



## Ender 3 S1 Pro mainboard and PSU 60x25mm fan mounts



CromFr

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### Summary

Offsets the fans to provide enough clearance to replace the two 60x15mm fans with 60x25 fans

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The mainboard / motherboard fan mount is 6mm high and can be installed with the standard printer feet.

The PSU fan mount is 11mm high and requires higher printer feet (I used [these](#)).

Installing the fans requires cutting holes inside the backplate (with a dremel or jigsaw).

You can fix the fan mounts by either:

- tapping holes on the backplate and screwing M3 screws on the mount corners
- drilling holes on the backplate and screwing into the fan mount smaller holes

If you want to use 12v fans like noctua fans, you will need a step-down converter, like a MP1584.

Warning: the PSU contains dangerous capacitors that can shock you. Be very careful if you want to mod the PSU fan.

## Model files



**mainboard-60x25-fan-mount.step**

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**mainboard-60x25-fan-mount.stl**

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**psu-60x25-fan-mount.step**

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**psu-60x25-fan-mount.stl**

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**backplate-fan-tpu-gasket.step**

☐ TPU gasket to reduce vibration (adds 2mm of height)

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**backplate-fan-tpu-gasket.stl**

☐ TPU gasket to reduce vibration (adds 2mm of height)

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