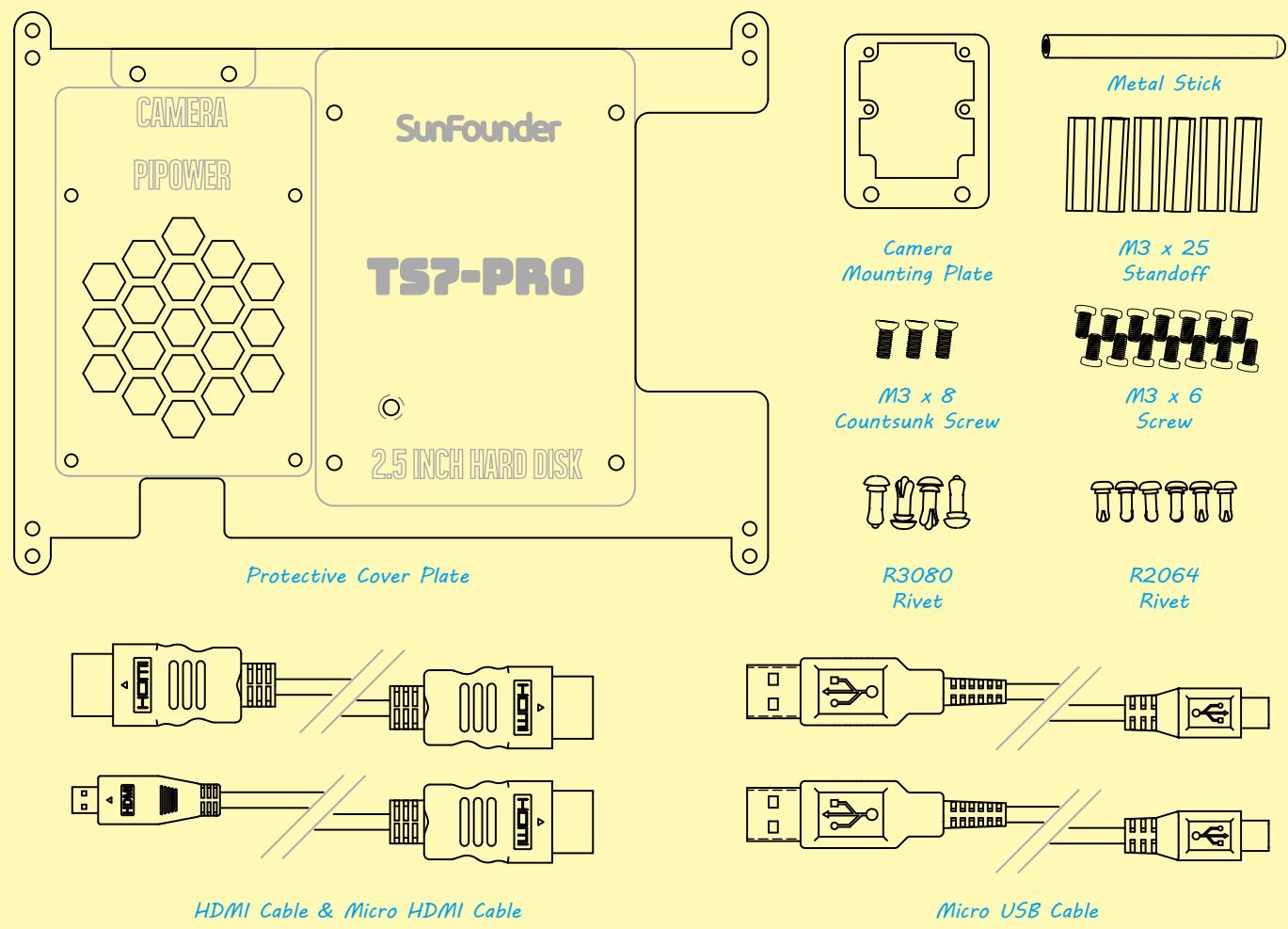
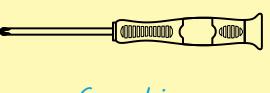
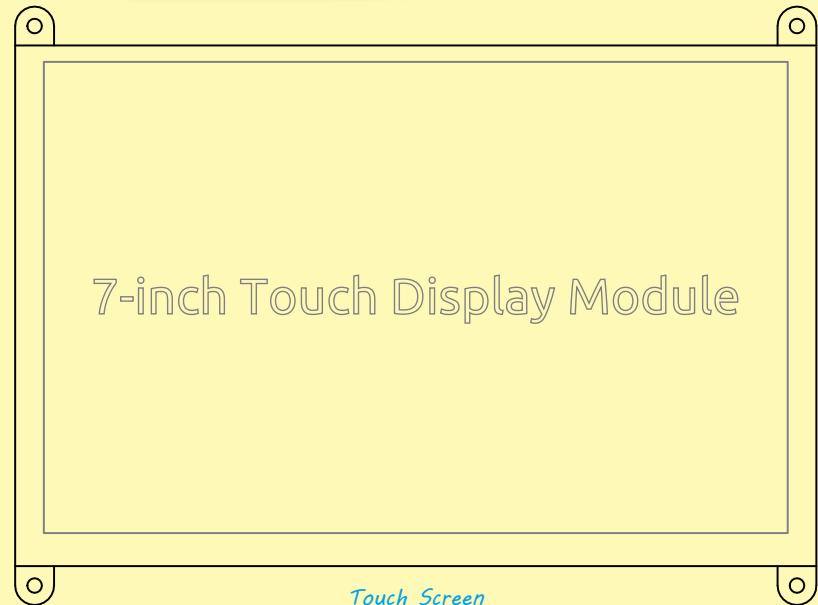


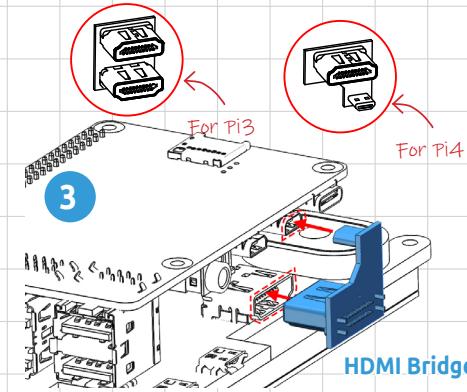
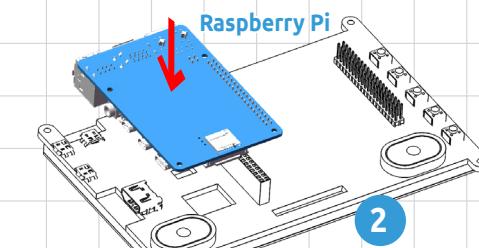
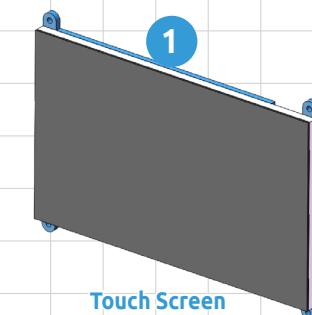
SUNFOUNDER TS7-PRO KIT

Get tutorial at: ts7-pro.rtfd.io

Note: This kit allows you to add peripherals such as PiPower, SSD, Raspberry Pi camera, gpio breadboard adapter, etc., but you may need to purchase the corresponding accessories separately.



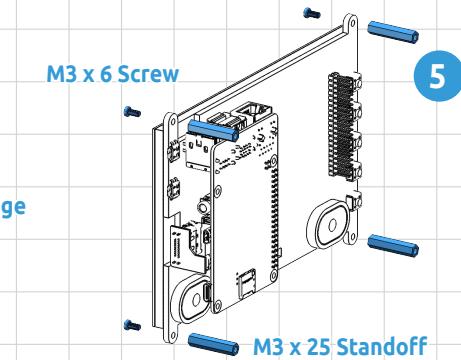
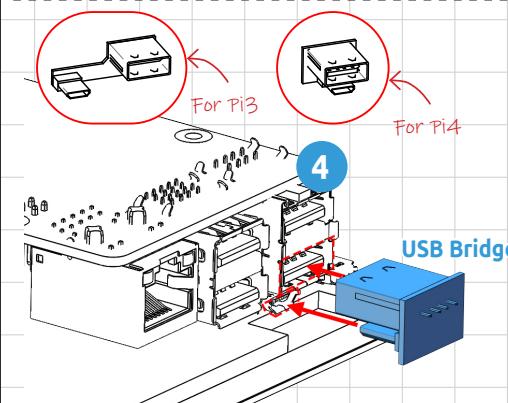
ASSEMBLE



Take out the touch screen and check if it is in good condition.

