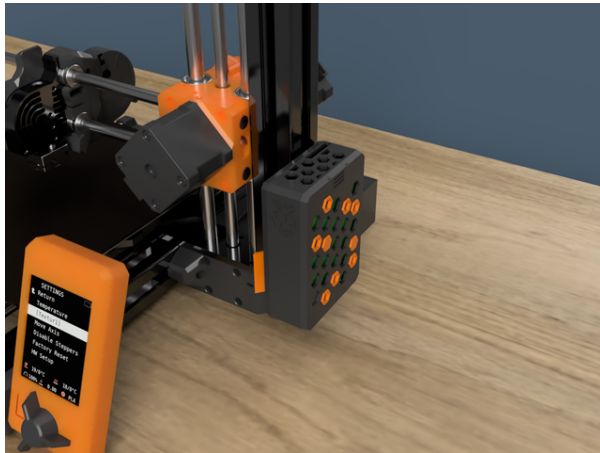




PRUSA MINI Raspberry Pi 4 B case and mount



JayCee09

[VIEW IN BROWSER](#)

updated 13. 2. 2022 | published 13. 2. 2022

Summary

Tired of your Raspberry Pi dangling around? Here's the solution ;-) A cool and customizable case for your Raspberry Pi



5.47 hrs



2 pcs



0.20 mm



0.40 mm



PET



53 g



Prusa MINI /
MINI+

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Tags: [mount](#) [raspberrypi](#) [octoprint](#) [raspberrypi](#)

[raspberrypicase](#)

[raspberrypi4](#)

[prusamini](#)

[octoprintcase](#)

[prusaminimod](#)

[raspberrymount](#)

Designed for Prusa MINI/MINI+

Main features

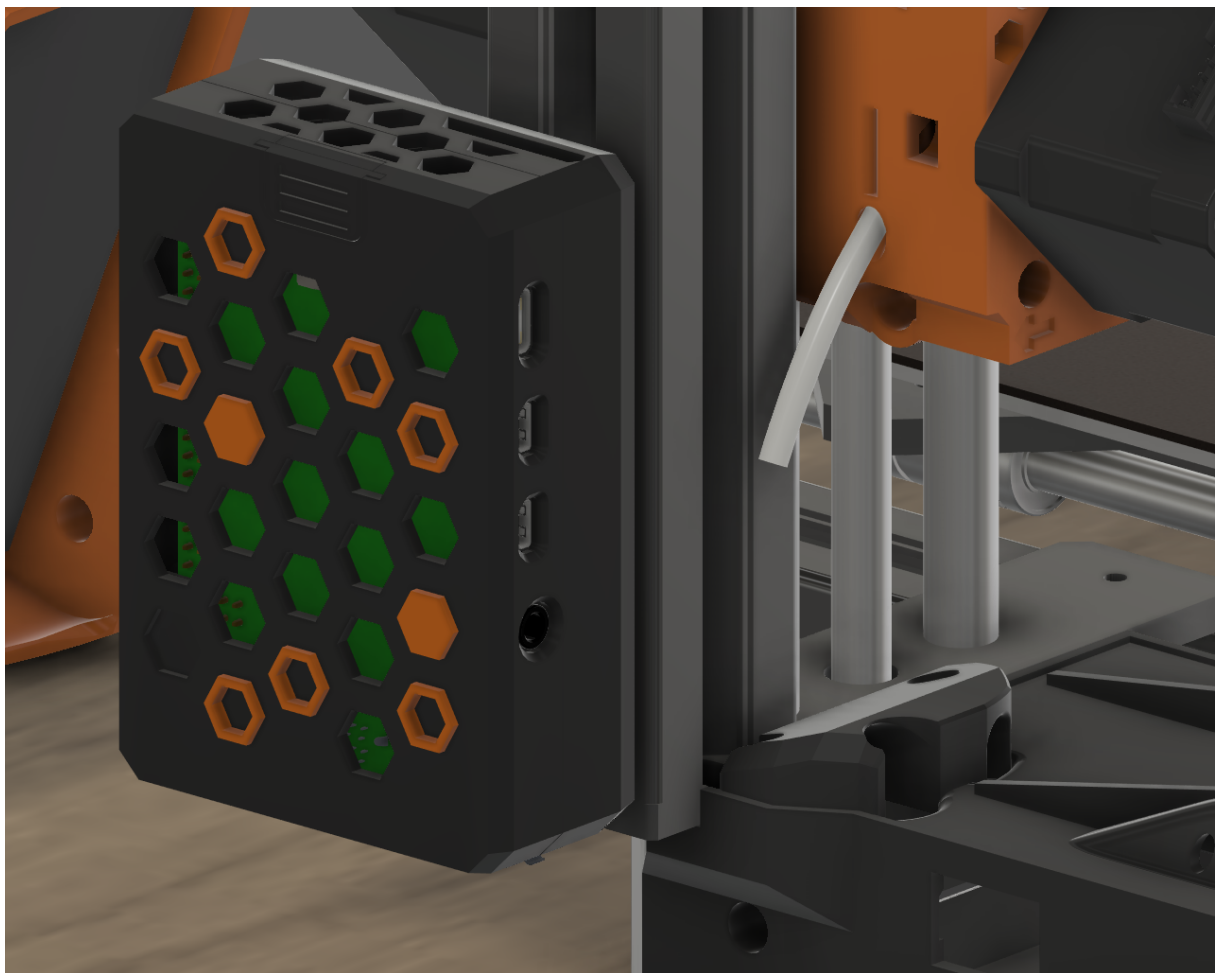
- Easy to attach and detach from 30x30 aluminum extrusion of the MINI's z axis, no screws are necessary!
- Easy access to the Pi's SD card, no more disassembly required!

