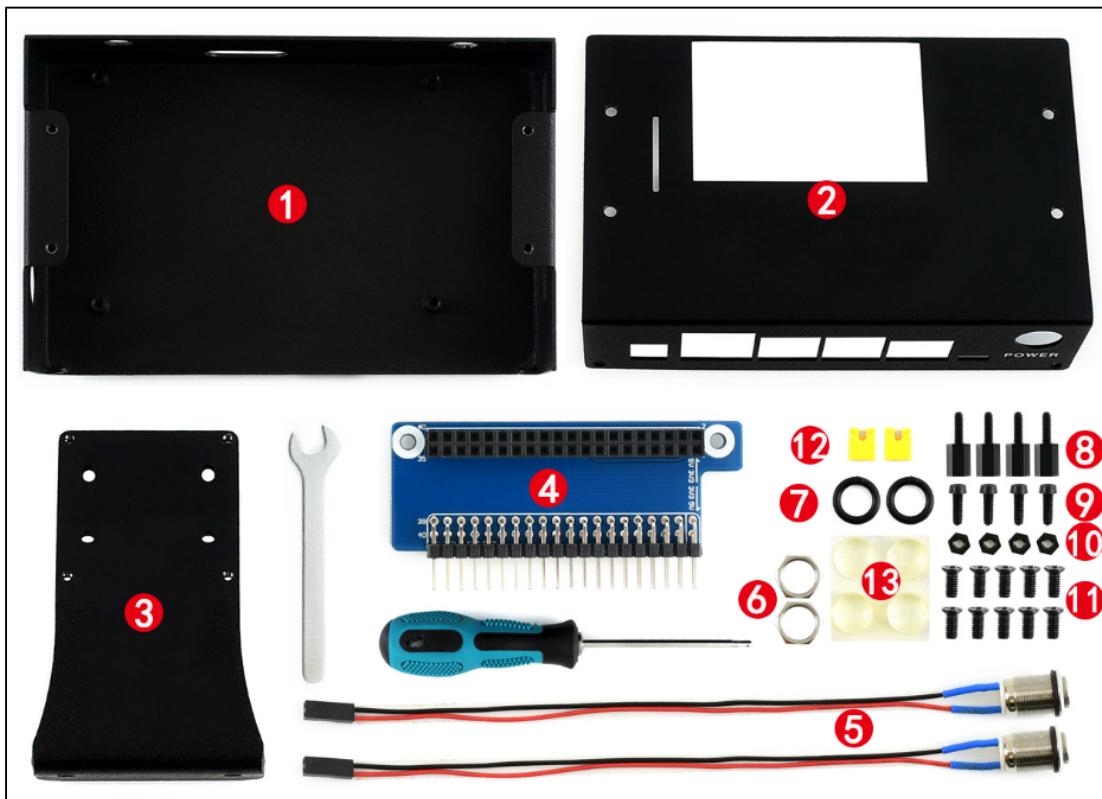


Jetson Nano metal case Installation and wiring instructions

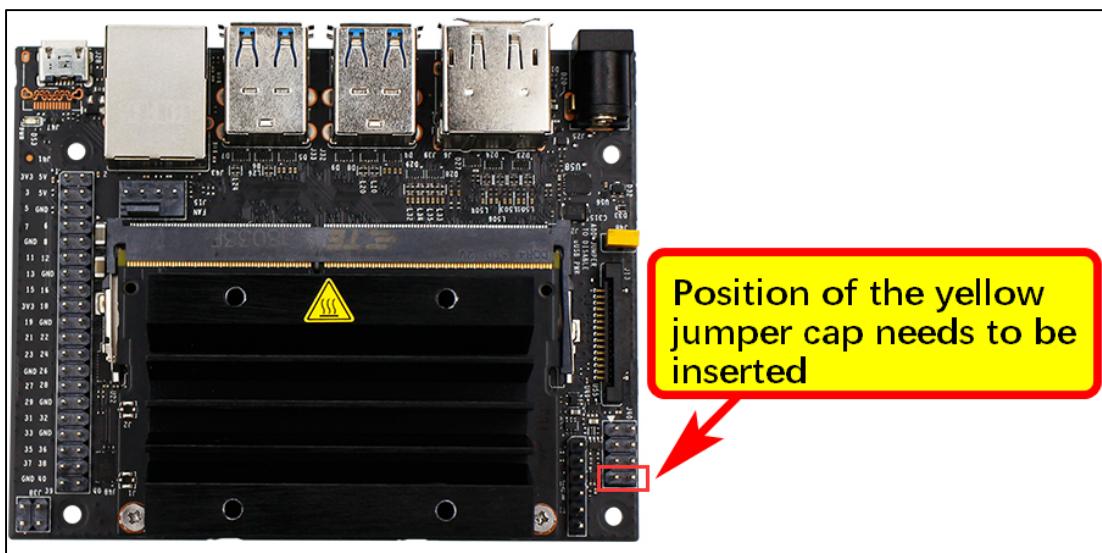
1. Materials needed for assembly:

Before installation, please confirm the accessories shown in the figure below.
Do not use the wrong screws.