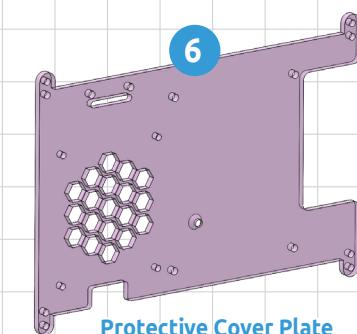
Flip the Raspberry Pi over and insert it into the expansion board of the Touch Screen.

Insert HDMI bridge, both Pi3 and Pi4 versions are provided, you can choose as needed.

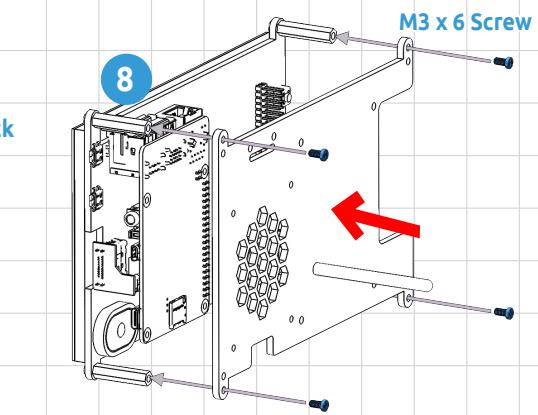
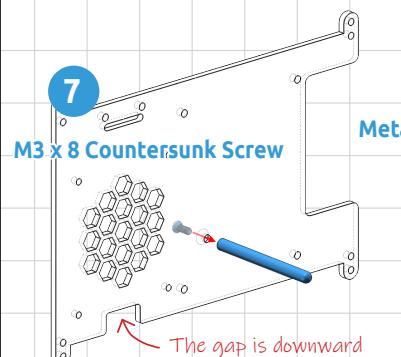


Plug in the USB bridge, also provided in 2 versions, please choose as needed.

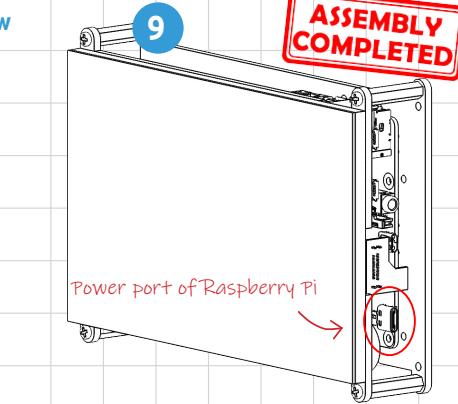
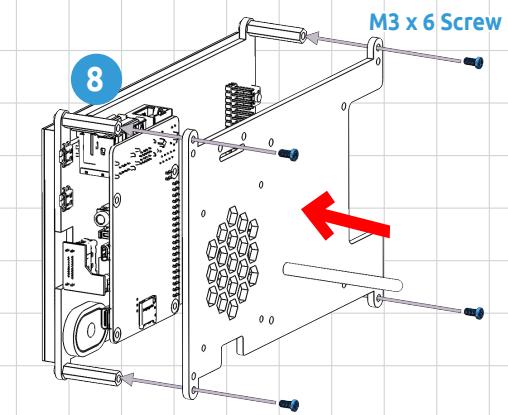
Screw in the screws and nylon standoffs at the 4 corners.



Next, prepare the Protective Cover Plate, which is a transparent acrylic plate.