- In case you are also using a PiCam module, a dedicated version featuring a hole for the flat cable is provided.
- The Pi case is divided in two halves to insert the Pi easily and match perfectly with each other: attached via zero-gap Snap-fit joints.

If you like this design, please consider buying me a coffee to support me in the creation of many other useful designs as a sign of gratitude for the huge amount of time and effort. Thank you very much and happy printing!

Updates

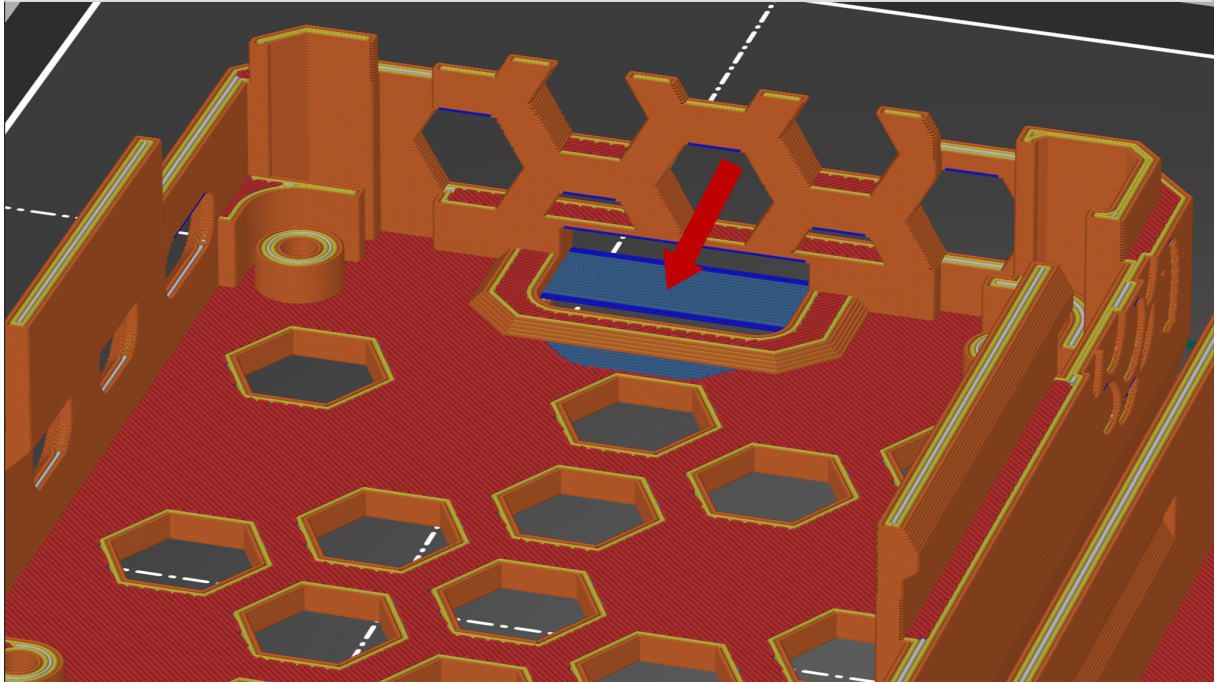
13/02/2022: Redesigned **T-Slot-Clip** so that the PTFE tube does not interfere with the cables on the side of the Raspberry Pi (see picture below).



