



Fractal Baby North - Raspberry pi case (3, 4 & 5)



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Summary

Fractal Baby north-is

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[workinprogress](#) [north](#) [fractaldesign](#)

Fractal Design uploaded the files for their model on their website :

<https://www.fractal-design.com/north-pi-3d-files/>

This is my take on the Fractal baby north.

EDIT 23 of July 2024

I pushed the fan monts on the front element (like it is on the OG), added a space to put the fan cables and clean the design a bit.

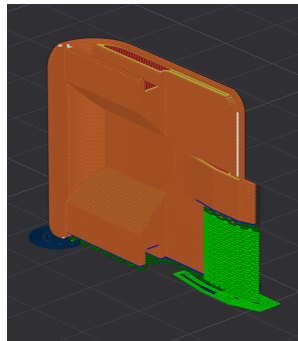
Resized the pi mount hole to 3.9mm to be able to use cheap heat insert (M2.5x3x4mm)

The other holes can be used with M3x3x4.6mm heat inserts (or M2.5x3x4.6 like those of cnc kitchen)

I recommend not using M3 inserts for the Pi mount because you'll have to drill the Pi board holes to 3mm diameter! (I did it, but you probably shouldn't!)

The main body and tray need to be printed with supports. If the tray is hard to insert/remove, you can trim a bit where the supports were, and it should slide easily.

If you want to have the same finish as the main body, you should print it on its side:



You can also print the dust cover on the side (but it may be a challenge :)).

For the side panel, you can use some 1.5 mm acrylic and cut it to the dimensions 71mm(L) X 84mm(H).

(Or a 4mm acrylic panel and use a router to make it like the model I uploaded.)

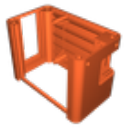
The IO panels are available for the Raspberry Pi 3B, 4, & 5.

Under the top panel is a mark that needs to be placed facing the bottom front of the case.

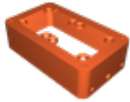


I'm currently happy with how it ended up and because of the original files from Fractal, I will probably not update this model again.

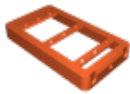
Model files



main-body-final.stl



front-final.stl



wood-mount.stl

 v6



wood.stl

 v5



easy-tray.stl



foot-m25.stl



foot-m3.stl



new-back-pannel-pi5.stl

 v5



top-panel-pi5.stl

 v5



new-back-panel-pi4.stl

📄 v4



top-panel-pi4.stl

📄 v5



new-back-panel-pi3.stl

📄 v5



top-panel-pi3.stl

📄 v4



dust-cover.stl



acrylic-panel-final.stl

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