

Aluminum Heatsink Case for Raspberry Pi 4 - Black

PRT-15773

Why use a heatsink and a case, when you can use a heatsink case?! This black, anodised aluminium case for the Raspberry Pi 4 will give you 10-15°C of passive cooling under a full CPU load. This case is great for situations where you want completely silent cooling, like home media centers.

It comes with a thermal pad to provide thermal contact between the CPU and top case, and a handy Allen Key and set of hex bolts to attach the case together.

The case gives you access to all of the ports, pins, and connectors. You can just about get away with using low-profile HATs and pHATs (those without bulky components on the underside) using one of our tall headers, but be extremely careful not to short any components on the metal top case!

INCLUDES

- Anodized Aluminum Enclosure
- Hex Bolts
- Allen Key
- Thermal Tape

FEATURES

- Anodized Aluminum top and bottom case in Black
- Heatsink fins
- Thermal pad
- Hex bolts and Allen Key included
- Access to all ports, pins, and connectors
- Compatible with Raspberry Pi 4



Assembling the Heatsink Case

Our heatsink case for Raspberry Pi 4 is a really effective way to silently cool your Raspberry Pi 4, and it looks pretty slick too. Let's learn how to assemble it!

Assembly takes just a couple of minutes, and all of the tools and bits you need are included with your case.

Because the case is metal, and hence conductive, **it's really important that you fit the case while your Pi is powered off and unplugged**, otheriwse you'll risk shorting components against the case and damaging your Pi!



Attaching the thermal pad

Your case comes with a couple of thermal pads, that are used to make thermal contact between your Raspberry Pi 4's CPU, and the aluminium top case.

Note that you'll just be using *one* of the thermal pads on the CPU! Keep the other as a spare.

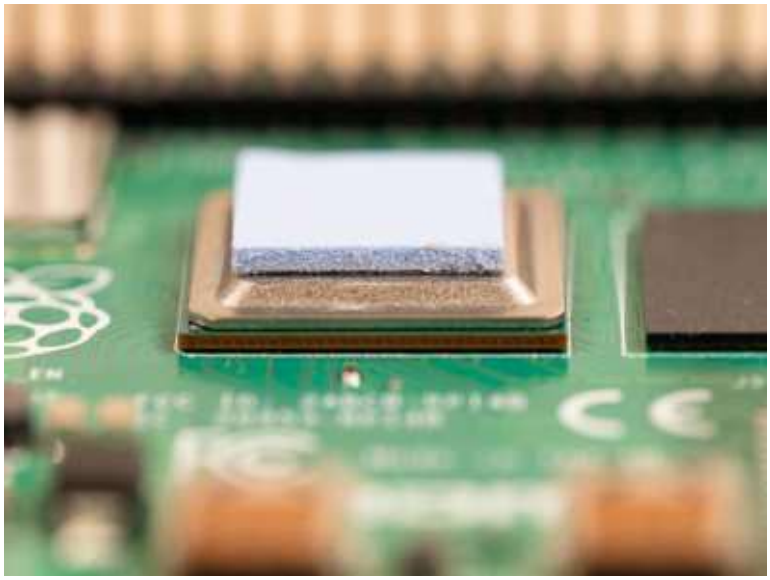
The best way to apply the thermal pad is to **stick it to the CPU on your Pi**, rather than trying to stick it to the case, as there's no way you can position it wrongly this way.

Peel the protective film/paper off **both sides** of the blue thermal pad.

As well as the white paper on one side, there's a thin, clear plastic film on the other side, and it's important to peel this off too, to make proper thermal contact.

Stick the side that had the white paper on onto your Pi's CPU (it's the stickier of the two sides).



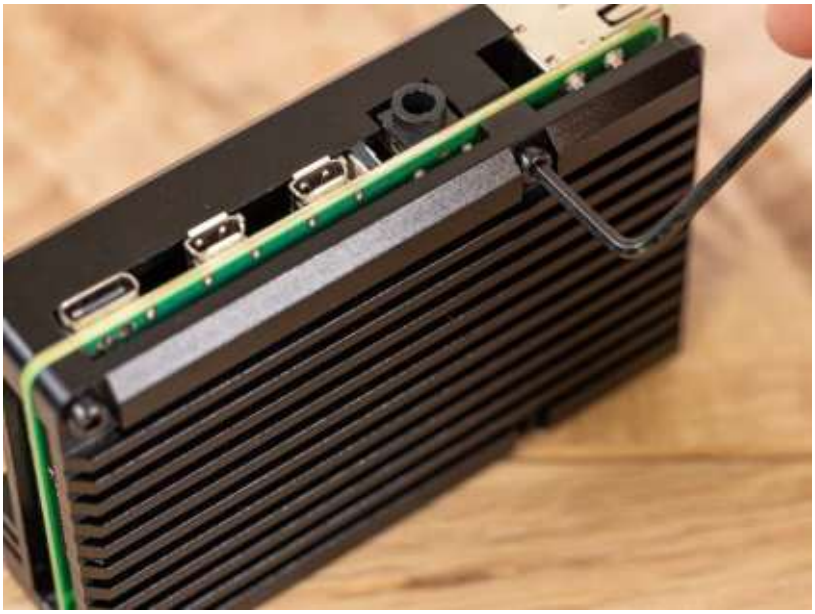


Fitting the case

The top case is the taller piece with the cutout for the Pi's GPIO pins. Position it on top of your Pi, with the posts lined up with the four mounting holes on your Pi.



Flip the whole thing over, position the bottom case (make sure the mounting holes are the right way round), and then screw in the four hex bolts using the little allen key that's included.



Your case is now fully assembled and ready to go!

