



Mini Network / IT rack



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Summary

Just a mini network rack for mini switch, (NUC and raspberry PI in few days).

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Tags: [switch](#) [raspberry](#) [ethernet](#) [rack](#) [unifi](#) [nuc](#)
[network](#)

24 Feb 2024: Added Raspberry Pi blade, side obturator and extender support to stack 2 or more rack together.

I made this mini network rack for my office.
I created it to be modular and easy for creating new extension.

Use standard IT rack size 1U per blade.
Only M3 screws and nut, adapt size for superposition of elements.

Used for Unifi mini switch:

Unifi Flex XG 10gbe

Unifi Lite 8 POE

I plan to add NUC, Raspberry Pi and ZimaBlade in few days.
I will add extension element to make bigger rack by assembling them.

It's my first 3d creation since 15 years, so it's not perfect but I think it's a good start.

Feel free to suggest me some improvements or reuse it :)

Printed it in PETG on Bambu Lab X1C.
Made 4 walls layer and 20% infill.

Model files



backplane-blade-unifi-flex-gx.stl



backplane-blade-unifi-flex-8-poe.stl



backplane-alim-flex-xg.stl



backplane-blade-switch-mini-poe.stl



blade-unifi-flex-8-poe.stl



front-obturator-1u.stl



blade-alims-flex-xg.stl



wire-blade.stl



blade-unifi-mini-8-poe.stl



stage-roof-floor.stl



blade-unifi-flex-xg.stl



rack-column.stl



expender.stl



raspberry-pi-blade.stl



side-obturator.stl

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