

LM2596 Box (Case + Lid) to "slip-on" Ender rail (LM size 45*23*14mm)

A Agar

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Summary

Case + Lid to fit an LM2596. The case can be slip on to the rails of the Ender frame. No need to remove the end cap.

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Tags: [lm2596](#) [ender3v2](#)

I really liked the design from SDerrick42, and thereof took freedom to remix his thing 4271562. What I modified:

- adjusted round pillars and clips, to hold the LM2596 in place, to the size of my LM2596 boards of 45mm 23mm 14mm
- modified the holder for the Ender3v2 (40x20) rail be be able to hang (slip) it on instead of the need to slide it in from the end
- increased slightly the lid clips, as it was a little loose in the original model, for my feeling

Have fun. If someone needs the design without the rail mounts let me know, happy to upload it if needed.

Here is a link to the LM2596 boards I made this case to fit to and bought on Amazon: <https://www.amazon.de/gp/product/B07MY2NTFV>

Print Settings

Printer Brand:

Creality

Printer:

Ender 3v2

Rafts:

No

Supports:

No

Resolution:

0.24

Infill:

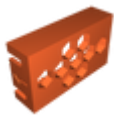
20

Filament:

Basicfil (Amazon) PETG black

Category: 3D Printer Parts

Model files



Im2596_box_case.stl



Im2596_box_lid.stl

[Find source .stl files on Thingiverse.com](#)

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