



Voron V0 Universal Pi Mounting Bracket



Measure Once Print Twice

[VIEW IN BROWSER](#)

updated 26. 12. 2023 | published 26. 12. 2023

Summary

Securely mount LDO USB expander PCB (with Raspberry Pi Zero 2W) or standard Pi 3/4 onto V0 frame.

[3D Printers](#) > [Voron Parts & Upgrades](#)

Tags: [raspberrypi](#) [raspberrypi4](#) [raspberrypi3](#) [voron](#) [ldo](#)
[voronmod](#) [voron01](#) [voron0](#) [rasberrypizero](#) [ldomotors](#)
[voron02](#) [ldoframe](#)

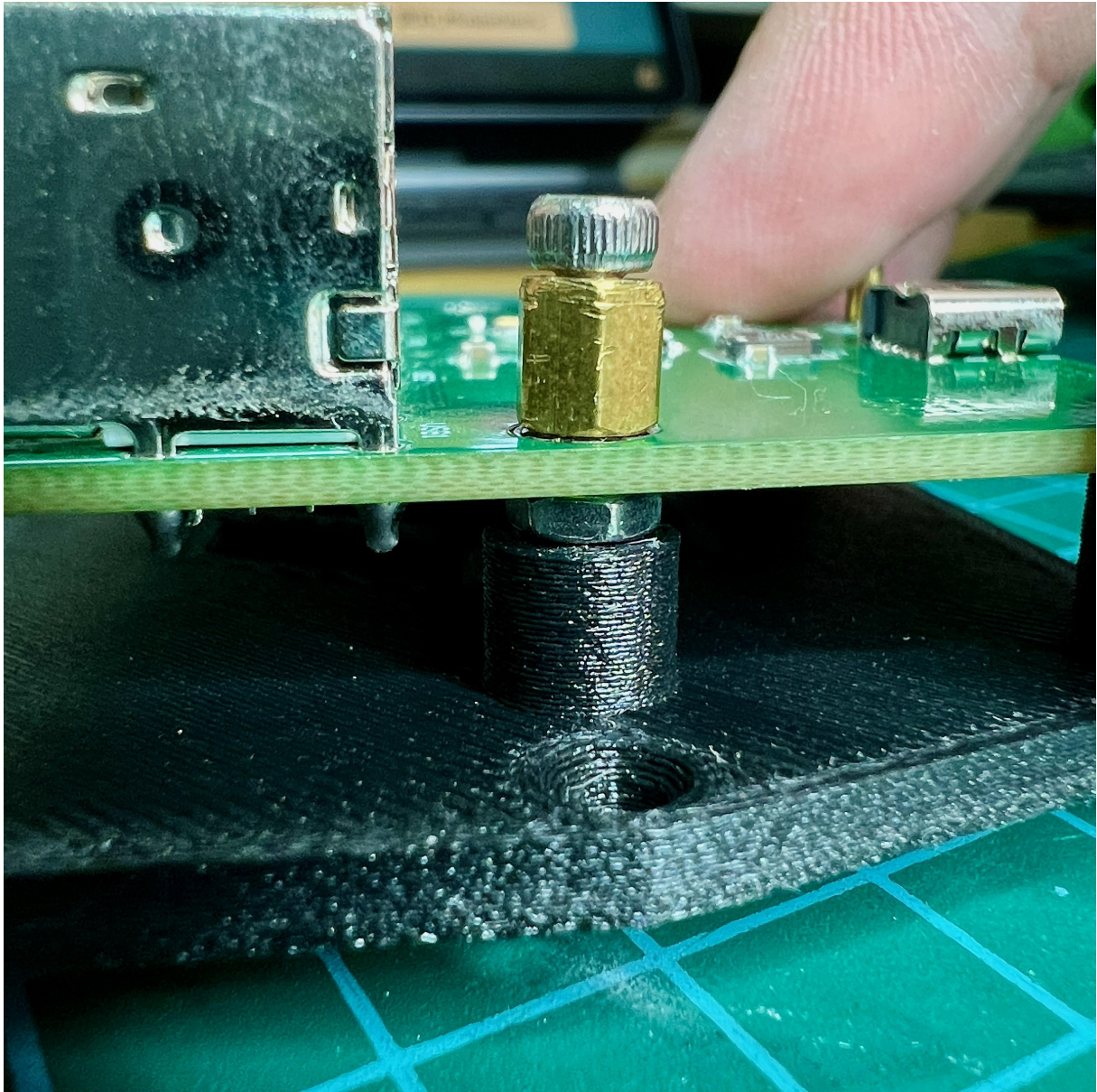
Elevate from VHB tape to security! This universal bracket offers a stable frame mount for your Raspberry Pi, effortlessly shifting between LDO Raspberry Pi Zero 2W with USB expander PCB and Raspberry Pi 3/4/5.

Facilitate smooth assembly with offset frame holes for fixing the Pi to the bracket first, then securing the bracket to the frame (two M3x10).

Require dual no-drop nuts at the rear of the z-rail. Alternatively, use slide-in nuts, ensure that it doesn't move on the frame to prevent dropping.

You can reuse the M2.5x4 provided as part of the LDO kit to fix the Pi or USB expander to the bracket. Three of them are enough, the fourth one will need to be 6 or 8mm long.

It is my opinion three M2.4x4 suffice, if you fix a fourth one use a nut as a spacer under the PCB for the recessed pole.



Enjoy, and let me know how it goes!

Model files



`voron-v0-universal-pi-mount.stl`

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution

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