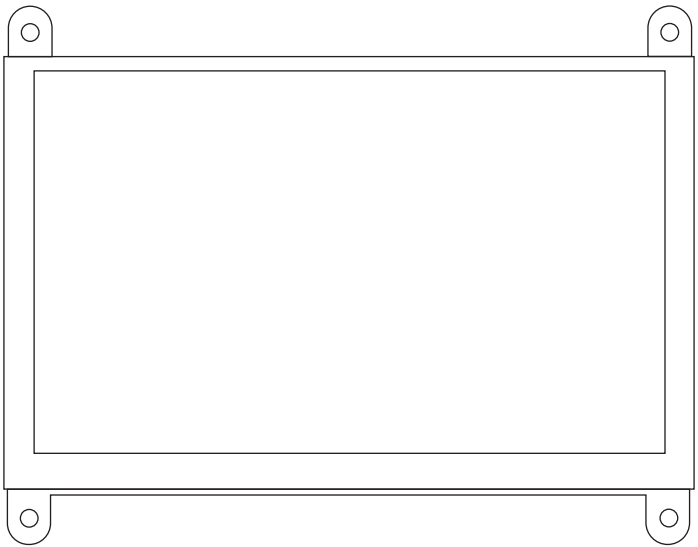
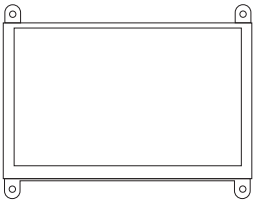
5 Inch Touchscreen Monitor-C

For Raspberry Pi



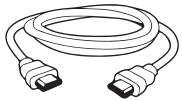
Quick Start Guide

What's Included ?



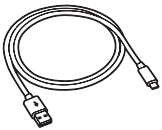
❶

1 x 5 inch Touchscreen



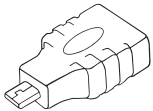
❷

1 x HD Cable (1M)



❸

1 x USB-A to USB-C Cable (1M)



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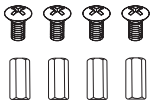
1 x Micro-HD Adapter (For RPI 4B & 5)



❺

4 x Hexagonal Copper Standoff Kit(M3)

Safety Instructions

1. Safe Use of Power

- Do not use damaged power cords, plugs, or loose power sockets.
- Do not touch the power plug with wet hands.
- Avoid any objects pressing on or entwining with the power cord.
- Unplug the power cord when it is unattended for an extended period.
- Ensure the power plug is securely inserted to prevent it from coming loose.

2. Safe Placement of the Product

- Avoid placing the product near heat sources.
- Do not place the product face down.
- Do not position the product on unstable or vibrating surfaces (unsteady shelves, inclines, etc.).
- Keep the monitor away from damp environments.

3. Cleaning the Product

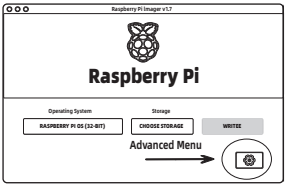
Please follow these steps when cleaning the product:

- Turn off the product's power.
- Disconnect the product's power cord.
- Use a clean, soft, and dry cloth to wipe the display screen.
- Do not use cleaning agents containing alcohol, solvents, or surfactants on the screen.
- Do not directly spray water or cleaning agents onto the product.
- Dip a soft, dry cloth into water, thoroughly wring it out, and then clean the exterior of the product.

Use of various systems

(1)How to Install Raspberry Pi OS/Ubuntu Mate/Kali system?

1.Download the Image



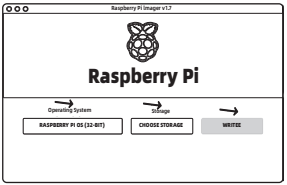
● Raspberry Pi OS Image

Download URL: https://www.raspberrypi.com/software/

When you have the Raspberry Pi Imager opened, and after you have selected the operating system to install, a cog wheel will appear allowing you to open an "Advanced Options" menu if it is supported by the operating system.This menu lets you carry out tasks like enabling SSH, or setting your Raspberry Pi's hostname, and configuring the default user before first boot.

