

Tiny PC raspberry Pi 5 case with wooden front

TechX

VIEW IN BROWSER

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Summary

The tiny Pi5 case from Computex 2024 you all wanted to have...

Gadgets > Computers

Tags: pi raspberrypi raspberrypicase fractal north raspberrypi5

Fractal now released the files for the North Pi on their homepage:

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

I designed a Pi 5 case quite similar to the Fractal North you saw on the Computex 2024.

Right now this is work in progress and I would like to hear your feedback on the fit and the printability, because I don't own a Pi 5.

Change log:

11.07.24 - added a STL with screw holes in the wood dummy

13.06.24 - added files with build in supports and guide faces for the feet and a feet dummy file

12.06.24 - initial release

I would recommend PETG-CF with a 0.4 nozzle and 0.2 layer.

The base should be printed with the front facing upwards.

You will also need:

4x 2.5x8mm wood screws for the Pi

2x 40mm fans, max 10mm deep

4x M3x14 screws for the 40(x10)mm fans, or shorter acc the fan depth

4x heat inserts M3x5x4 (Voron)

3x strips of wood with 80x5x10mm

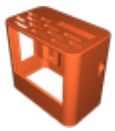
6x 3x6mm countersunk wood screws for the front

1x piece of acrylic sheet 55.5x72.5x1.0mm for the window (maybe an old CD case?)

4x Ø10mm wooden feet with ~4mm length and some VHB tape or super glue

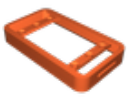
Model files

_OLD 2 files



picase_base.stl

_OLD_just_for_reference



picase_wood_mount.stl

_OLD_just_for_reference



picase_base_with_support.stl



picase_wood_mount_with_support.stl



picase_top_io.stl



picase_back_io.stl



picase_window_dummy.stl



picase_wood_dummy.stl



picase_wood_dummy_with_back_holes.stl



picase_feet_dummy.stl

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