

# Raspberry Pi 5 PCIe to M.2 expansion board installation steps

## Installation steps

(Here mainly shows the installation steps of Raspberry Pi and M.2), and the chassis combined with the specific installation to see the installation video of the data

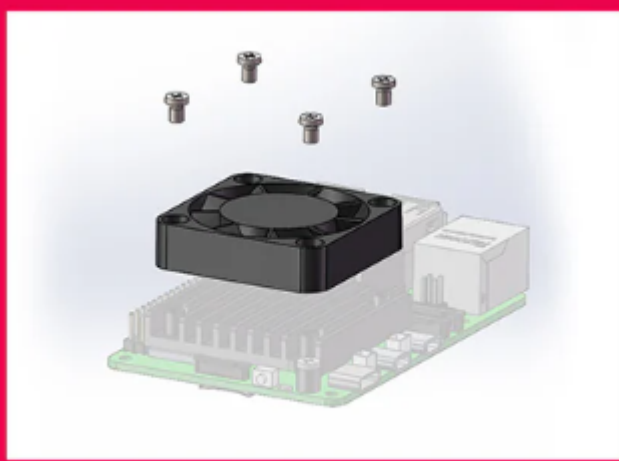
Before using the Raspberry Pi 5 PCIe to M.2 expansion board, you need a **Raspberry Pi 5**



1. Turn off the power of the Raspberry Pi, unplug all the cables connected to the Raspberry Pi, and then start the installation
2. If you want to use the Raspberry Pi cooling fan, install the cooling fan first, and then install PCIE. If you do not install the cooling fan, directly see **6. Install the M.2 solid-state drive to the expansion board.**
3. Install the active radiator

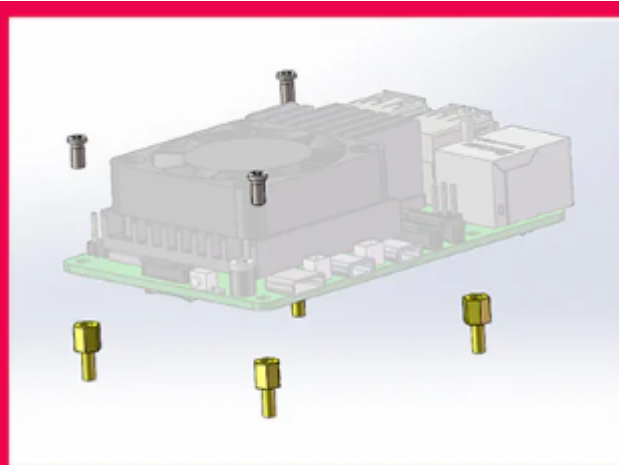


4. Install the fan.



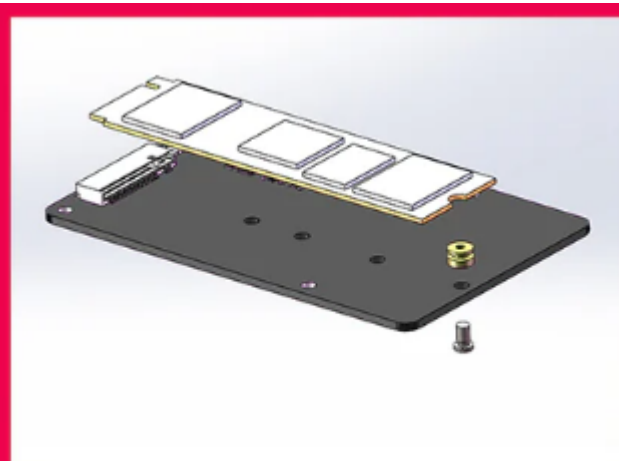
② Install fan (optional)