⚠ **Note: If you use the Advanced Options menu in Imager to configure your Raspberry Pi OS installation then the configuration wizard that normally runs on first boot will be skipped.**

2.Burn the Image



1. Connect the Micro SD Card reader to the Micro SD Card inside the device
2. Open Raspberry Pi Imager and select the desired operating system from the list under 'Operating System.'
3. Click "CHOOSE STORAGE" to select the Micro SD Card where you want to write the image.
4. Review your selection, then click the "Write" button to start writing the data to the Micro SD Card.

3. Insert Micro SD Card

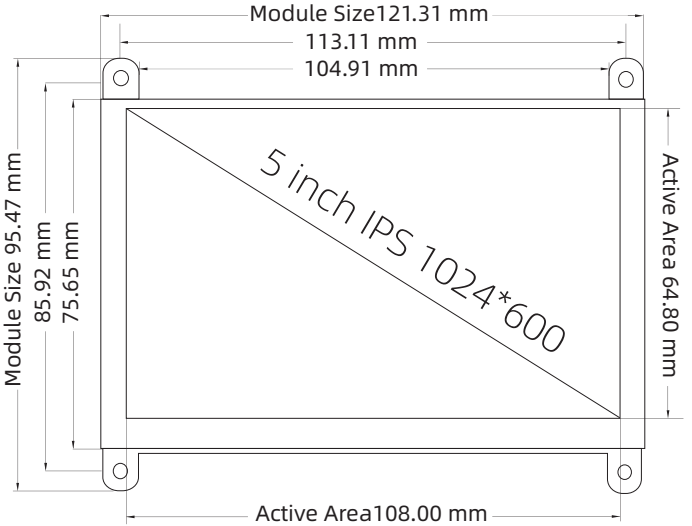
After completing the aforementioned steps, safely eject the Micro SD Card from your computer, and subsequently insert it into the Micro SD Card slot located on the rearside of the Raspberry Pi.

Monitor Specifications

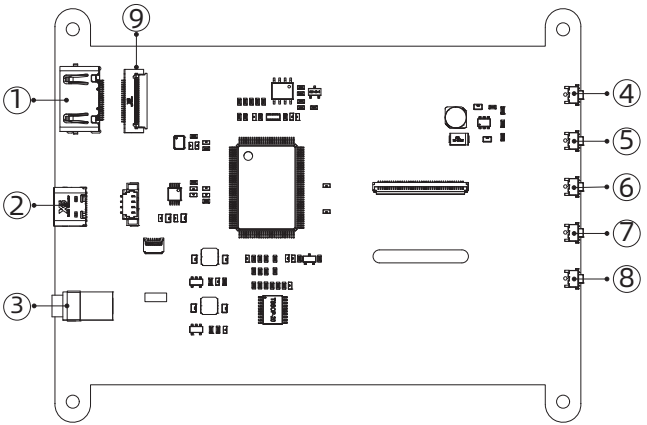
Screen Size:	**5 inch**	**Touchscreen Type:**	**IPS Capacitive**
Resolution:	**1024 x 600**	**Power Source:**	**USB Type C (5V)**
Video Input Interface:	**HD**	**Refresh Rate:**	**60Hz**
Response Time:	**5 ms**	**Backlight Brightness:**	**410cd/m2**

Product Description

1.Product Size



2.Socket Description



1. HD Input Port

Connect using an HD cable to the signal source.

2. USB-C Port

For touch functionality and power supply.

3. 3.5mm Headphone Jack

To output audio signals from the device to the headphones.

4. Menu Button

Access various settings or functions on the screen.

5 & 6. Left/Up Button & Right/Down Button

Used for quick adjustment of backlight brightness.

7. Return Button

Return to the previous screen or cancel current operation..

8. Power Button

Turn on/off backlight.

9. 20P-FPC-0.5mm Display Port

Connect using an ribbon cable to the signal source.

