Orange Pi 5/5B case V3

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VIEW IN BROWSER

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Summary

Case that has space for an NVMe drive, a clip-in lid that can also be secured with screws, and support for 30/40mm fans.

Hobby & Makers > Electronics

Tags: case orangepi5

2023-04-19 V3 - I am pleased to share with you the latest updates for the V3 model of 5/5B variants. Here are the key improvements that have been made:

The annoying PCB clips have been removed.

A clip has been added to the top for Wifi antennas on 5B.

The top has been thickened to flex less.

Internal walls now have an additional 0.2mm room for the board, making it easier to insert the board.

The button has been improved for ease of use.

We now have short/tall and with-ssd/without-ssd lid variants available. Antennas clip in action: https://www.reddit.com/r/OrangePI/comments/12skkb7/orange_pi_5b_case_update_v3_enjoy/

Here are the updates for the **V2** model:

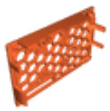
Addition of a power button
- Improved SD card access
- Removable SSD lid that clips in place
- Support for 40mm and 30mm fans
- Two height variants, with the taller model able to fit 3020 or 4020 fans easily (although not yet tested).

Required hardware:

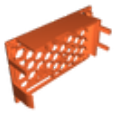
- Short M3 screws to hold the unit base and more if you want to secure the lid.
- Optional 30x10mm 5v fan. I have 30x8mm fan that fist inside

Video Demo putting it together: The OrangePi micro PC (reddit.com)

Model files



v3-ssd-nossd-short-top.3mf



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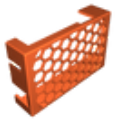


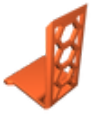
v3-nossd-short-bottom.3mf

v3-nossd-tall-bottom.3mf

v3-ssd-short-bottom.3mf

v3-ssd-short-lid.3mf

v3-ssd-tall-bottom.3mf

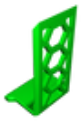


v3-ssd-tall-lid.3mf

v3-button.3mf

v2-top.3mf

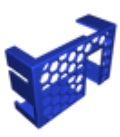
v2-bottom.3mf



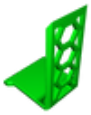
v2-ssd-lid.3mf

v2-button.3mf

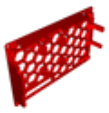
v2-tall-top.3mf



v2-tall-bottom.3mf



v2-tall-ssd-lid.3mf



v1-top.3mf

v1-bottom.3mf

orangepi-5-case-v1.f3d

orangepi-5-case-v2.f3d

orangepi-5-case-v2.step

orangepi-5-case-v3.f3d

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