

VisionFive 2 Snap-on Case With gpio access and 30mm fan

 JackDesigns

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Summary

This model has access to the GPIO pins and a plug to block the hole. Designed for a 30mm fan

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(Designed for fan blowing INTO case)

This is a modified design that incorporates a hole and plug for access to the gpio pins on the board. It also has a 30mm fan slot that works with the Sorocco YX2500 model. This model also has a hole sized for a two way switch. This was so that I could control the fan speed and noise level, I used a 15 Ohm resistor. I dont know the model name of the switch, but it can be found here: - <https://www.ebay.com.au/itm/233173678339>

The screw holes for the fan are 3m.

The holding pins inside the bottom plate are sized for 2.5mm version of the board. (I will upload a 3mm version shortly)

The fan doesnt come with a connector that could be attached to the board so I took two female breadboard jumper wires and soldered them to the

power wires . I had to sand the sides of the femal connector a very small amount so that they could plug in.

I labelled the usb 3 and 2 pins so that you can distinguish the two, I would recommend a filament change after the first few layers so that the numbers are easily visable.

The Switch cover does not easily go into the lid, i had to force it with a hammer, but at least it won't come out :)

The “Blades” file is fragile, you have to carefully bend the arms in the same direction, then place it below your fan. Set it up so the blades are going to opposite direction to the rotation of the fan. This will stop the air from only coming out around the edges and not blowing directly on the heatsink

Printed out of PLA 0.3mm layer height, 0.4mm nozzle.

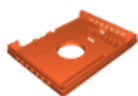
This remix is based on



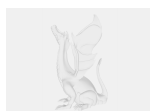
VisionFive 2 Snap-Together Case

by mothdotmonster

Model files



lid.stl



base.stl



blades.stl



plug.stl



switchcover.stl

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