

Ender 3 V2 Direct Drive V6 for "Sherpa mini" or "Sailfin" extruder



Slimak

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updated 26. 4. 2023 | published 26. 4. 2023

Summary

This is a remix that allows you to mount the extruder sherpa mini or sailfin to "Ender 3 v2" along with the E3D V6...

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This is a remix that allows you to mount the extruder sherpa mini or sailfin to "Ender 3 v2" along with the E3D V6 hotend and CR / BL Touch.

For the remix I used this project because it is very solid, the hotend does not wobble sideways unlike other projects, it is mounted very rigidly.

Links to extruders projects:

SHERPA MINI: https://github.com/Annex-Engineering/Sherpa_Mini-Extruder

SAILFIN: <https://github.com/CroXY3D/Sailfin-Extruder>

I only tested the sherpa_mini extruder with this project, but the "sailfin" should match if you print your "sherpa type" mount (the sailfin designer provides this on the github page "

22.12.2022 UPDATE:

I added a new version of the crtouch_mount, it is lowered by 1mm, because after mounting the RED LIZARD hotend the sensor was too high relative to the nozzle. In addition, it has additional reinforcements to make the sensor more solidly attached. If you have a V6 hotend then the mount should fit as well, but I didn't test it.

Hotend fan : 4010 or 4020

Part cooling fan: blower 5015

Sorry I didn't make a list of the screws you will need. I cut M3 screws as needed.

But you need the same screws that are used in the source project, that is:

6mm M3 x7

12mm M3 x2

20mm M3 x3

and additional screws to mount the extruder:

16mm M3 x2

5-6mm M3 x1 (only for sherpa mini)

to mount the whole to the metal bracket, use the original ender hotend mount screws

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

Yes

Resolution:

0.2mm

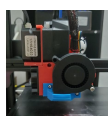
Infill:

30%

Filament: F3D ABS-X

Category: 3D Printer Parts

This remix is based on



**ENDER 3 V2 TT BMG E3D V6 DIRECT DRIVE EXTRUDER
+ BLTOUCH**

by studloloX

Model files



fan_holder.stl



ccrtouch_mount.stl



front_sherpa_mini.stl



front_sailfin.stl



back.stl



upgraded_crtouch_mount_1mm_lower.stl



prusa_fan_13_10mm.stl



toolhead_sherpa_sailfin-v1.step

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

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