Metal Box | Metal Cover | Camera Holder (Bottom) | Camera Holder (Top)

Button-1 | Button-2 | Micro SD Adapter | GPIO Adapter

Flat Cable 2*20PIN | Screwdriver | Screw M2*6+6 | Screw M2.5*5 | Standoff M2.5*22+4

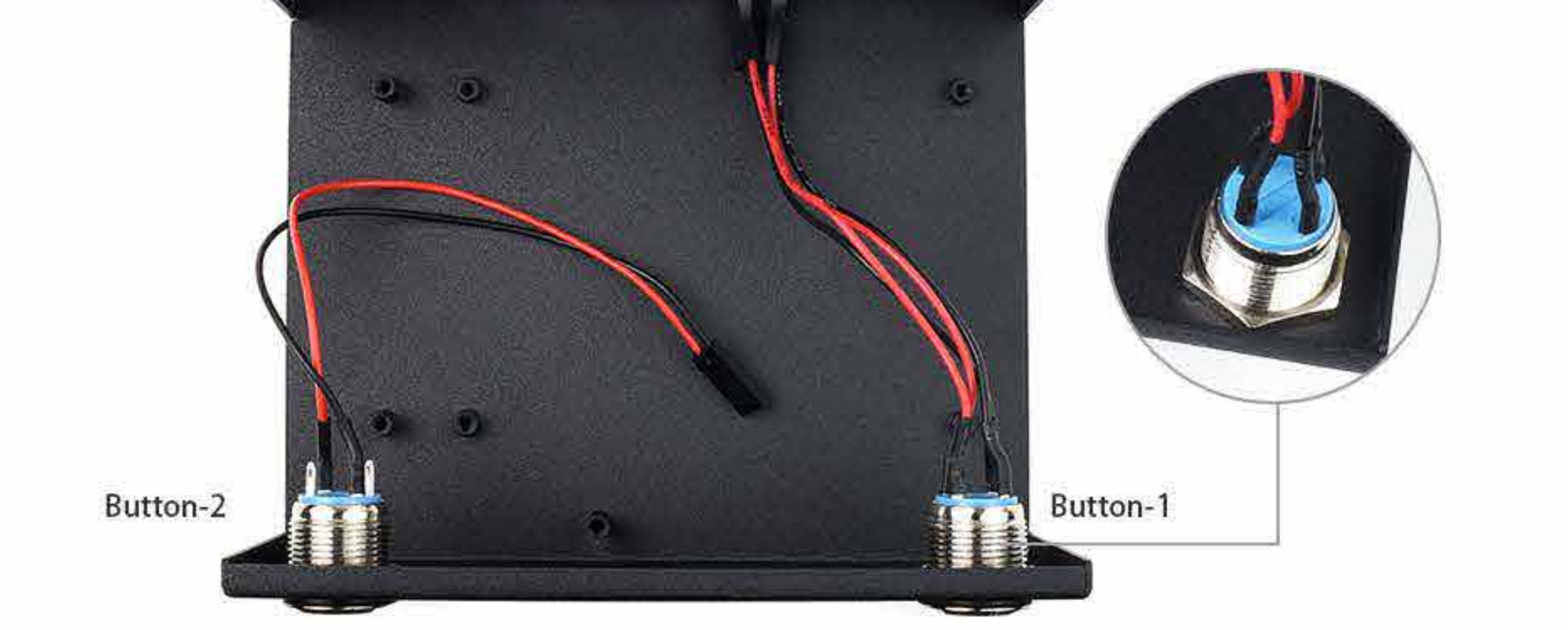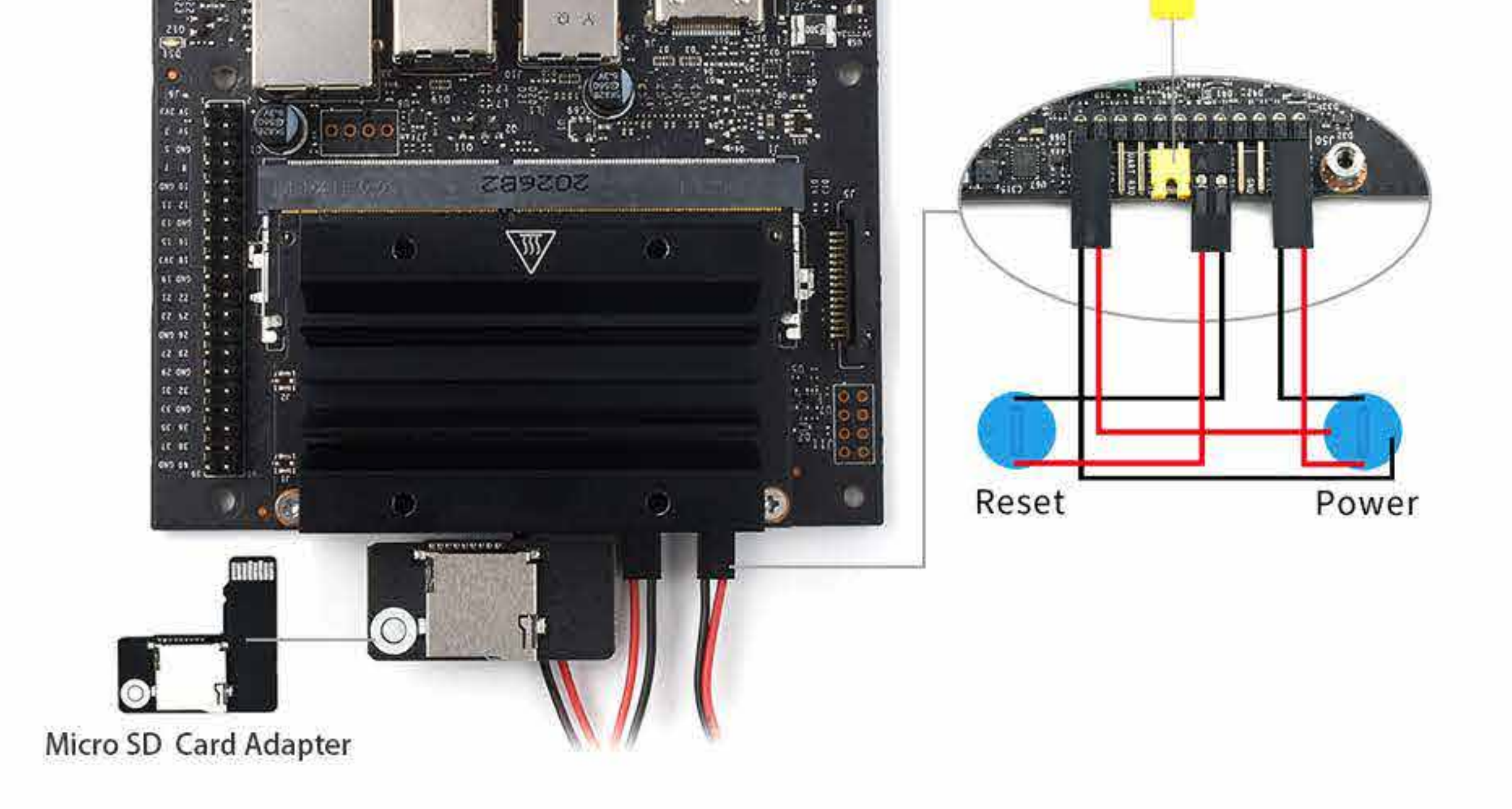Jumper | Screw M3*6 | Screw M2*6 | Nut M2 | Anti-slip feet