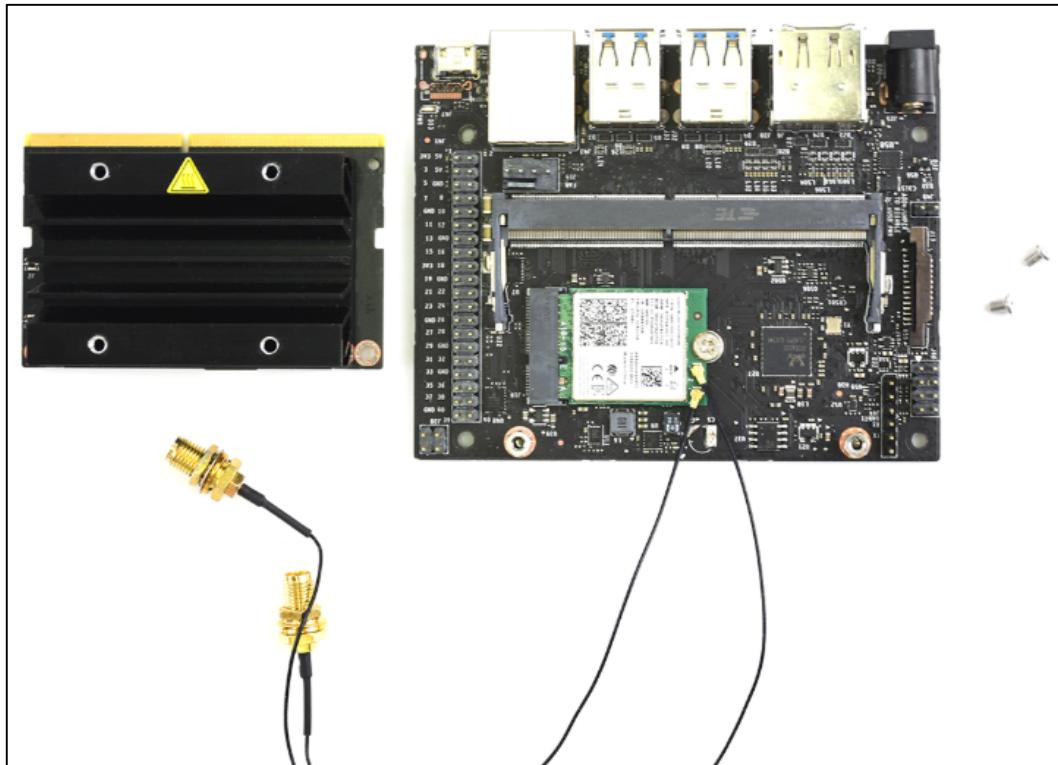
2. About wiring:

The yellow jumper cap needs to be installed in the position shown below. **If the jumper cap is not installed properly, the function of the power button will not work properly.**

