



Yet another OrangePi 5 case



Ceez

[VIEW IN BROWSER](#)

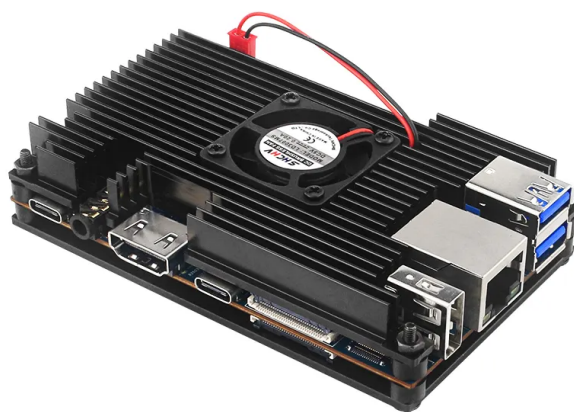
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Summary

Just a nother orange pi 5 case that can utilize the aluminium custom heatsink from aliexpress

[Hobby & Makers](#) > [Electronics](#)

When you search the aluminium case for orange pi 5, you will get a few results like this

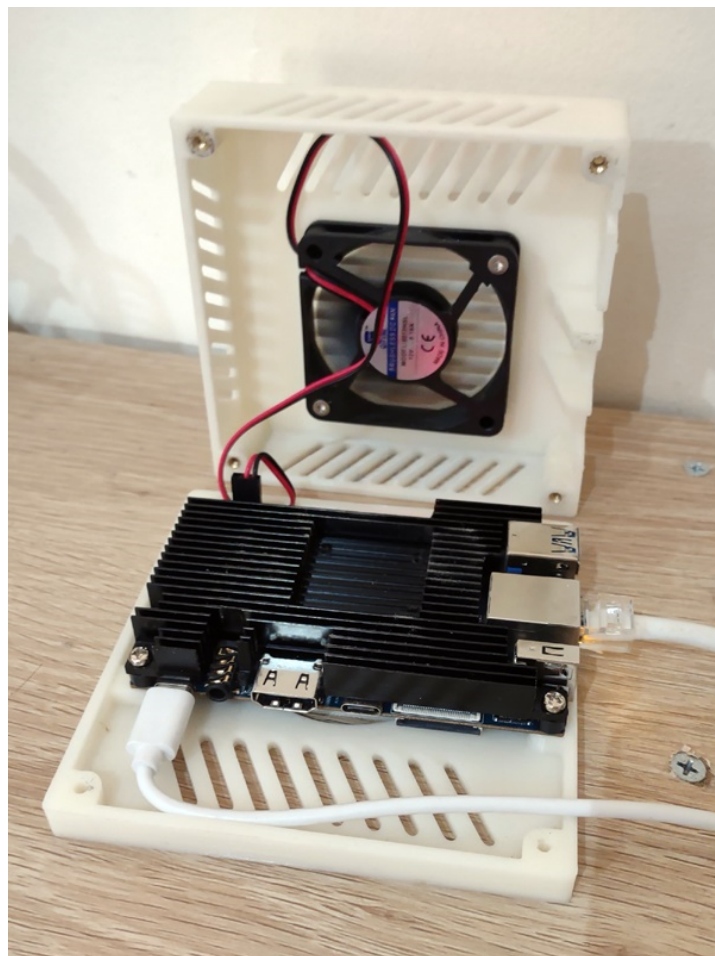
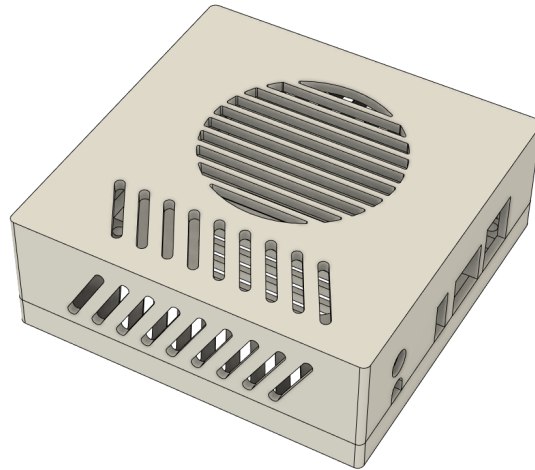


If you are like me, this is not a case. Well, I gotta admit this “heatsink” looks groovy and all. It covers everything on the board. I like this as a heatsink but not as a case.