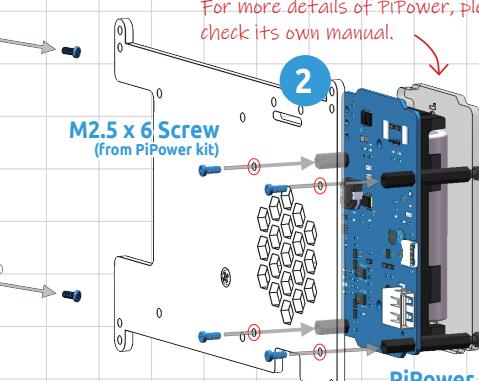
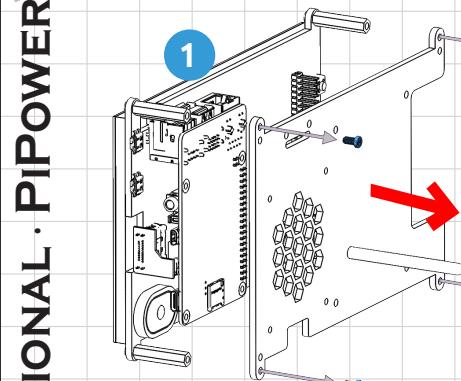


A Metal Stick is attached to the Protective Cover Plate as a support.



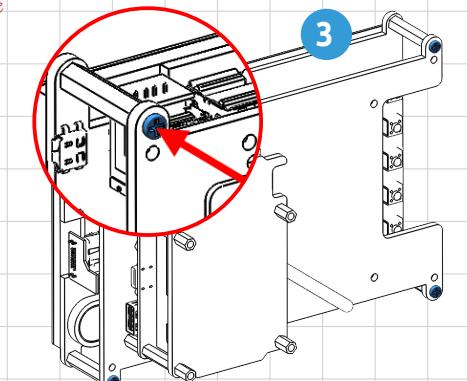
Plug in the power adapter, wait a moment, and you will see the Raspberry Pi desktop.

OPTIONAL · PIPOWER

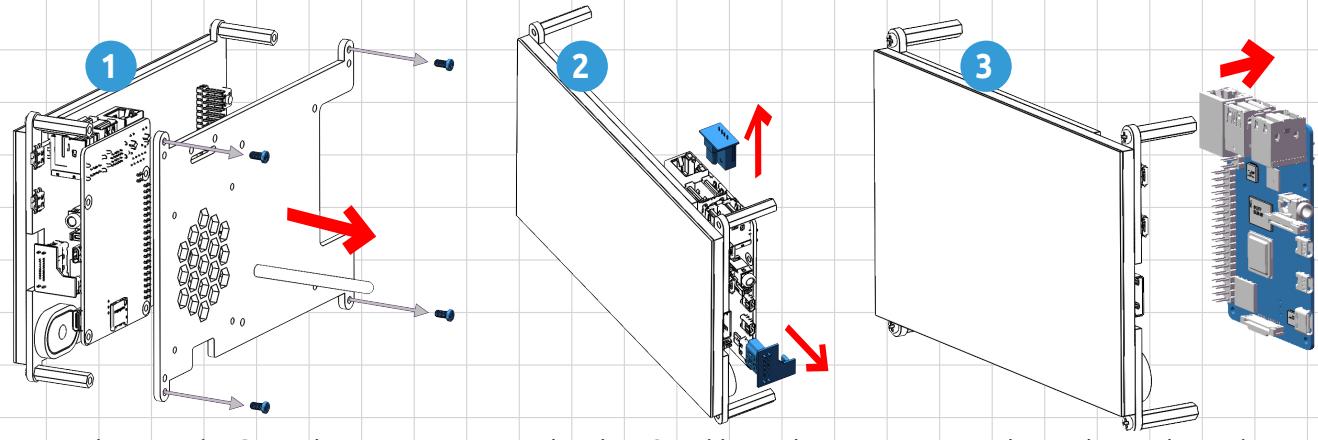


Remove the Protective Cover Plate.

Secure the PiPower to the Protective Cover Plate.