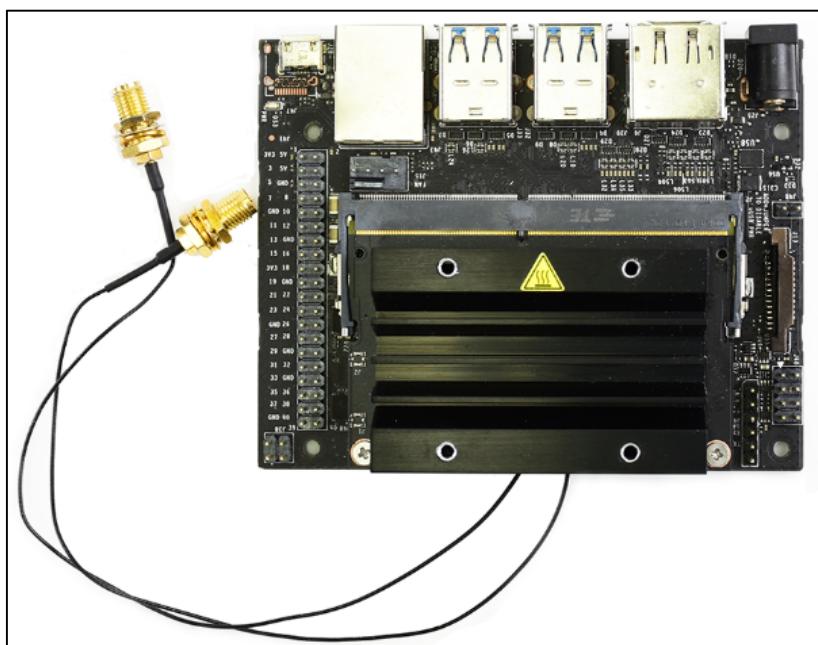


3. Installation steps:

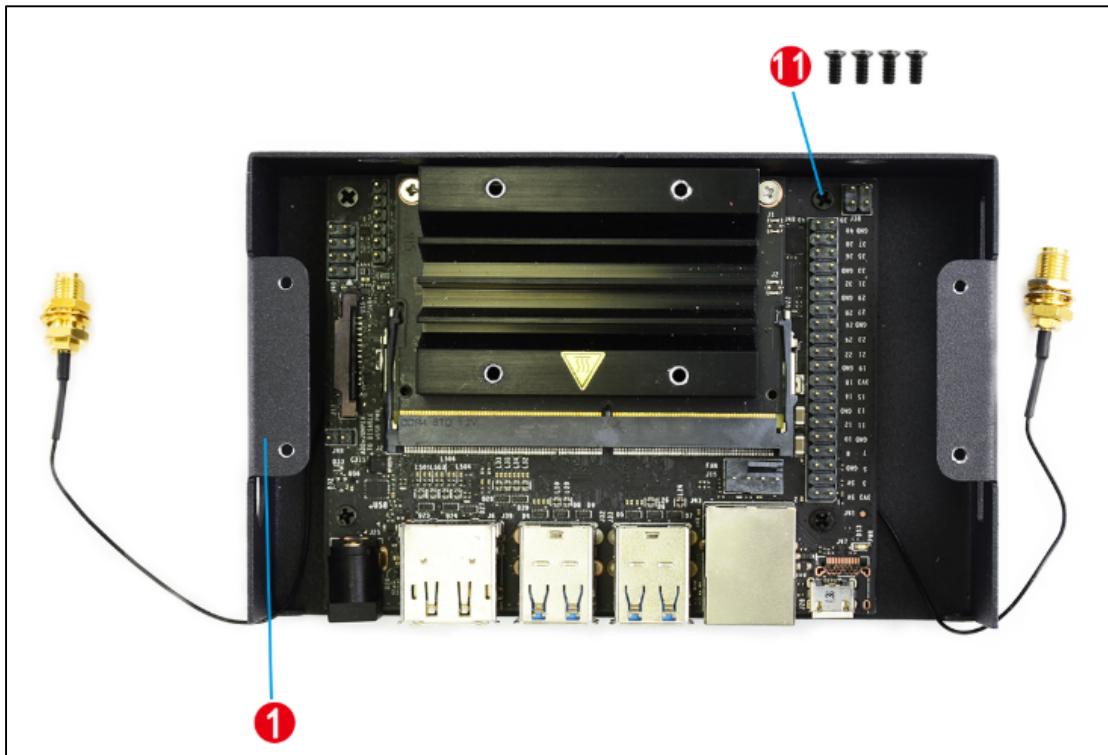
3.1 Unscrew and remove the core board screws on the Jetson Nano development board, connect the antenna of the wireless network card, and then install the wireless network card, as shown in the figure below.