Printing

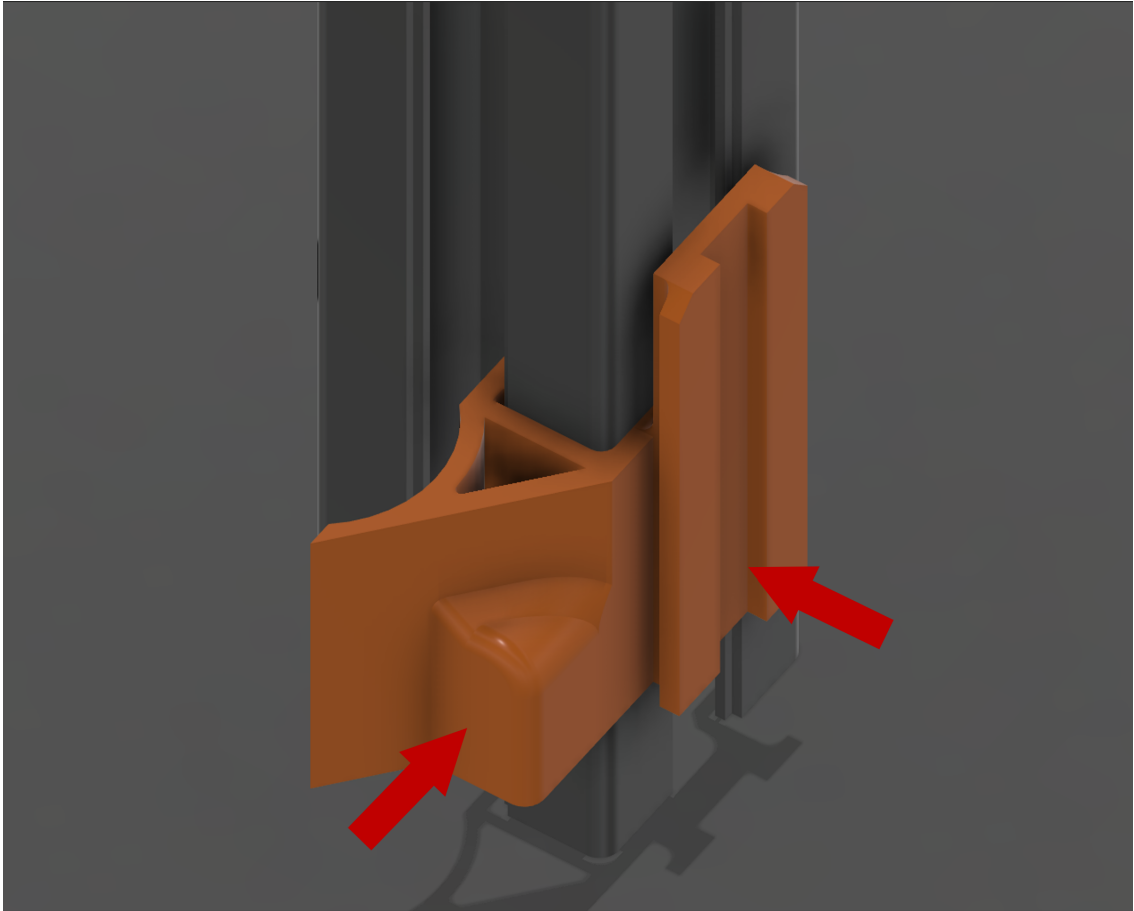
- Layer height: **0.2** mm;
- Material: **PETG** (recommended), **PLA**;
- Supports: Only for the **MicroSD-cover** overhangs;
- Orientation: the models are already in the proper orientation.

In the **Lower-case** there's a 0.2 mm thick bridge to prevent the corners of SD card slot from falling making too difficult the insertion of the **MicroSD-cover** (see picture below). Once print finishes, just cut it out as if it were a support.

