ATX Open PC Frame

Heblyz

VIEW IN BROWSER

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Summary

I needed a pc case for a living room pc so i made my own pc frame design.

Gadgets > Computers

Tags: case pc pccase

I needed a pc case for a living room pc so i made my own pc frame design as most of the models here are for ITX motherboards.

I made it the simplest with the least filament amount I could and in a way it fit on a standard 220 x 220 bed.

To build this PC frame you will need:

-M3 threaded inserts

-16 M3x20 screws

-4 M3x10 screws

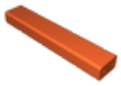
-2 M3x30 screws for the PSU

-Motherboard Standoffs (3D printed spacers can do the job)

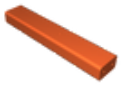
PETG filament would be safer for this print to resist temperatures but I printed it with standard PLA and had no issues.

EDIT: Added a revision of the two bottom side parts to allow better compatibility with more PSU. Also added more holes to the middle bar for the SSD bracket mounting.

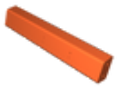
Model files



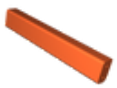
top_bar.stl



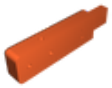
middle_bar.stl



bottom_bar.stl



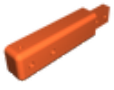
rear_bar.stl



top_right.stl

bottom_right_psu_mount.stl

bottom_right_v2.stl



top_left.stl

bottom_left.stl

bottom_left_v2_psu_mount.stl

ssd_frame.stl

mx-switch-mount.stl

atx-open-pc-frame.step

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