3.2 Reassemble the core board as it is, as shown in the figure below.

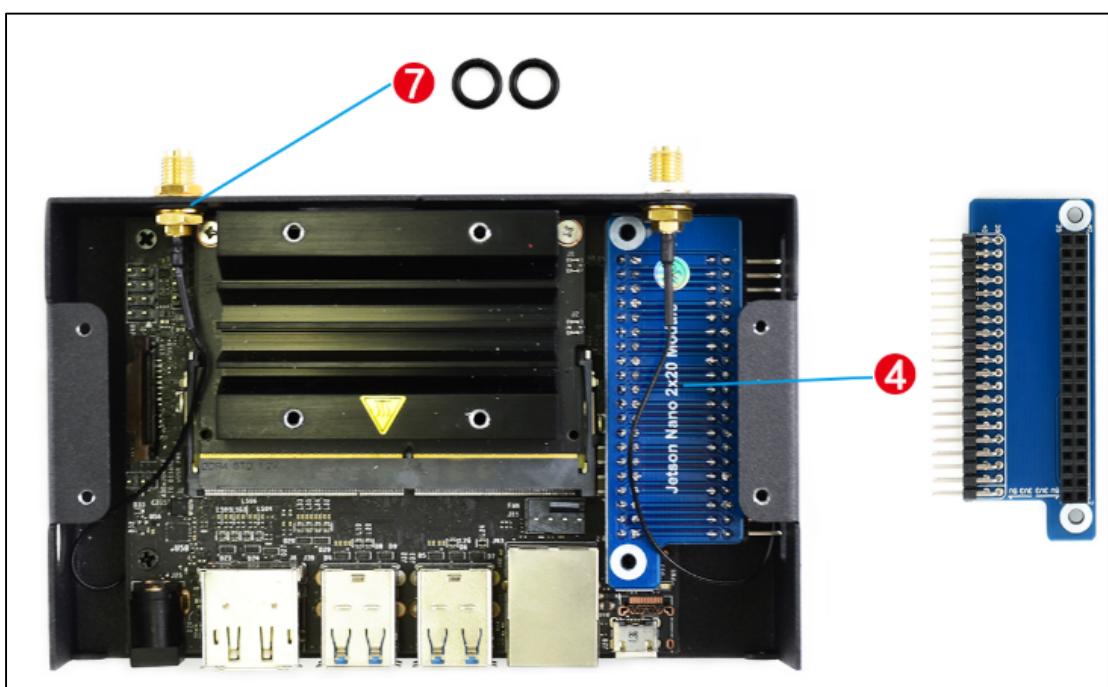


3.3 Fix the Jetson Nano to the bottom box of the metal case with screws. As shown in the figure below.

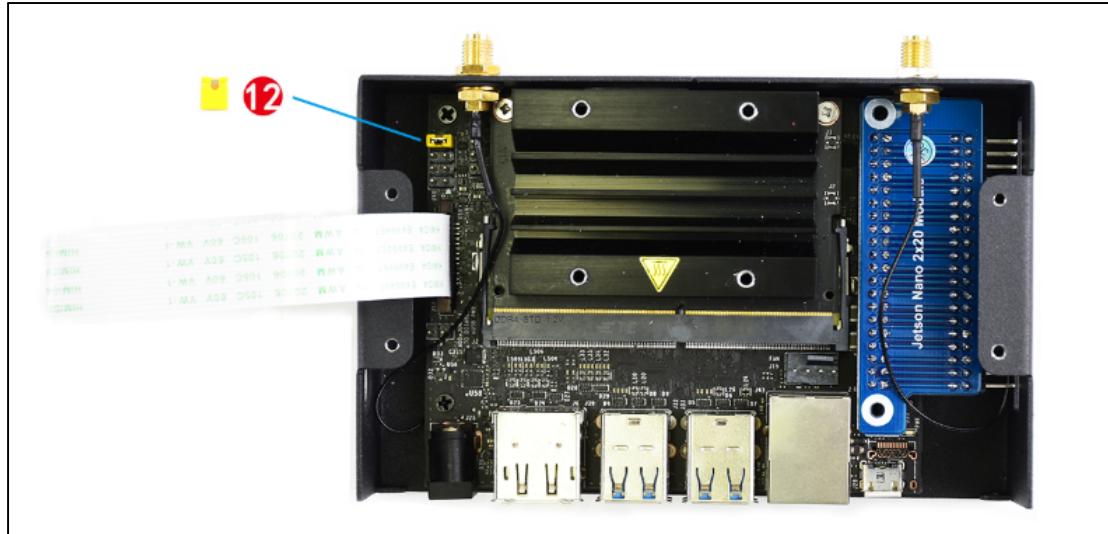


3.4 First, insert the Jetson Nano 40PIN adapter board into the 40PIN pin interface on the Jetson Nano development board, and then fix the antenna on the corresponding hole in the housing (to reinforce the antenna, we can add a waterproof ring), and use a wrench tighten the antenna.

!! Note: Tighten with a wrench as much as possible to avoid loosening the antenna when installing the antenna later.