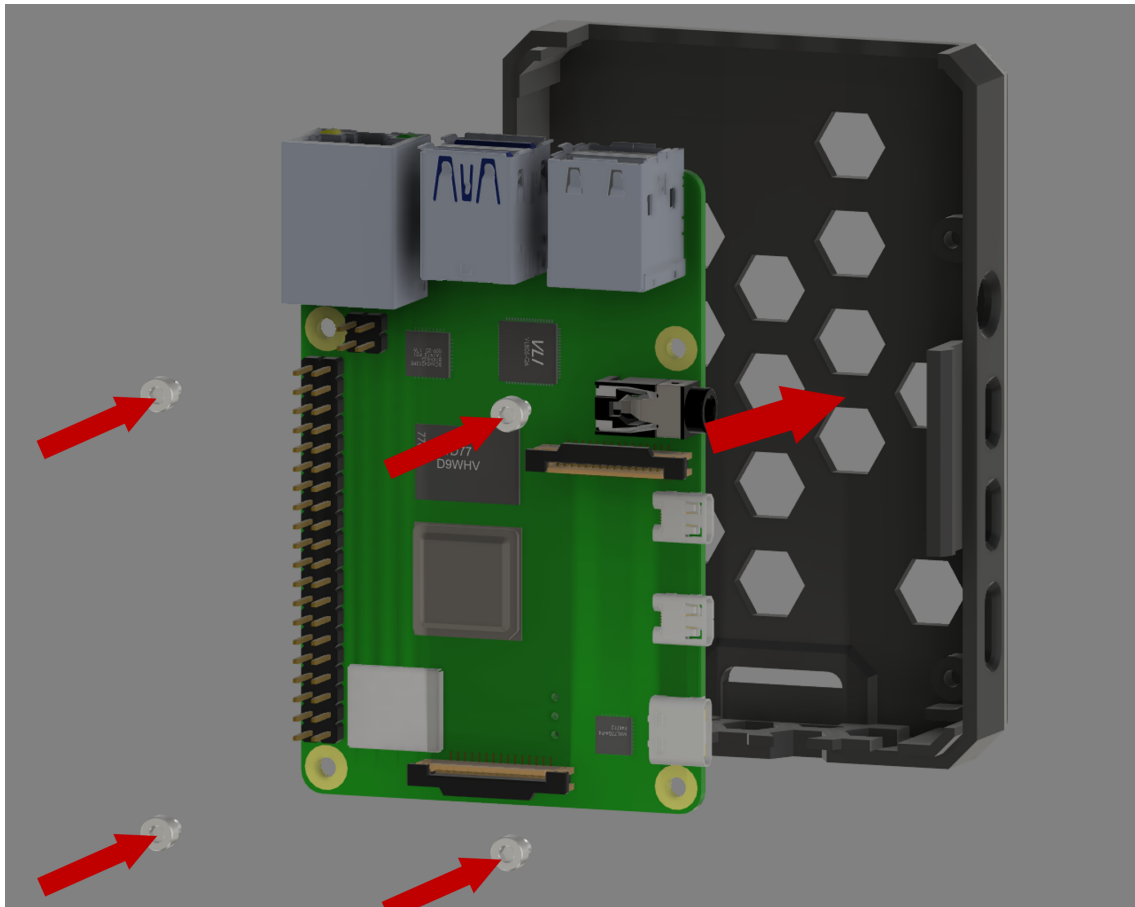


Assembly

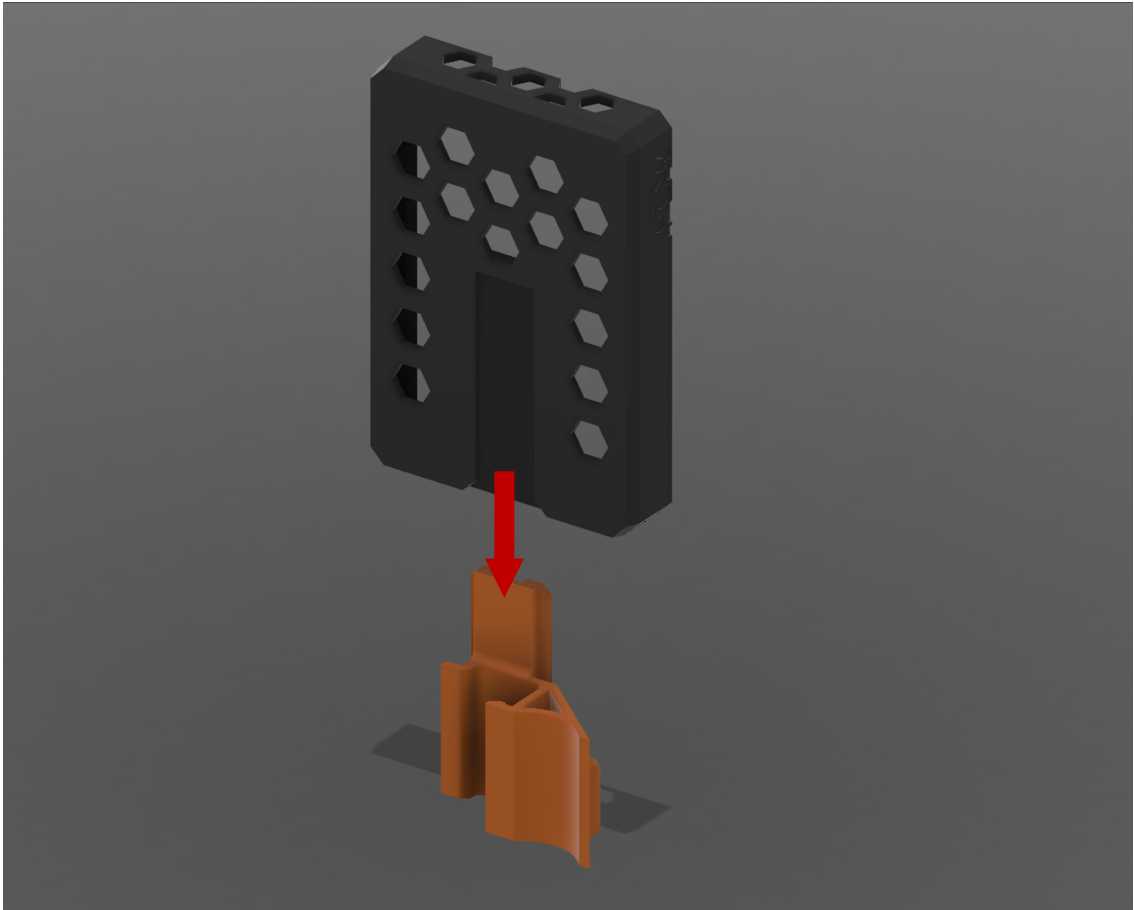
1. Attach the **T-Slot-clip** to the aluminum extrusion;



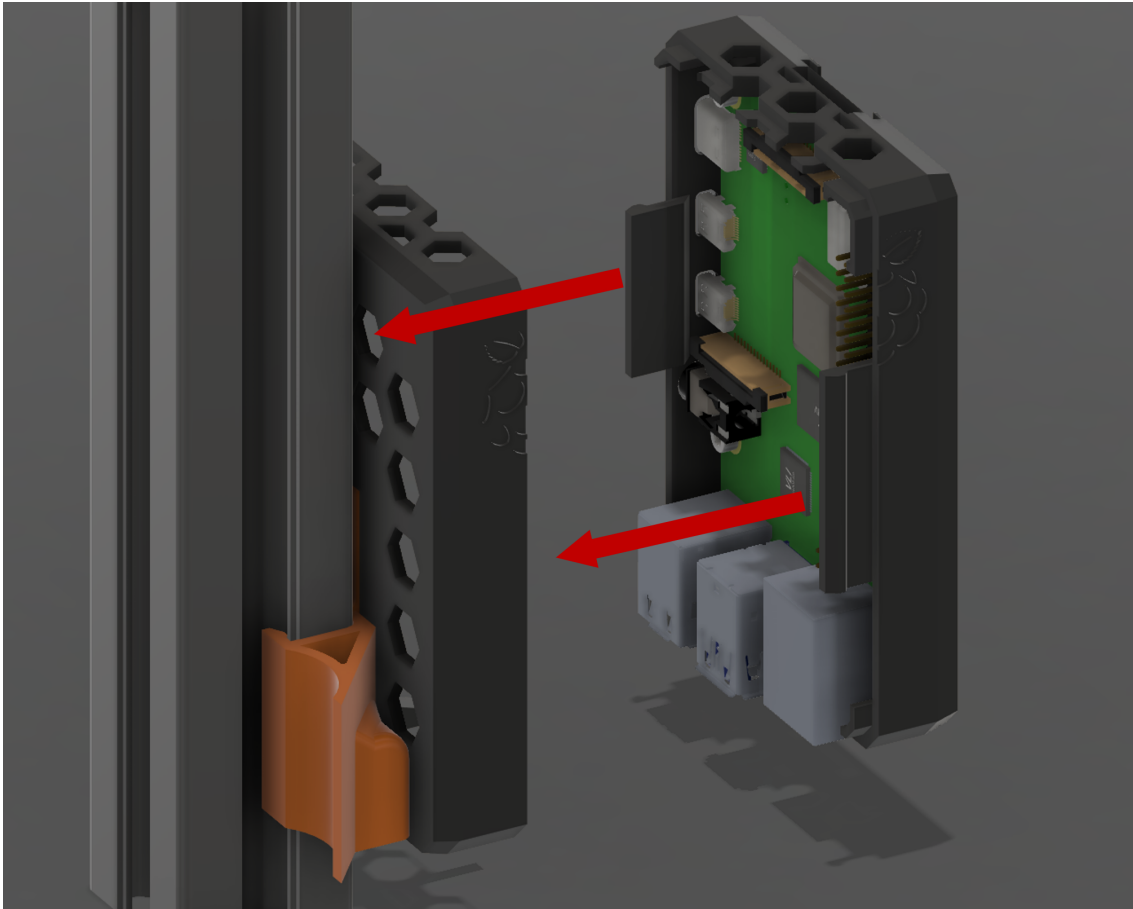
2. Insert the Pi into the **Lower-case** and secure it with four **M2.5x4 mm screws**;