Step 1

Mount the buttons on the Metal Box, note that the button with four wires is the Power button and the another which has two wires are the Reset button.
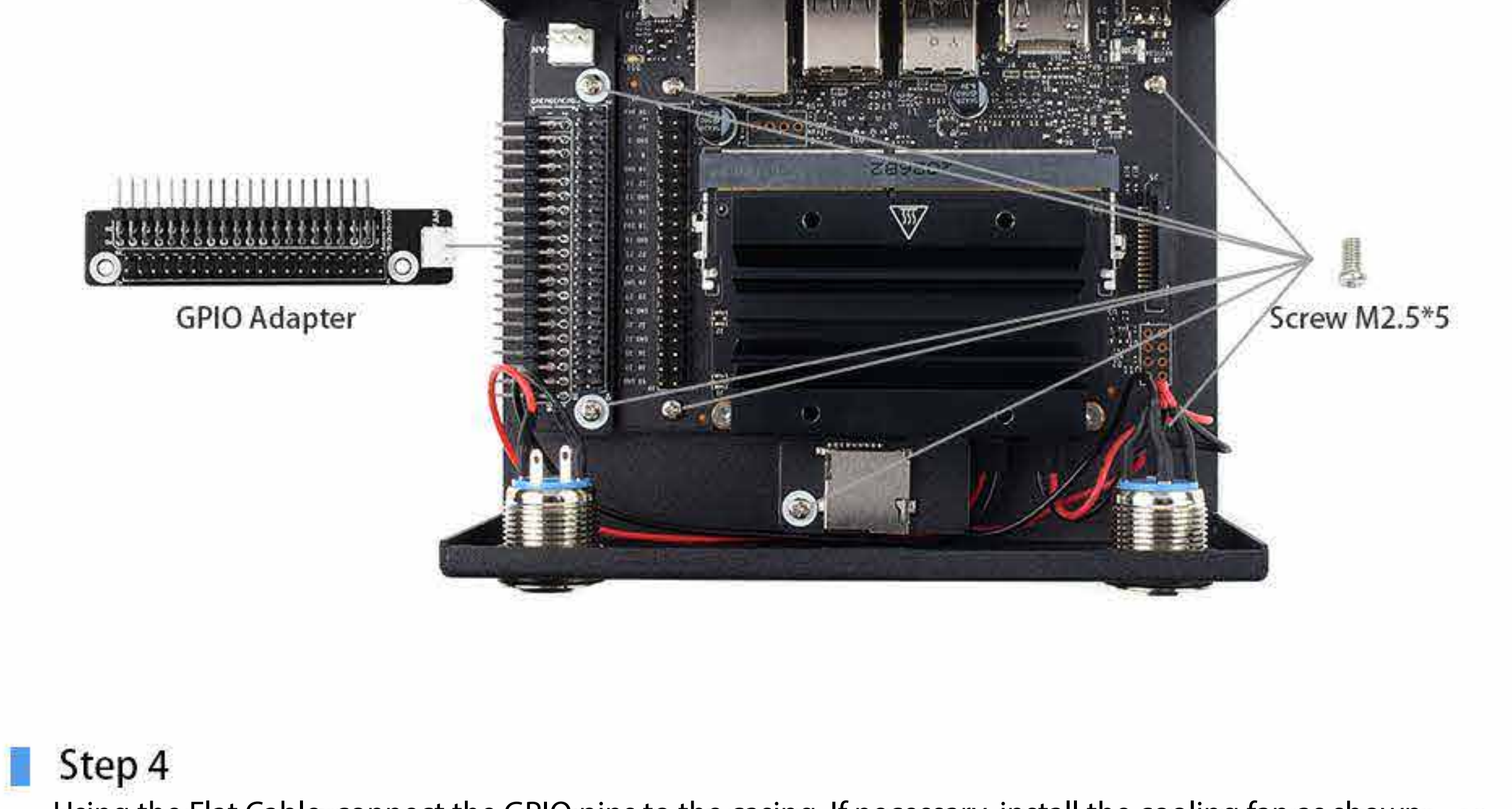

Button-2 | Button-1

Step 2

Connect buttons to Jetson Nano. Please refer to the diagram below. Insert the Micro SD Adapter to the Micro SD card slot. Press it to let it locked.

Note: You should press the adapter to make sure that the adapter is pop-up, then remove it. You cannot directly pull it out, otherwise you will break the Micro SD card slot.

Reset | Power

Micro SD Card Adapter

Step 3

Adjust cables, then mount the Jetson Nano 2GB Developer Kit in the Metal Box and fix it by screws. You should also fixe the Micro SD Card Adapter by screws. And then mount the GPIO Adapter by screws.