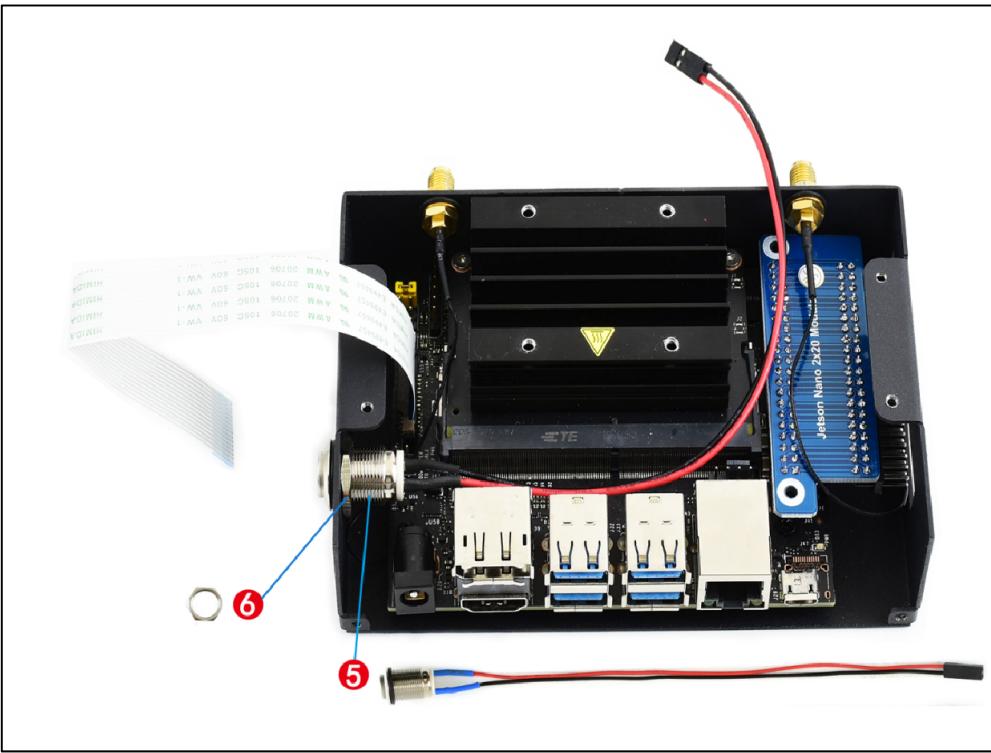
3.5 At the position shown in the figure below, install the yellow jumper cap and insert the cable of the camera into the corresponding position of the camera interface on the Jetson Nano board.



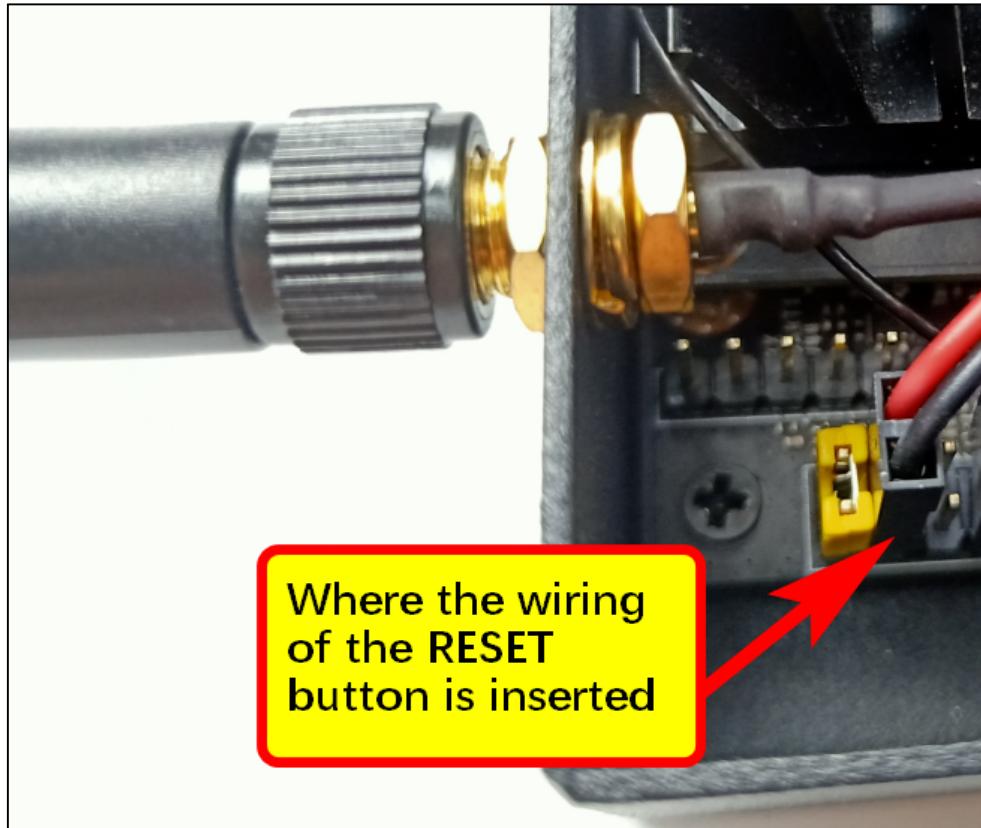
3.6 Lock the a self-recovery button into the corresponding 【RESET】 hole on the metal case.

