



Raspberry Pi 3 Model A+ Snap Fit Enclosure with 3030 Extrusion Hooks



netpaq

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Summary

Snap Fit, No Supports, No Screws, Vent Holes, 3030 Extrusion Hooks.



2.45 hrs



1 pcs



0.20 mm



0.40 mm



PET



28 g



Prusa
MK3/S/S+

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Tags: [octoprint](#) [3030extrusion](#) [raspberrypi](#) [octopicase](#)
[extrusion30x30](#) [3030mount](#) [raspberrypi3aplus](#)

I needed a Raspberry Pi Model 3A+ enclosure for my Prusa MK3S+ OctoPrint installation. I extracted the 3030 extrusion hooks from [this](#) model and merged them with [this](#) enclosure model.

There are two versions of the base, the first version (that I printed) has the 3030 extrusion hooks on the long side, the other has the hooks on the shorter side.

I haven't tested it but it should also fit the older Raspberry Pi 1 Model A+ (same mechanical footprint).

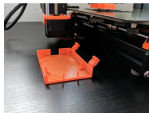
I included the 3mf file in case you need to adjust the position (ex: height) of the hooks.

This remix is based on



Raspberry Pi 3A+ Case (Snap Fit, No Supports, No Screws, Vent Holes)

by [shokwaav](#)



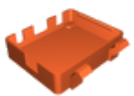
3030 (Prusa MK3) Pi Mount

by [Coopey](#)

Model files



lid.stl



base-hooks-on-long-side.stl



base-hooks-on-short-side.stl



base-with-hooks-on-short-side-and-lid.3mf



base-with-hooks-on-long-side-and-lid.3mf

Print files



lid-and-base-hooks-on-long-side_02mm_petg_mk3s_2h27m .gcode

PET 0.40 mm 0.20 mm 2.45 hrs 28 g Prusa MK3/S/S+

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