5. Install the copper pillars



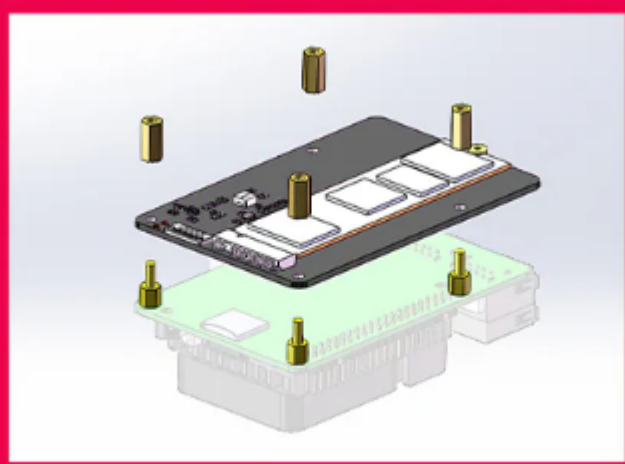
③ Install screw copper column

6. Install the M.2 SSD to the expansion board



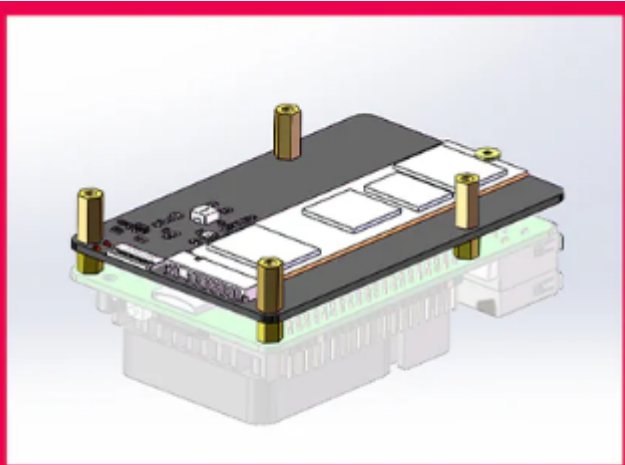
④ Install M.2 SSD

7. Install the copper pillars to fix the expansion board



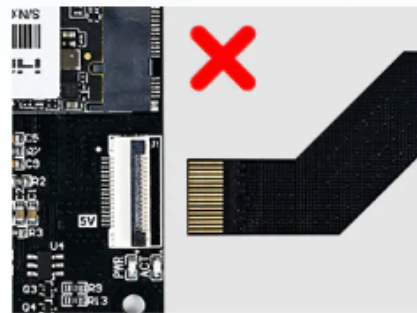
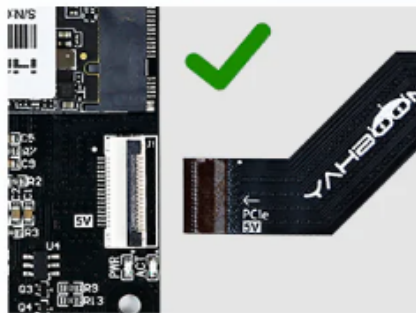
⑤ Install screw copper column

8. The final installation effect diagram



⑥ Installation completed

9. Install the expansion board cable



Note: When connecting the cable, ensure insert it correctly. It will not work if connected in reverse and may cause malfunction and damage.

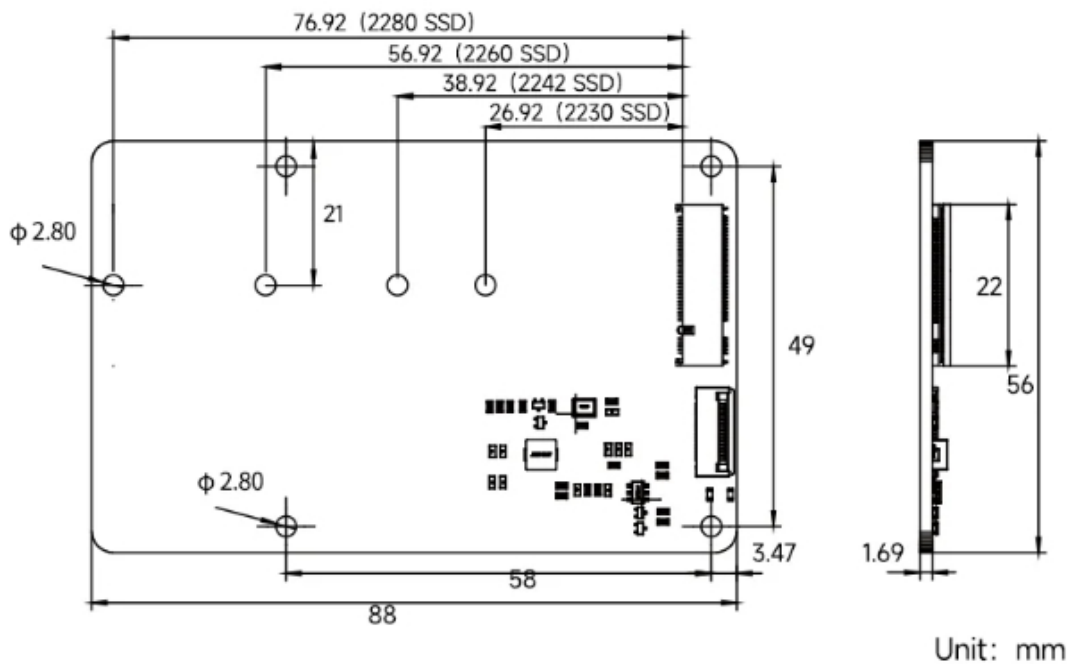
10. Install the Raspberry Pi cable (the side with RPI5 facing up)





**Note:** Do not hot-swap the PCIE board and nvme solid state drive, as this may damage them.

## Product Parameters



Raspberry Pi 5 PCIe to M.2 Adapter Expansion Card			
M.2 M-Key	NVMe protocol, supports M.2 SSD hard disk (2230/2242/2260/2280)	SSD function	Support SSD boot system and storage expansion
LED indicator	Power indicator, ACT SSD status indicator	M.2 device power supply current	3A
PCIe 2.0 interface rate	Theoretical peak transfer rate 500MB/s	Compatible with PCIe standard	Gen2 and Gen3
FPC line parameters	0.5mm spacing FPC line	Screw copper column	4PCS M2.5*10 dual-channel 4PCS M2.5*5+6 single-channel
Dimensions	88mm*56mm*1.7mm	Weight	5.2g

M.2 SSD			
Interface	M Key	Protocol	NVMe
Dimensions	2280, Specific specifications 22×80 (mm)	Storage capacity	256GB

