10 inch server rack

McBig

VIEW IN BROWSER

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Summary

Full printed 10 inch server rack

Hobby & Makers > Organizers

Tags: shelf rack serverrack

This is printed 10 inch server rack designed for printer with plate 250 mm x 200 mm (Prusa MK3), but some parts (rails) need the bigger one (Prusa XL).

Rack has standard sizes, see https://en.wikipedia.org/wiki/19-inch_rack

Rails can be stacked on top of each other. You don't need lines or heads, but each rail starts and ends with half U.

Shelves can be oriented up or down, but filled shelves are perforated (reinforced) from one side, so be careful about that.

There are two groups of shelves:

- with and without front-end panel
- with and without supports, which you can do in slicer if you want

I use standard M6x16 screw with M6 nuts.

All parts are printed from PLA, instead of rack_joion which i print from PETG. All parts with default PrusaSlicer infill 15%.

Edit 26. Jan 2025

- Added inbus panel

Edit 13. Aug 2024

- Added rack_hook

Edit 3. Nov 2024

- Added rack_rail_join to accessories
- Added new folder strong shelves

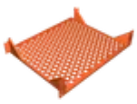
Model files

accessories 2 files

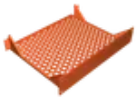
rack_hook.stl

rack_rail_join.stl

shelves 12 files



rack_shelf.stl



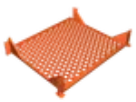
rack_shelf_panel.stl

rack_shelf_up.stl

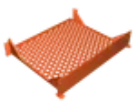
rack_shelf_panel_up.stl

rack_shelf_down.stl

rack_shelf_panel_down.stl



rack_shelf_support.stl

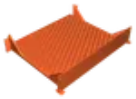


rack_shelf_panel_support.stl

rack_shelf_up_support.stl

rack_shelf_panel_down_support.stl

rack_shelf_down_support.stl



rack_shelf_panel_up_support.stl

strong shelves

1 file

rack_shelf_strong_support.stl

panels

3 files

rack_panel_honeycomb.stl

rack_panel.stl

rack_panel_inbus_holder.stl

legs_and_heads

6 files

rack_legs_line.stl

rack_head_line.stl

rack_legs_line_2x.stl

rack_head_line_2x.stl

rack_leg_2x.stl

rack_leg.stl

rails 10 files

rack_rail_1u.stl

rack_rail_2u.stl

rack_rail_3u.stl

rack_rail_4u.stl

rack_rail_5u.stl

rack_rail_6u.stl

rack_rail_7u.stl

rack_rail_8u.stl

rack_rail_9u.stl

rack_rail_10u.stl

rails_2x 10 files

rack_rail_2x1u.stl

rack_rail_2x2u.stl

rack_rail_2x3u.stl

rack_rail_2x4u.stl

rack_rail_2x5u.stl

rack_rail_2x6u.stl

rack_rail_2x7u.stl

rack_rail_2x8u.stl

rack_rail_2x9u.stl

rack_rail_2x10u.stl

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