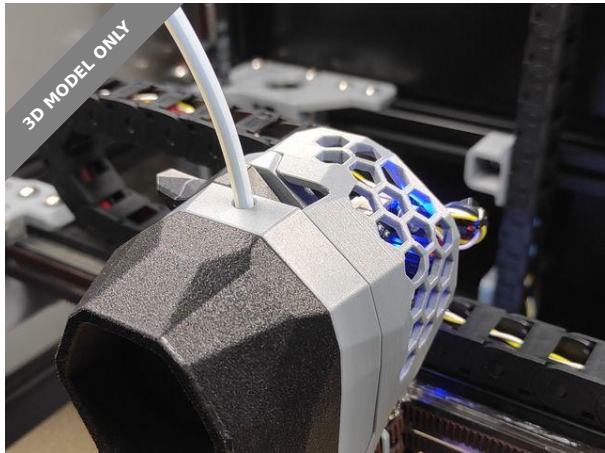




Voron Stealthburner SB2040 Cover



Ibot_3D

[VIEW IN BROWSER](#)

updated 17. 1. 2024 | published 17. 1. 2024

Summary

Simple perforated PCB cover for better cooling.

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

Tags: [upgrade](#) [extruder](#) [can](#) [of](#) [it](#) [no](#) [board](#) [mod](#)
[easy](#) [tap](#) [cover](#) [fan](#) [controller](#) [pi](#) [cooling](#) [pcb](#)
[fly](#) [loom](#) [2040](#) [bus](#) [holes](#) [clockwork](#) [simple](#) [hole](#)
[trident](#) [voron](#) [toolhead](#) [pico](#) [solution](#) [perforated](#)
[needed](#) [mellow](#) [tmx](#) [them](#) [canbus](#) [clockwork2](#) [24r2](#)
[many](#) [voron24r2](#) [sb2040](#) [sb](#) [hartk](#) [2209](#) [b2040](#)
[improves](#) [because](#) [perforat](#)

Since the SB2040 canbus board gets pretty hot it's not the best idea to cover it with a closed pcb cover. This perforated cover improves the temperatures already a lot without any built-in fan.

Used this **2000h** now without any issues with “high” chamber temps (250 Voron + Nevermore)

The hexagons are not perfectly cut, but good enough so you don't see it in the printed part.

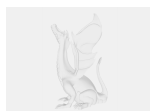
Can be tricky to print. Do not use materials with weak layer adhesion like Esun ABS+

Printing 2 of them will increase layer time and therefore cooling.

Model files



cable_cover_for_sb2040_rotated.stl



cable_cover_sb2040.stp

License ©

This work is licensed under a
GNU



General Public License v3.0

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Meets Open Definition
 - i | Share under the same license