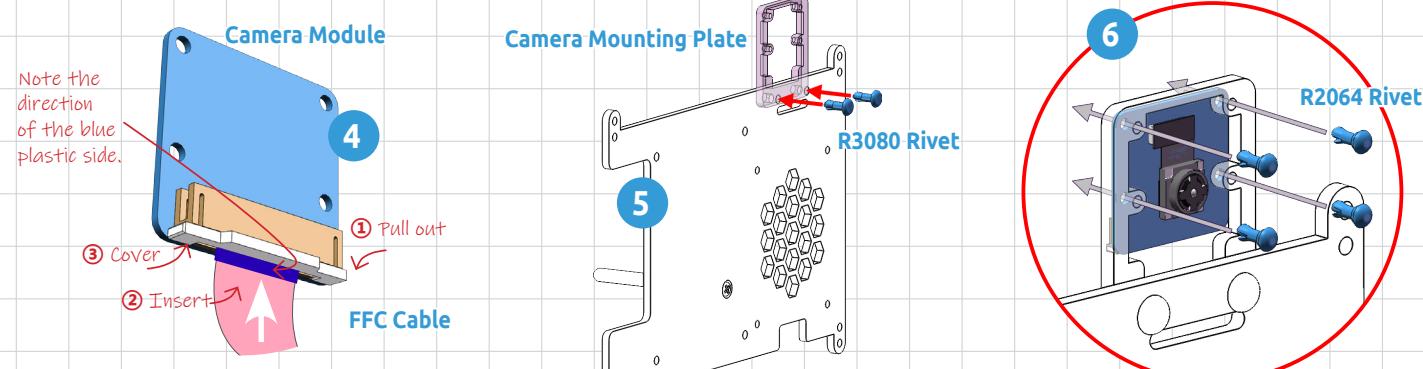
OPTIONAL . CAMERA



Remove the Protective Cover Plate.

Unplug the USB Bridge and HDMI Bridge.

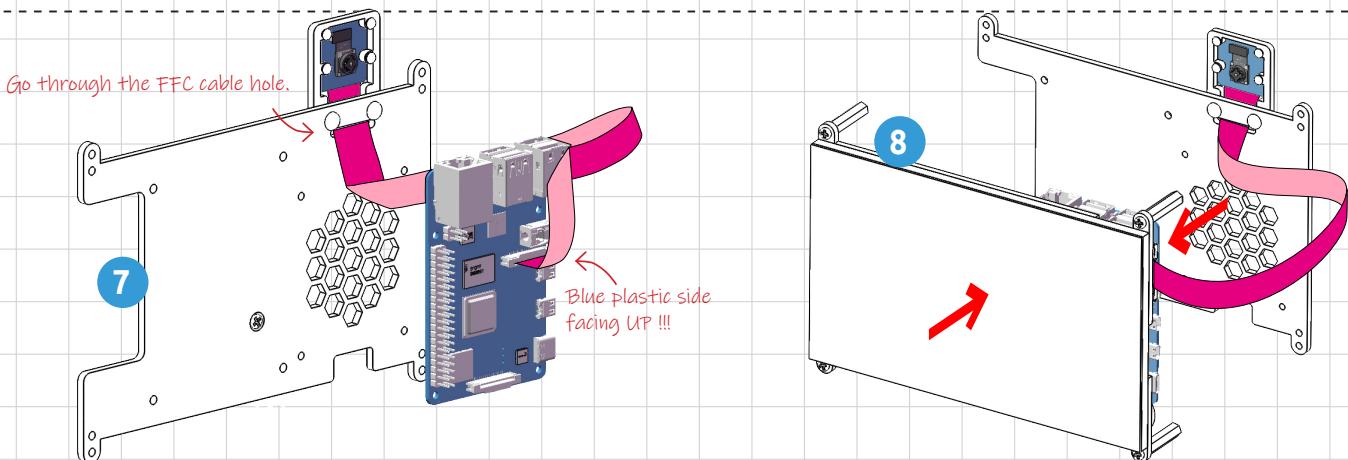
Take out the Raspberry Pi.



Insert the FFC Cable on your Camera Module.

