



Prusa Enclosure - Raspberry Pi 4 snapfit case



Rannas

[VIEW IN BROWSER](#)

updated 10. 5. 2024 | published 10. 5. 2024

Summary

Designed a easy to add the RaspberryPi version with a snap fit case for the org. Prusa Enclosure. (any M3 works)



1.17 hrs



2 pcs



0.20 mm



0.40 mm



PET



28 g



Prusa MK4

[3D Printers](#) > [Prusa Parts & Upgrades](#)

Tags: [prusa](#) [enclosure](#) [pi](#) [rasberrypicase](#) [rasberrypi4](#)
[pi4b](#) [enclosuremodification](#) [orginalprusaenclosure](#)

Closed this one, can be found here:<https://www.printables.com/de/model/870348-combinable-raspberry-pi-4-snapfit-case-easy-to-add>

I designed another RaspberryPi Case that fits in the Prusa Enclosure (or any other M3 driven screw/insert), because I was not happy with what I found. I designed this one to add the RaspberryPi easily without harming it.

In many cases I found, I have to choose violence to bring it in. Here I designed the holding pins upside down, so you can easily add the raspberry without any pressure.

Print instructions

Printed with PETG Prusament

0.20 mm layer height

Support for the SD-Card slot and the side openings on the bottom part are added to the gcode files.

BoM

1 M3 heat-set insert. I used from Ruthex M3x5.7 (any other will do, if not longer than 5.7mm and a diameter of 4mm)

1 M3 8mm screw for the original Prusa Enclosure (you can choose what suits best)

This remix is based on



Combinable Raspberry Pi 4 snapfit case - easy to add the Pi

by Rannas

Print files



bottom_rasp_prusa_encl_04n_02mm_petg_mk4is_1h10m.bgcode

 PET  0.40 mm  0.20 mm  1.17 hrs  28 g  Prusa MK4

☐ Only the bottom part, top part can be found in org. upload



complete_rasp_prusa_encl_04n_02mm_petg_mk4is_2h4m.bgcode

 PET  0.40 mm  0.20 mm  2.07 hrs  54 g  Prusa MK4

☐ complete case

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition