

## PC Engines APU4C4 Case with SSD Hotswap frame, perfect Firewall

j joey

VIEW IN BROWSER

updated 12. 4. 2022 | published 29. 3. 2020

### Summary

Perfect DIY Case for this nice little Mainboard. Perfect for Building a nice Firewall with PFSense or IPfire.

[Gadgets](#) > [Computers](#)

Tags: [case](#) [apu4c4](#) [apu4d4](#)

Perfect DIY Case for this nice little Mainboard. Perfect for Building a nice Firewall with PFSense or IPfire.

4gB Lan Ports and a nice amount of speed and flexibility. You just need an old Nortbridge cooler or something like that. Redesign the CPU Clip to fit it. Also solder a Power Cable to the 2Pin header on 5 Volt and buy a short Sata Cable.

Then you are good to go and have a nice Case for 2.5" HDD or SSD. Works like that. Just redesigning right now to add a 30mm Fan for better Cooling.

Afiliate Links:

<https://amzn.to/2Ob8cfy> System Board

<https://amzn.to/2O9m0qO>

<https://amzn.to/2HLFIYP> Sata Cable

## Print instructions

Unassociated tags: pfsense firewall

## Category: Electronics Print Settings

**Printer Brand:** Prusa

**Printer:** I3 MK3S

**Rafts:** No

**Supports:** No

**Resolution:** 0.2mm to 0.1mm

**Infill:** 20%

**Filament:** Vertex PLA and ABS white

### Notes:

Print the CPU Clip in ABS.

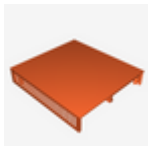
## Model files



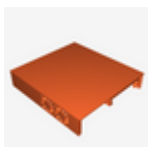
**cpuclip.stl**



**case\_bottom05.stl**



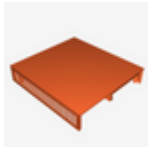
**casetop.stl**



**casetop\_fan\_redesign\_petg\_thicker\_walls.stl**



**casetopfarbe2.stl**



**casetopfarbe1.stl**

[Find source .stl files on Thingiverse.com](#)

## License ©

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



**Attribution-ShareAlike**

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