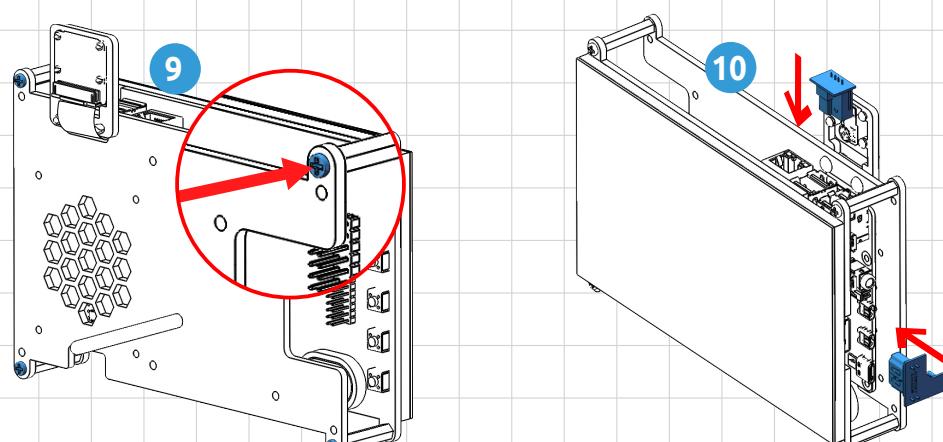
Attach the Camera Mounting Plate, which is a transparent acrylic plate.

Secure the Camera Module with four rivets



Insert the FFC into the Raspberry Pi and make a bend on the outside so as not to block the interfaces of the Raspberry Pi.

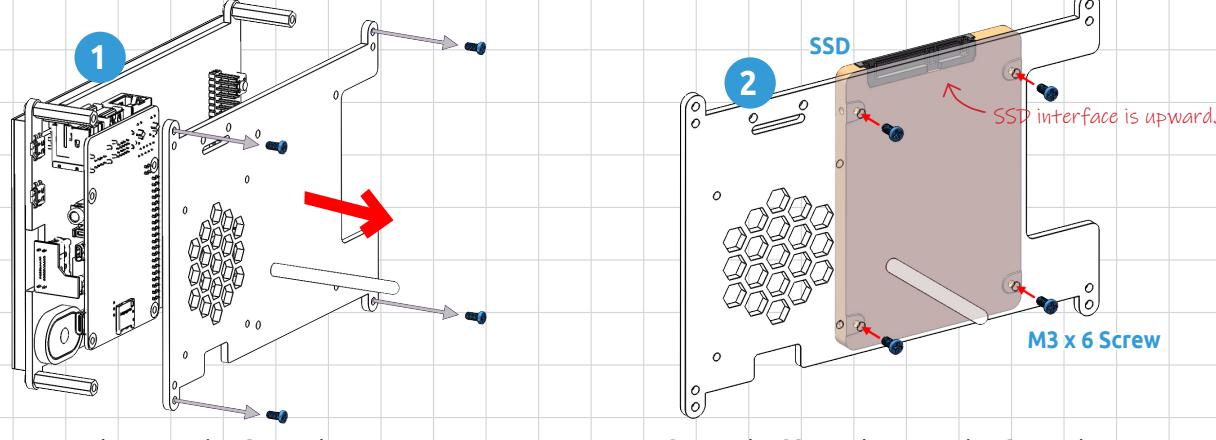
Reinsert the Raspberry Pi into the back of the Touch Screen as it was.



Put the Protective Cover Plate back on.

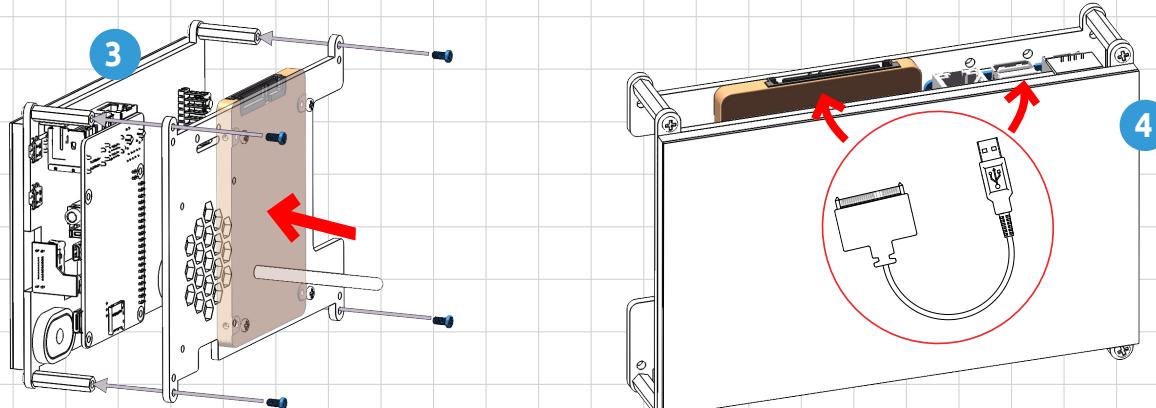
Replug the two bridges.

