



iUniker Raspberry Pi case 50mm fan mod



TKN

[VIEW IN BROWSER](#)

updated 1. 7. 2023 | published 1. 7. 2023

Summary

Increase the fan size used by this great little RPi case

[Gadgets](#) > [Computers](#)

The iUniker case on Amazon is a great little RPi 4 case, cheap and works well. But I didn't love the small fan, especially since there is plenty of room for a 50mm.

Parts:

1. [iUnker Case](#)
2. [GDSTIME fans](#)

This model requires no supports and the pegs are purposely spaced a little in for a friction fit. It sits on top of the case making it slightly taller to allow for airflow around the larger fan.

If you want to modify it, you can find the design on Tinkercad: <https://www.tinkercad.com/things/9hOL77ztKEk>

I will probably add a version with a fan guard of some sort, but I don't want to add noise or reduce cooling.

I'd also suggest using the 3.3v pin so that it runs a bit slower.

Model files



rpi4-enclosure-50mm-fan-top.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)



Attribution—Noncommercial—Share Alike

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition