



Retroid Pocket 4 / Pro Reversible Grip Case



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Summary

A slim fitting case that can be used on both sides - one to grip and one to protect the screen and device.

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The Retroid Pocket 4 / Pro is a retro handheld emulation game console that runs on Android. It's design and shape allows for a case that be used on the front or back of the device, allowing the case to be used as a grip case or a protective case.

There are two models of this case. This is a slim case. Both can be used as a grip or reversed for protection.

- **Standard** - A standard grip design
- **Ergo** - A grip design that has a bit of an ergonomic touch to it with indentations on the grip

I used PLA+, 0.2mm height, 15% infill, and 3 perimeter. I also tried variable layer lines on the curved areas and they came out great. You may notice the top clip will need a long support going up to it since it is an angled bend; I used organic supports for these. I've also provided a model

that has the clip split from the body for a cleaner print. You will need to use an adhesive like CA glue for this.

If you feel that the case is too tight or loose to your liking, I suggest scaling in all directions in a tiny amount (100.1 or 99.9, etc).

Check out my profile if you also have a Powkiddy RGB30 & Anbernic RG405M & RG35XX H for similar cases. Happy gaming!

UPDATE 6/21/24: Made case clipping a little tighter.

UPDATE 8/24/24: Made a version with 5mm added to depth of grip.

Model files



rp4-case.stl

☐ Needs support for top clip



rp4-case-ergo.stl

☐ Needs support for top clip



rp4-case-vthicc.stl



rp4-case-split.stl

☐ To be used with split clip



rp4-case-ergo-split.stl

☐ To be used with split clip



rp4-case-split-clip.stl

☐ To be used with the split cases

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