OPTIONAL . SOLID STATE DISK



Remove the Protective Cover Plate.

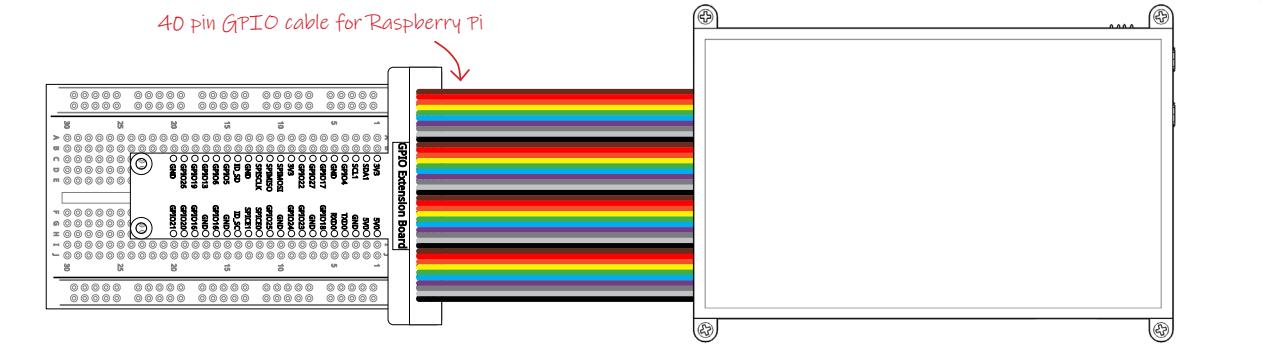
Secure the SSD to the Protective Cover Plate.



Put the Protective Cover Plate back on.

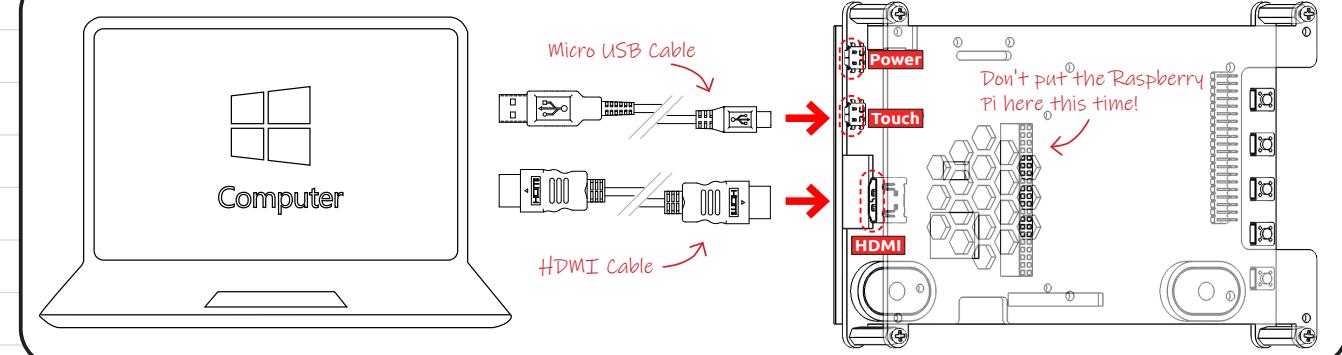
Plug in the SSD cable.

OPTIONAL . BREADBOARD



This screen also retains the 40pin interface of the Raspberry Pi, which can be used for projects. You need to pay attention to the inserting direction of the 40pin cable to avoid burning the Raspberry Pi.

OPTIONAL . COMPUTER



If you want to use this screen as an extended Touch Screen for your PC, then you need to connect this Touch Screen to your PC with a Micro USB cable and a HDMI cable. Some computers do not have enough power supply and it is recommended to plug in extra power to the touch screen.