



52Pi Raspberry Pi 3B+ heatink brackets

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Summary

Brackets to secure the 52Pi (High Level Open Source) Raspberry Pi 3B+ heatsink.

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I created this set of brackets to hold down the heatsink on my Raspberry Pi 3B+. Originally the heatsink came with adhesive tape but never really held on too good. When I replaces the tape with silicone pads the heatsink kept falling off. The solution I came up with was to use the mounting holes on the Pi to hold down the heatsink.

After securing the heatsink the temperature on my Pi3 dropped 20C and even under load stays around 35C. Under a stress test it takes around 30 minutes for the Pi to climb to 60C with no fan running. Once the fan is running the temperature drops back down and stays there.

As for printing recommendations, as long as the Pi heatsink or environment doesn't get too hot you can use PLA. I using Inland PLA+ and the part has not shown any signs of issues. If you flip the parts over so the tops and on the bed surface there is no need for supports. All in all it's a pretty simple print.

Model files



52pi-pi3-b-heatsink-brackets-v1.3mf

☐ Exported model



52pi-pi3-b-heatsink-brackets-v1.step

☐ STEP file for editing

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