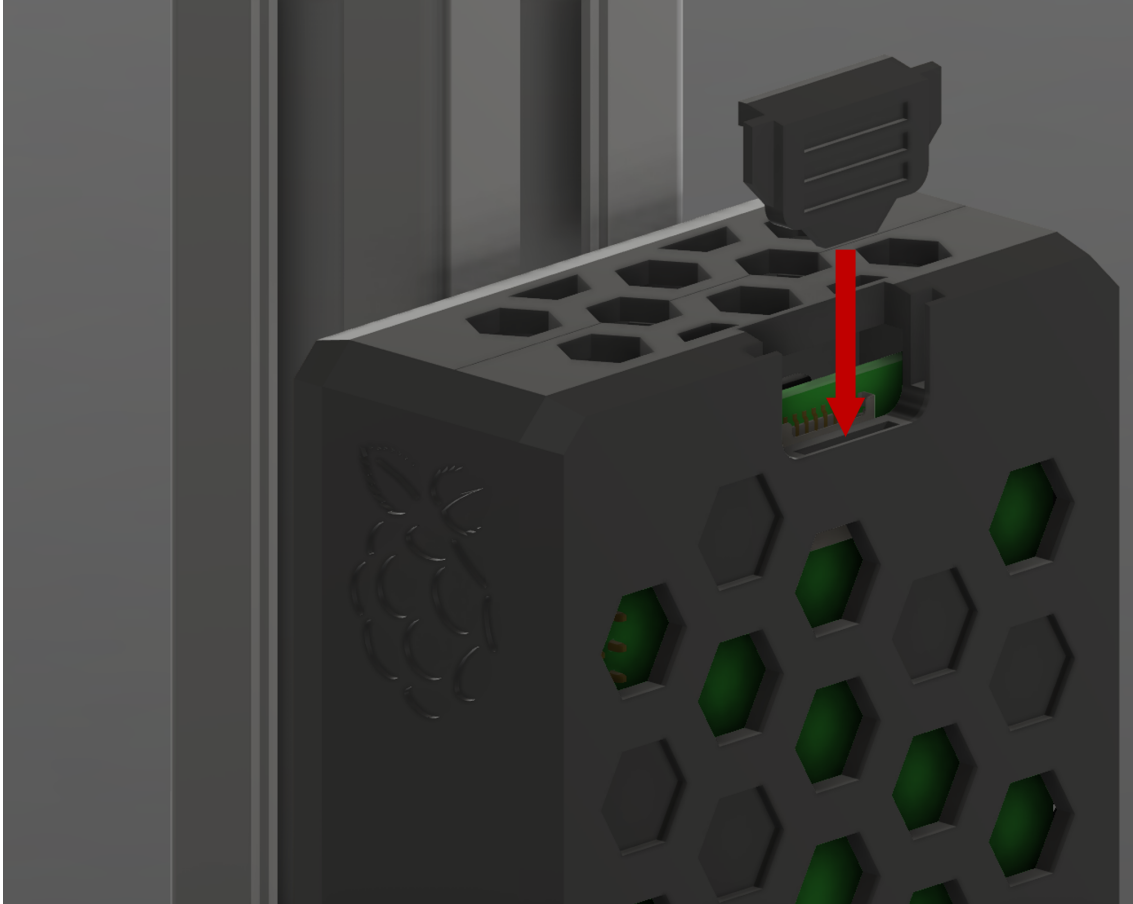
3. Slide the **Upper-case** into the **T-slot-clip**;