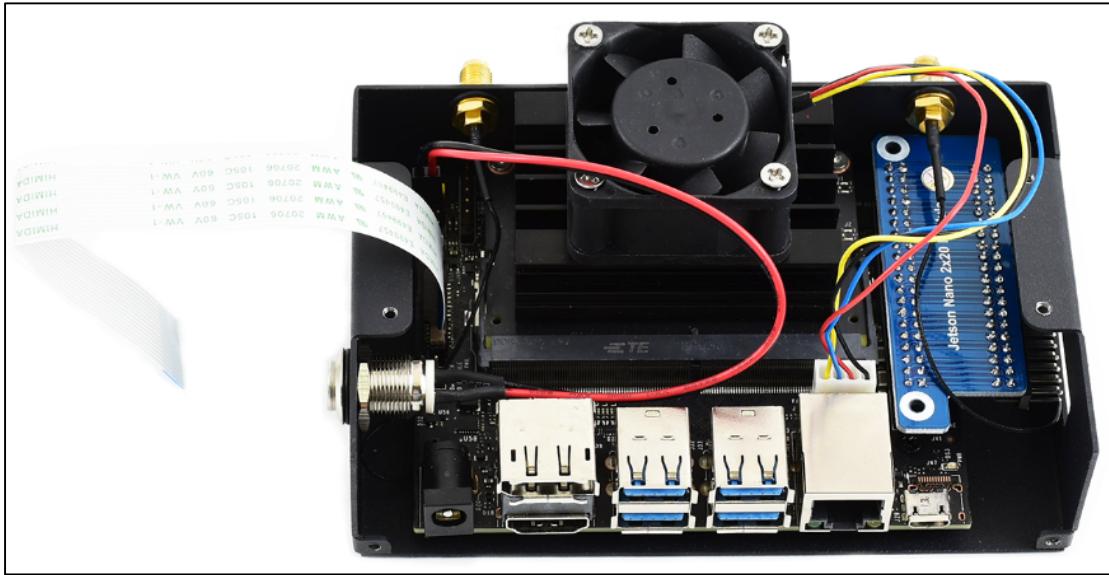


Where the reset
button is
installed

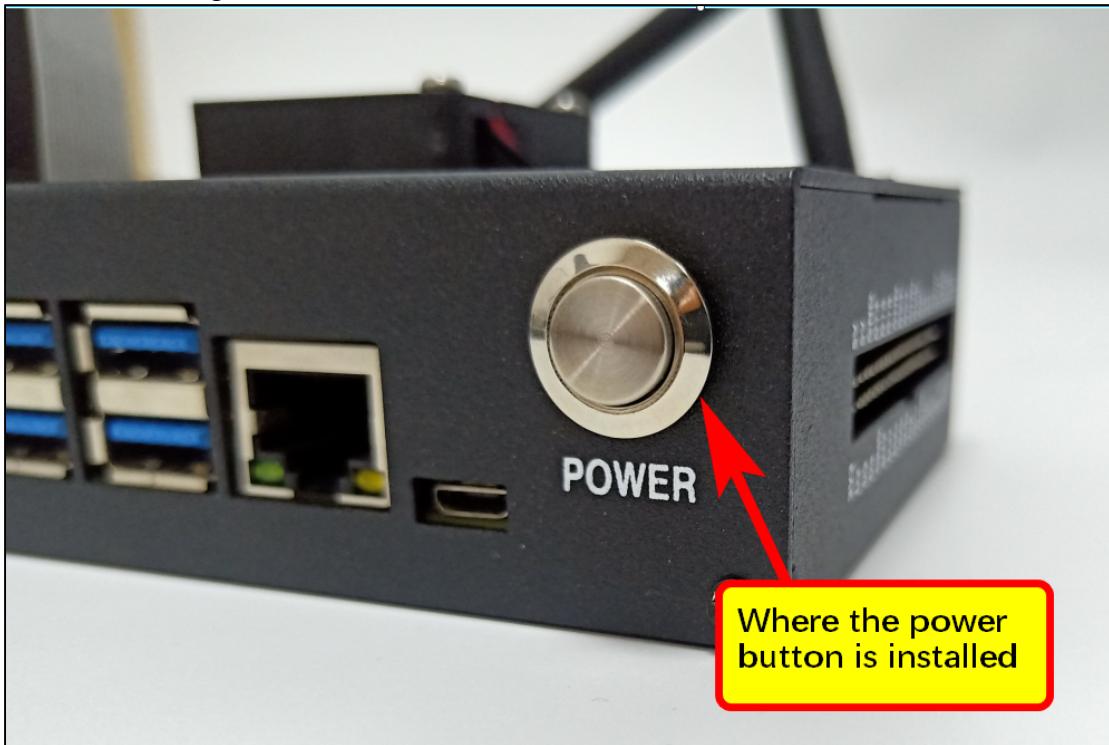


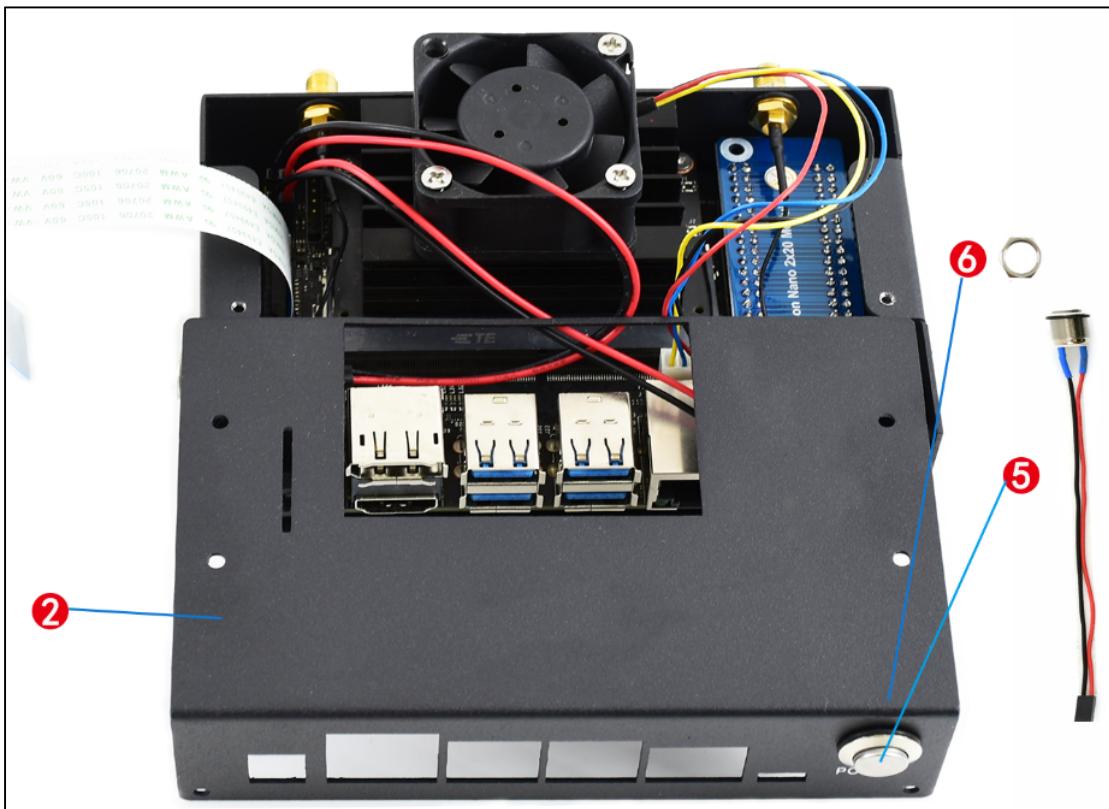
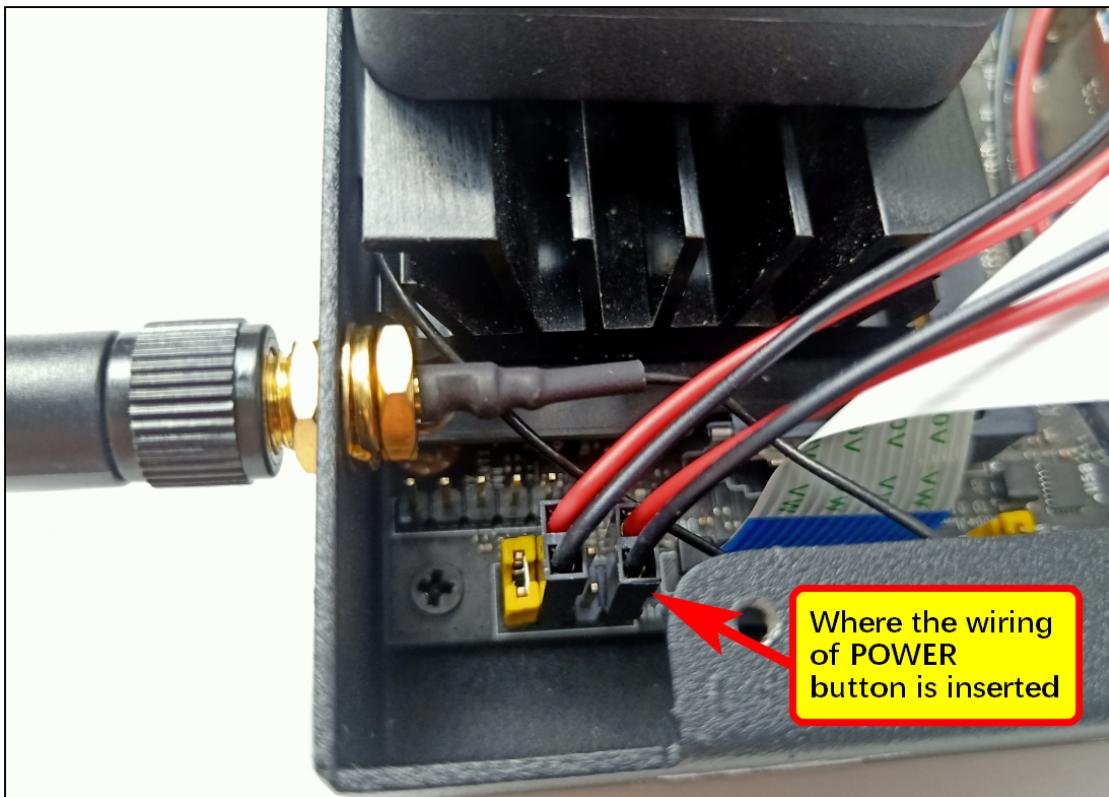
3.7 Insert the cable of the RESET button into the key pin, subject to the camera interface, and insert **the third pin** into the jumper cap. Insert the fan into the fan connector and fix it to the heat sink, as shown in the figure below.