Beside that, I don't like the way orange pi 5 has connectors exposed on 2 edges of the board. It looks neat without anything attached, but if you plug

in stuffs, like, USB-A cable for a 3D printer, ethernet cable, HDMI cable and USB-C power cable, etc... it becomes so frigging ugly.

So, my case is to fix this.



What you will need:

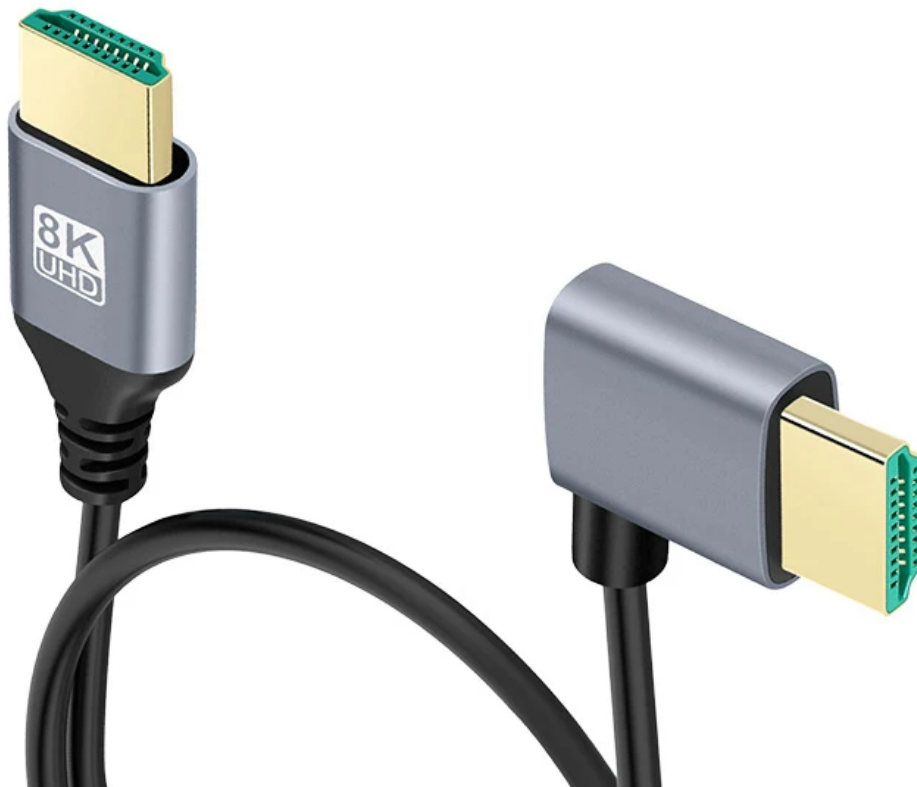
- M3 x 16mm countersunk head - 4pcs

- M3 x 8mm countersunk head - 2pcs
- M3 x 12mm philips - 4pcs
- M3 brass insert - 10 pcs

You can convert the USB-C cable to a 5mm barrel female jack for use with conventional 5v 4A wall adapter.



You can run A HDMI cable into the case with help of 90deg HDMI adaptor at the HDMI port.



I run this Opi5 as a webserver for my wordpress blog and a few services, so yeah, no need to connect a monitor at all since everything can be SSH-ed remotely.

This also fit 6010 fan, which I use 12v fan and connect to 5v rail on the board. It spins very slow but extremely quiet, it barely gets warm anyhow.

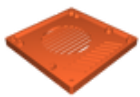


The bottom of the case is high enough to clear NVMe 2230. Running on SSD helps decrease response time of my webserver a lot.

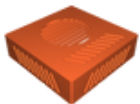
As this SBC is quite powerful, running this board as a 3d printer host is kinda waste, hence wall mount was not my intention when design this case.

Well, feel free to modify it to your heart's content.

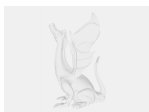
Model files



orangepi5_case_bottom.stl



orangepi5_case_top.stl



orangepi5-case.f3d

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