Troubleshooting Guide and Solutions

(1)This page addresses user-correctable issues. If the problem persists after attempting these solutions, please get in touch with our customer support.

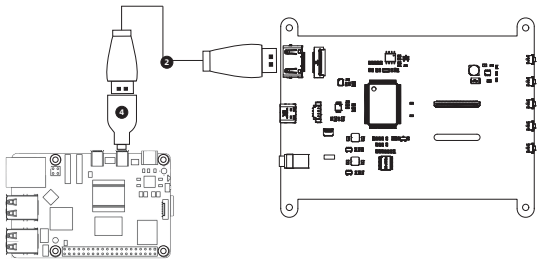
Problems	Possible Solutions
System Write Failure	You need to rewrite the system. If the issue persists after rewriting, it may be due to a formatting error with your Micro SD Card or a defective Micro SD Card. To resolve an Micro SD Card formatting error: 1. Run SDFormatter.exe and format your card. 2. In your computer, select the Micro SD Card, right-click, choose Properties, and ensure that your Micro SD Card is formatted as FAT32. If the Micro SD Card is defective, please replace it with a new and fully functional one.
The monitor displays a black or white screen, or no full screen, or shows a white line	Make sure your image system is intact. Modify the configuration file config.txt.
The monitor keeps flickering	This is due to unstable power supply. Ensure a stable connection for both the screen's micro USB and the Raspberry Pi's USB, and try using a different USB cable.
The LCD cannot display correctly when connected to a PC	Adjust the output signal to HD. Ensure that the operating system is Windows. Use the LCD as the sole monitor for testing. Connect the USB powercable first, and then the HD cable. Attempt to restart your computer.
Touch Functionality Not Working	Please ensure that the Micro USB connector of the Raspberry Pi is correctly connected to the USB touch interface of the LCD screen. If you have confirmed that the connection is good, please try using another Micro USB cable that supports data transfer.Also, please check if the touch driver code has been configured correctly.

Connect To Raspberry Pi

Step1

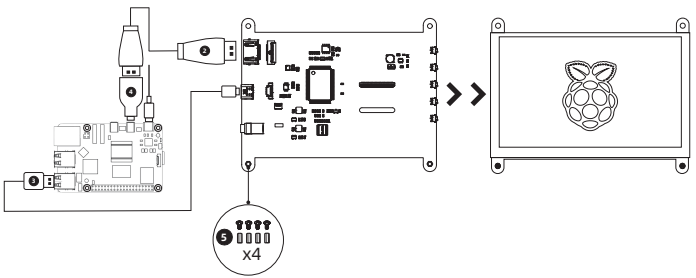
Use the ❷ HD cable and the ❹Micro-HD adapter to connect the screen to the Raspberry Pi.

(if your Raspberry Pi is not a 4B or 5, there's no need to use a ❹ Micro-HD adapter .)



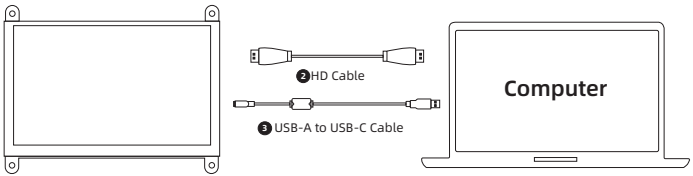
Step2

Connect the Raspberry Pi to the screen using a ❸USB-A/C cable . Power up the Raspberry Pi.



Note: You need to connect the power cable first and then provide power to the Raspberry Pi.
-When using Raspberry Pi 4B, ensure that the power supply current can reach 3A.
-When using Raspberry Pi 3B+/3B/2B/B+/B/A, make sure the power supply current is at least 2A.
If the power supply is insufficient, please use an external power source and connect it to the POWER interface; otherwise, you may encounter a black screen or the Raspberry Pi may not boot.

Connect To Computer



Step 1: Connect the HD cable.
Step 2: Connect USB-C cable for display power supply and touch communication.
Step 3: Set the HD output resolution of the computer , and set this monitor as the main monitor.