4. Take the **Lower-case** with your Pi attached and join it to the **Upper-case** by simply pressing them together;

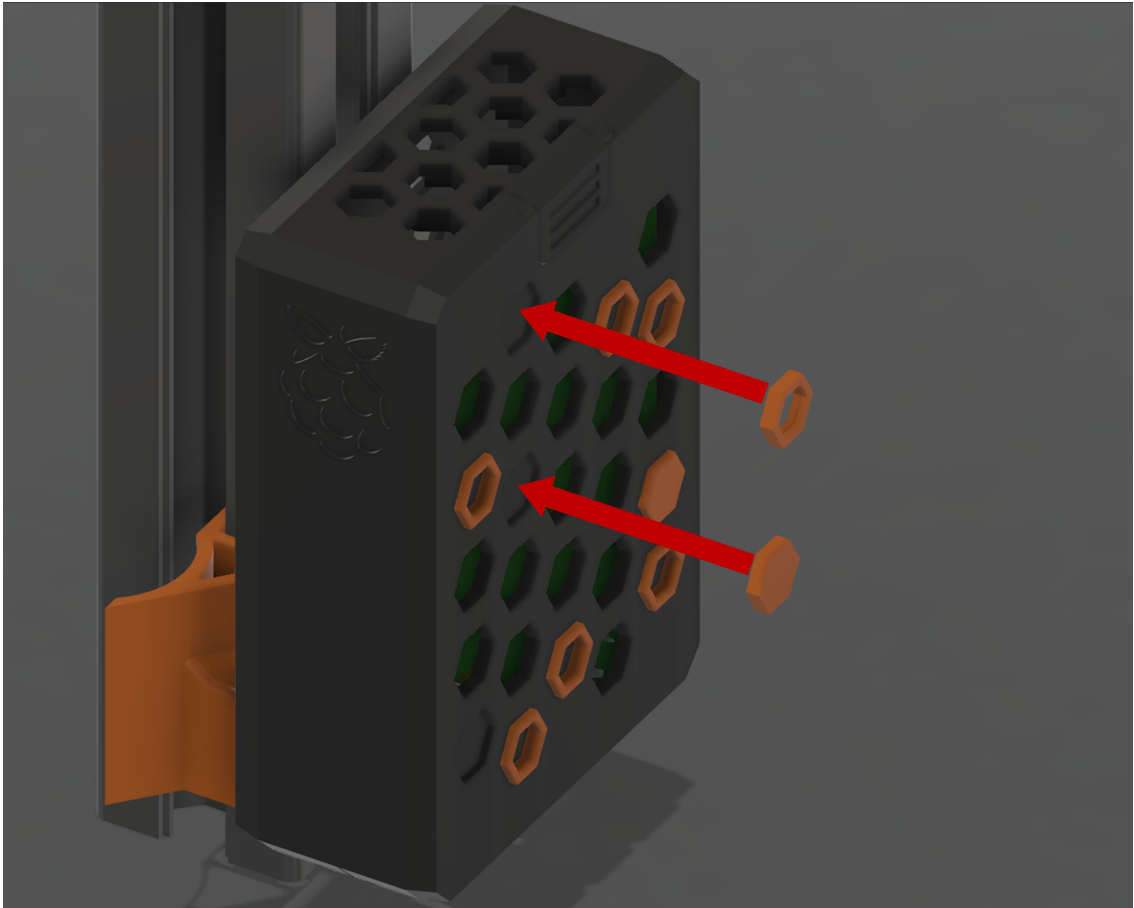


5. Insert the **MicroSD-cover** into it's slot in the **Lower-case**;

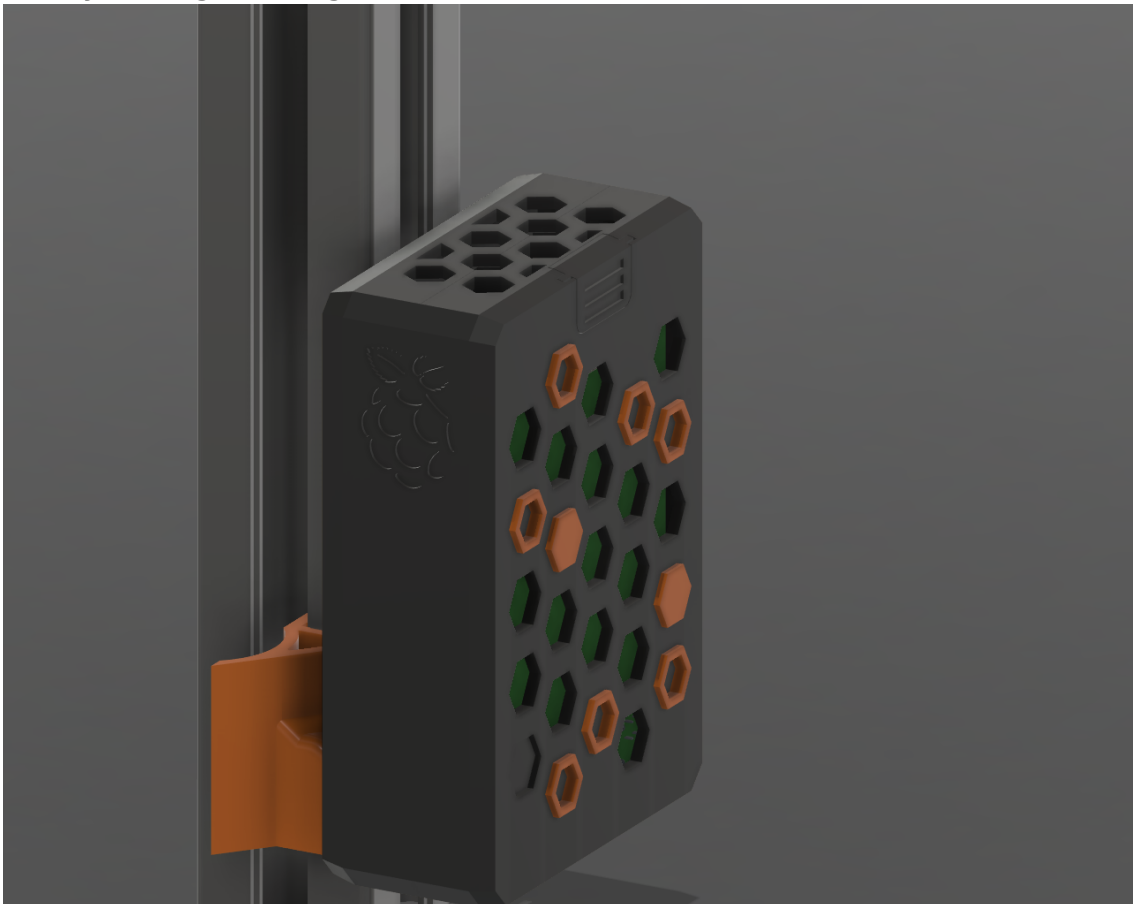


6. Insert the **Hexagon** or **Hexagon-hole** into their slots on the **Lower-case** in whichever pattern you like (you might need to glue them to

the **Lower-case** depending on your printer accuracy);



7. Now you're good to go ;-)

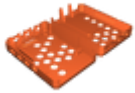


If you are looking for a **universal RaspberryPi4/Octoprint case** I suggest you to give a look at this design too: [Raspberry Pi 4B/Octoprint Honeycomb case da JayCee09](#) | [Scarica il modello STL gratuito](#) | [PrusaPrinters](#)

Pro tips

- **PETG** can cause a little bit of strings, to remove them you may just use a wind-proof lighter and they will disappear magically ;-)

Model files



rpi4-case.stl

☐ All case's parts



rpi4-case-accessories.stl

☐ All accessory parts



t-slot-clip.stl



lower-case.stl



upper-case_camcable.stl

☐ Version with hole for RasPi cam's flat cable



upper-case.stl

☐ Version without flat cable's hole.



microsd-cover.stl

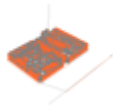


hexagon-hole.stl



hexagon.stl

Print files



rpi4-case_02mm_petg_mini_4h7m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 4.11 hrs ⚖ 43 g 🖨 Prusa MINI / MINI+



rpi4-case-accessories_02mm_petg_mini_1h21m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 1.36 hrs ⚖ 10 g 🖨 Prusa MINI / MINI+

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