3.8 Insert another self-recovery button into the corresponding [POWER] hole on the metal case, and insert the other end of the cable into the key pin, subject to the camera interface, and insert **the first pin** into the jumper cap. As shown in the figure below.



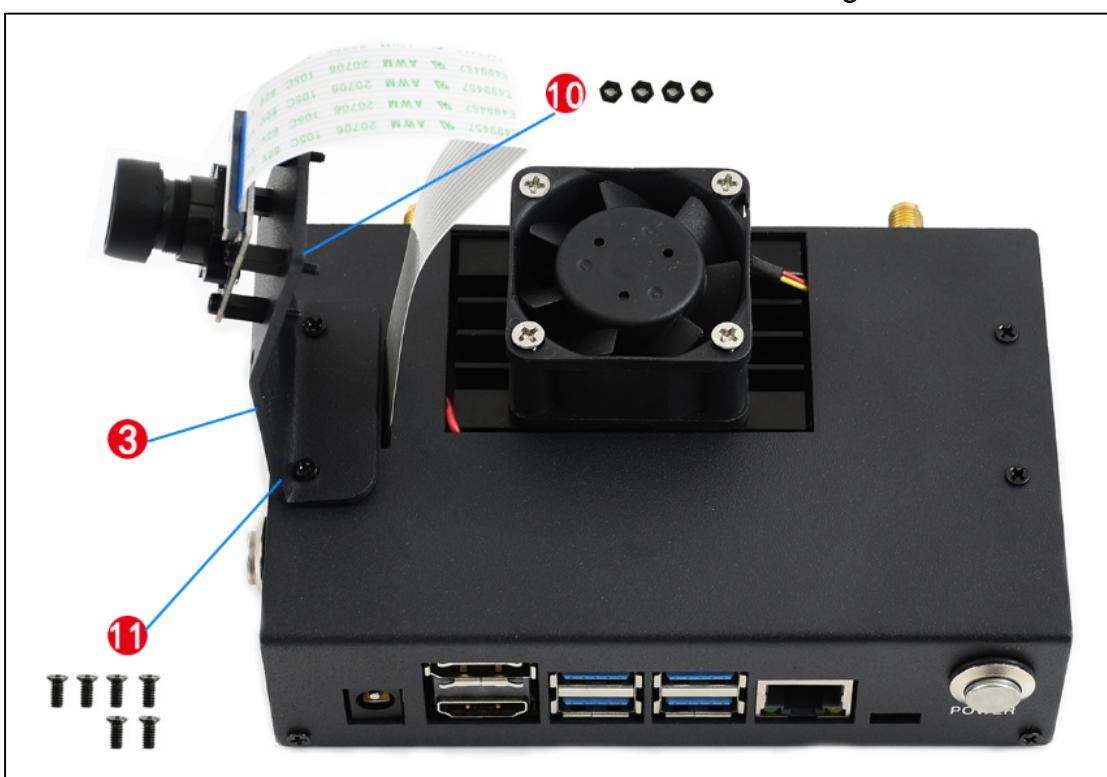


3.9 Fix the nylon screws and studs to the camera.

!! Note: It cannot be replaced with other conductive screws here to avoid the camera short circuit.



3.10 Fix the camera to the camera bracket with a nylon nut, and fix the camera bracket to the metal case. Fix the top cover of the metal case with screws and connect the camera cable to the camera. As shown in the figure below.



3.11 Finally, attach the non-slip rubber to the bottom of the case to complete the installation.