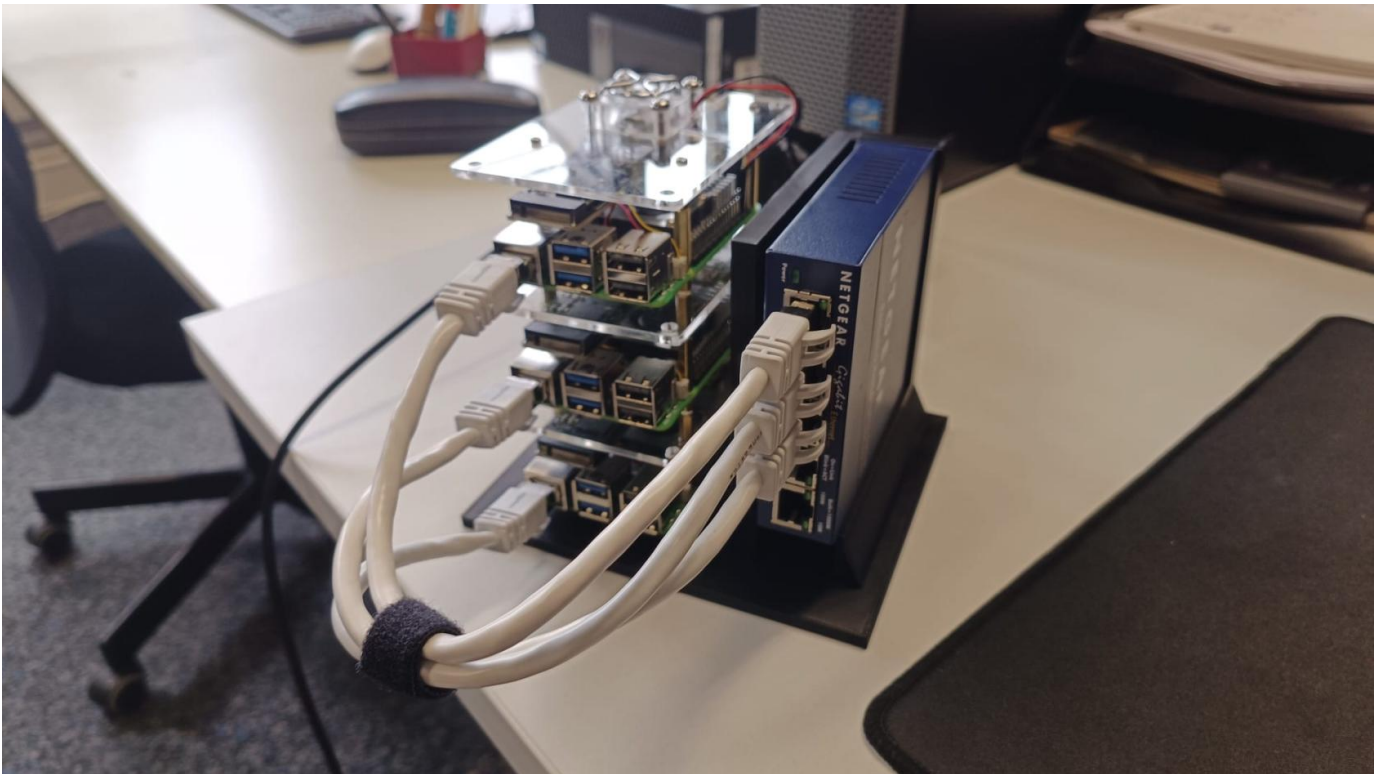


Raspberry Pi Cluster Stack (Freestanding) + 3D Files

All 3D Files in this Post are made by aeoneros! :)

If you like to

Support me you can [Buy me a Coffee](#) :)



Background Information

I initially experimented with Proxmox and VMs at my company, trying out Docker Swarm. Eventually, I decided I really wanted to build a Raspberry Pi cluster. Being a person who likes to get things done quickly, I found the parts for a freestanding Pi cluster and ordered them right away. I immediately set to work designing a baseplate for it and also added a mount for a 5-port switch from Netgear. This is the final version of my freestanding Pi cluster.

Parts List

- **GeekPi Raspberry Pi 4 Cluster Case (4 Layers Acrylic Housing)**
- [Amazon-Link](#)
- Price: CHF 18.92 / USD 22.31



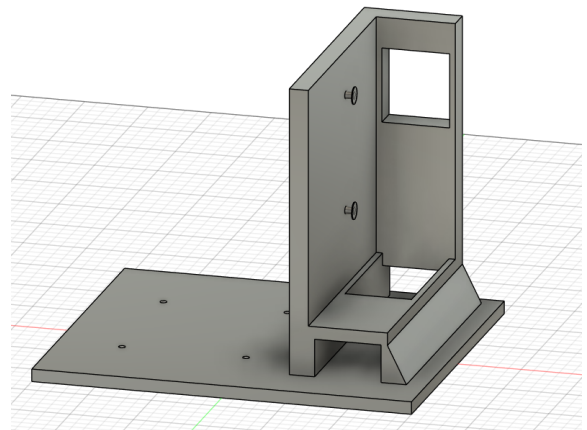
- **Geekworm Raspberry Pi Installation Tool (100 Pcs Hex Brass Spacer/Standoff + Nuts + Screws)**
- [Amazon-Link](#)
- Price: CHF 10.31 / USD 12.17



- **Netgear GS105GE (5Ports)**
- [Amazon-Link](#)
- [Digitec-Link](#)
- Price: CHF 29.- / USD 34.25



3D Files (For Free)



I designed this Mountstand in Autodesk Fusion 360 Student Version and give it away publicly available for free.

You can Access the [Autodesk-Fusion-360 Project](#) when clicking on the [Link](#).

The Password for the Project is "**pistand+aeoneros**".

You can also download the 3D Files directly here on my Website here:

Floor_Plate.3mf

Mount_For_NetgearSwitch.3mf

PI_Stand_FinalVersion.f3d

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