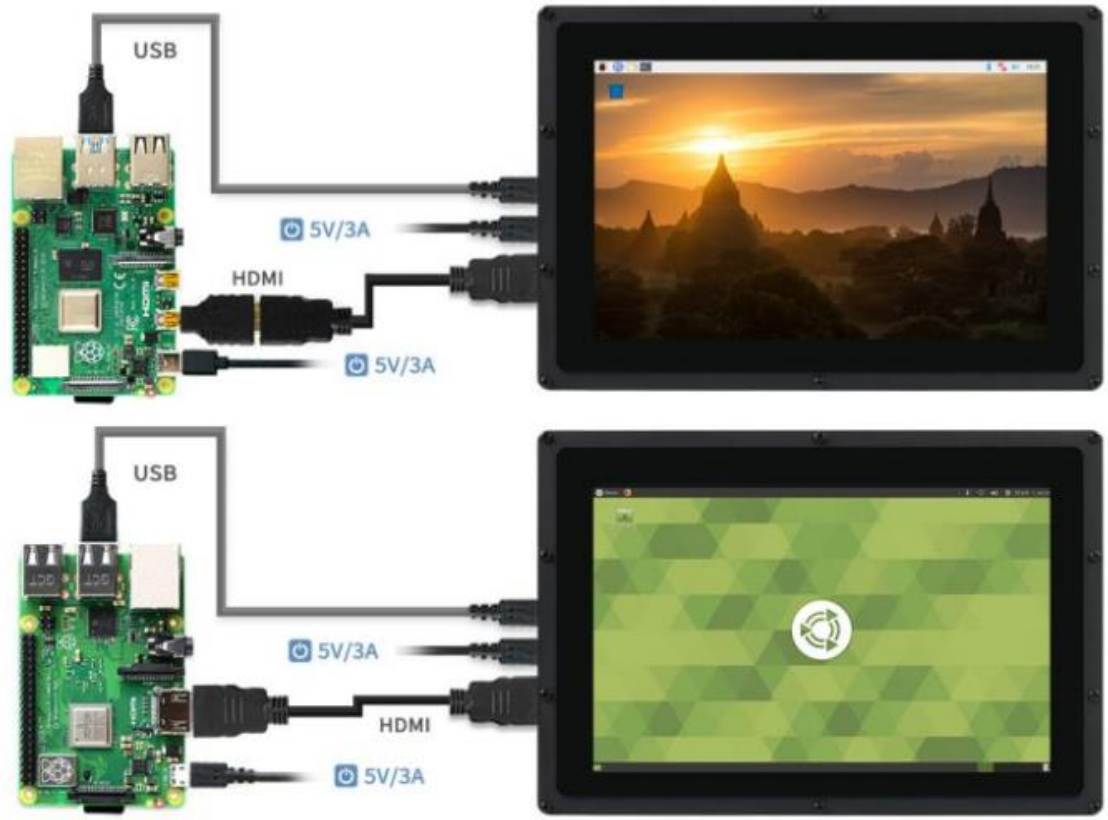
```
hdmi_group=2
hdmi_mode=87
hdmi_cvt 1280 800 60 6 0 0 0
hdmi_drive=1
```

Backlight Adjustment

```
wget https://files.waveshare.com/upload/0/01/Brightness-HDMI.zip
unzip Brightness-HDMI.zip
cd Brightness-HDMI
sudo chmod +x install.sh
./install.sh
```

Hardware connection

1. The Power Only interface of the touch screen is connected to a 5V power adapter.
2. Connect the touch screen to the HDMI port of the Raspberry Pi with an HDMI cable.
3. Use a type A to micro USB cable to connect the Touch interface of the touch screen to any USB interface of the Raspberry Pi.
4. Insert the TF card into the TF card slot of the Raspberry Pi, power on the Raspberry Pi, and wait for more than ten seconds to display normally.



Applications:

- Car music system
- Wending machine
- Smart home automation
- Industrial appliances