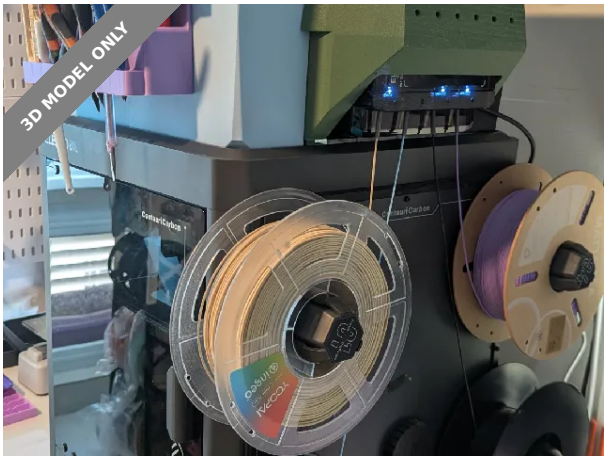


Top Hat for Elegoo Centauri Carbon 1 with CANVAS

amit kuzi

VIEW IN BROWSER

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Summary

PETG-CF modular top cover for Centauri Carbon 1 with CANVAS. Mounting panels, connectors, STLs and 3MF.

3D Printers > Other Printer Parts & Upgrades

Tags: canvas riser topcover tophat elegoo centauricarbon petgcf

Model version 1.0.0 | Release date: 2026-11-03

Original design by Amit Kuzi | CC BY 4.0

I designed and printed this modular top cover for my Elegoo Centauri Carbon 1 with CANVAS, using PETG-CF.

The cover uses separate corner pillars and wall sections with a grid of mounting holes, a CANVAS-side housing, joining rails, and printed connectors. The photographs show the assembled cover from the front, CANVAS side, and open top.

Included files

Current six-plate ElegooSlicer 3MF project.

12 descriptively named STL exports preserving project scale and orientation.

Parts and printing guide with quantities and plate numbers.

Project quantities

Front-left pillar x1; front-right pillar x1; rear-left pillar x1; rear-right pillar x1; left wall panel x1; CANVAS-side housing x1; vertical joining rail x2; wedge connector x6; straight connector x5; solid wire peg x3; cable pass-through peg orientation A x1 and orientation B x1.

Print notes

I printed the cover in PETG-CF. The supplied project uses a 0.6 mm nozzle, 0.36 mm layers, 2 walls and 15% gyroid infill, with manual tree supports enabled. It still contains mixed PLA/PETG-CF presets: select your PETG-CF settings for the relevant objects before slicing. Import STLs in millimetres at 100%; custom connector scaling is already included. The 3MF retains the plate layout and slicer settings. This is an ElegooSlicer project, not a tested Bambu Studio print profile.

Check the sliced preview, supports and connector fit before printing the full set. The straight connector retains six zero-area source triangles, documented in the parts guide. Quantities reproduce the saved project; a detailed assembly hardware list is not supplied.

Other accessories visible in the photos, including tool holders, spool holders, lighting and coloured upper trim, are not included as separate files.

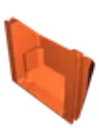
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Please credit Amit Kuzi and indicate any changes when sharing a remix.

Model files



01_front_left_corner_pillar.stl



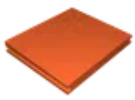
02_canvas_side_housing.stl



04_vertical_joining_rail.stl



10_cable_pass_through_peg_orientation_a.stl



05_left_side_wall_panel.stl



08_wedge_connector.stl



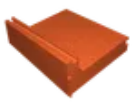
09_solid_wire_peg.stl



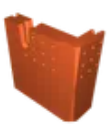
11_straight_connector.stl



12_cable_pass_through_peg_orientation_b.stl



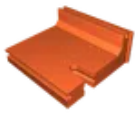
07_rear_right_corner_pillar.stl



03_front_right_corner_pillar.stl



canvastopcover.3mf



06_rear_left_corner_pillar.stl

Other files

license.txt

parts-and-printing.txt

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