GPIO Adapter | Screw M2.5*5

Step 4

Using the Flat Cable, connect the GPIO pins to the casing. If necessary, install the cooling fan as shown. (Note: The fan takes power from the 5V and GND pins of the GPIO pins, hence the fan turns on whenever the main power is turn on, regardless if the power button on the case is pressed.

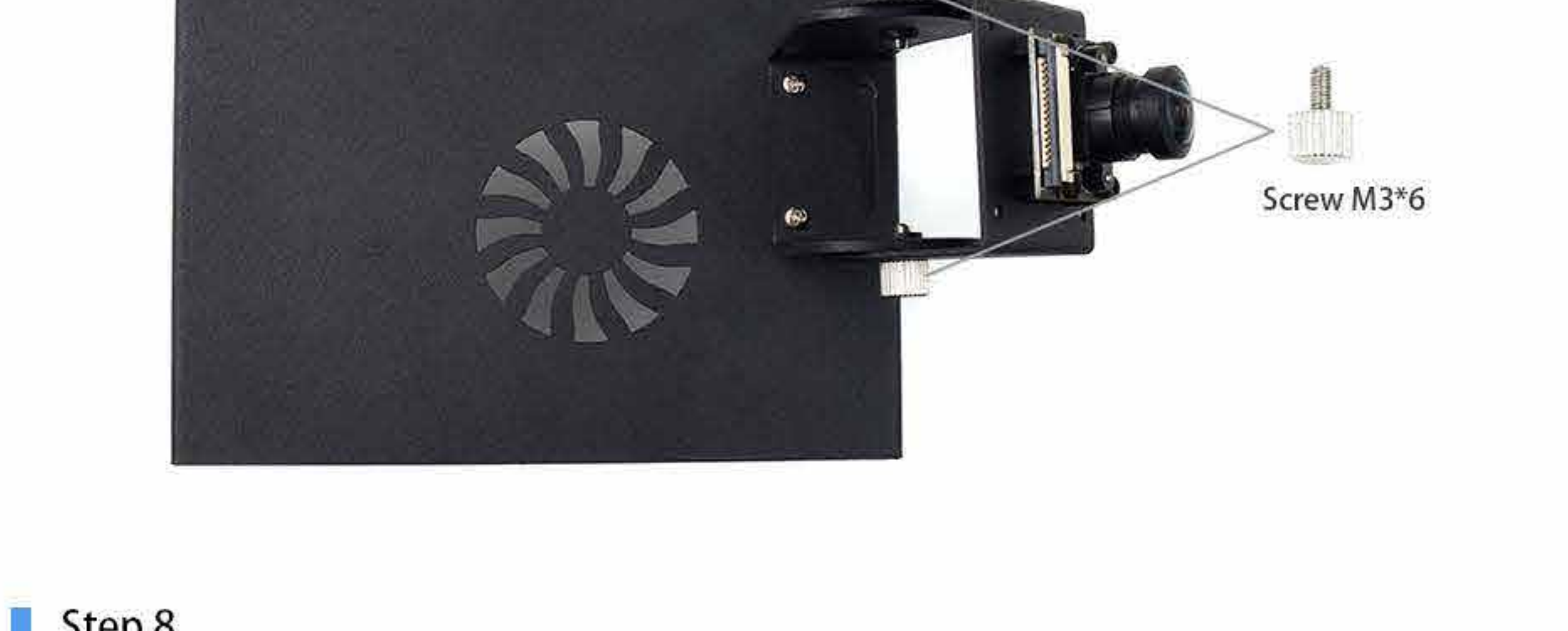
Flat Cable 2*20PIN

Step 5

Fixe the Camera Holder-Bottom on the Metal Box

Screw M2.5*5 | Camera Holder (Bottom) | Metal Cover

Step 6

Fix camera on the Camera Holder-Top by nylon screws.

Nut M2 | Screw M2*6+6 | Screw M2*6

Step 7

Assemble the Camera Holders by screws, and adjust the angle and screw it tightly

Screw M3*6

Step 8

Connect the camera cables to Jetson Nano (You can first remove it from camera).

Step 9

Assemble the Case, and connect the Camera.

RESET | POWER | SD_CARD | M2.5*5