JETSON-ORIN-CASE-A

How to Assemble



1. Before assembling, you can first confirm that all the accessories are complete.



Among them, the list of ⑬ screw packages includes:

1. Jumper cap
2. M3 screws
3. M2 nylon pillar
4. M2 nylon screws
5. M2 nylon nut
6. M3 black flat-head screws
7. M2.5 silver screws

2. Remove the base of the Jetson Orin Nano/NX and also remove the PCB antenna of the wireless card. Please keep the removed parts for future after-sales and service purposes to restore the board when needed.
3. Install the IPEX4 to SMA cable to the front plate. To fix the SMA connector, you need to unscrew the fixed nut of the cable and lock it on the outside of the front plate. The other end of the IPEX4 to SMA cable is connected to the wireless card on the back.
4. Fix the Jetson Orin Nano/NX module to the aluminum bottom case with M2.5 silver screws, and simultaneously fix the front plate to the aluminum bottom plate with M3 black flat-head screws.
5. Insert a jumper cap into the AUTO ON and DIS pins on the module. Unscrew the nut with the LED button and secure it to the back plate. Connect the button wires to the PWR BTN/GND and LED pins on the module.

   Note that the red wire should be connected to LED+, the black wire to LED-, and the yellow and blue wires are for the button, with no specific order required.

   After connecting the button, use M3 black flat-head screws to secure the lower part of the back plate to the aluminum bottom case.

6. If you need to connect a camera, secure the camera ribbon cable to the camera interface through the hole on the right side. Ensure that the metal side of the ribbon cable is facing downward.
7. If you need to connect a camera, secure the camera holder bottom mount to the aluminum top case using M2.5 silver screws.
8. If you need to connect a camera, use the provided nylon screw set to secure the camera to the camera holder top mount. Make sure to insert nylon pillars between the camera and the bracket to prevent the camera from short-circuiting.

   Do not use metal screws in this step. Otherwise, the camera may short circuit, and the device may be damaged.

9. Fix the camera holder top mount onto the camera holder bottom mount and tighten them together using M3 screws. During use, users can loosen the screws to adjust the bracket's angle as needed.
10. Install the aluminum top case onto the bottom case, ensuring the correct orientation. Then, use M3 black flat-head screws to securely fasten the upper side of the side panels. Connect the other end of the camera ribbon cable to the camera, and attach the antenna.
11. Finally, users in need can attach non-slip rubber pads to the bottom.



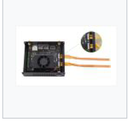
Install the antenna cable



Attach the module to the case



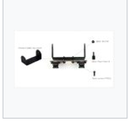
Install the button with 4PIN wires



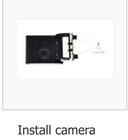
Install camera cable



Install camera holder bottom mount



Install the camera



Install camera holder top mount



Install aluminum case-top



Attach the non-skid pads

Support

Technical Support

If you need technical support or have any feedback/review, please click the **Submit Now** button to submit a ticket, Our support team will check and reply to you within 1 to 2 working days. Please be patient as we make every effort to help you to resolve the issue.
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