



Versatile mATX PC Rack



Zrjunz1

[VIEW IN BROWSER](#)

updated 28. 10. 2026 | published 28. 10. 2026

Summary

A versatile PC Rack for mATX/ITX Motherboards with ATX PSU - it can be positioned flat or vertically!

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

Tags: [psu](#) [atxpsu](#) [itx](#) [motherboard](#) [atxpowersupply](#) [atx](#)
[matx](#) [pccase](#) [matxcase](#) [itxcase](#) [itxchassis](#)
[itxmotherboard](#)

Purpose

- I designed this rack as a cheap solution to test my components but I have found it held up so well I am using it semi-permanently for one of my PCs!

Print Settings

- I recommend printing in PETG or PETG ESD, standard settings are fine but I used gyroid infill.

Screws Required

- It is designed to bolt together with:
- 15x M3x12mm and,

- 10x M3x16mm screws
- Alternatively you can just use 25x M3x16mm only
- Note you could substitute for other lengths but just make sure there is enough threads engaging for strength

You might also need:

- 4x PSU bolts and,
- 4-8x bolts to fasten the mobo to the frame and,
- 1-4x bolts for PCIe cards or GPU

Mechanical Keyboard Switch Power Button

- I have included a small attachment to fit a mechanical keyboard switch if you wish to use it
- There is a power button keycap with translucent PETG power logo to allow light through the keycap
- You can add a 5mm LED to the switch holder and wire it to your mobo

Warning! Do not overtighten screws.

Model files



versatile-matx-pc-rack.3mf



versatile-matx-pc-rack.stl



power-switch-key-cap.stl

☐ Remember to split into parts in order to print the power icon in a different colour

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-sa/4.0/)



Attribution-ShareAlike

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