

Vertical Laptop Stand Print & Use Guide

Stands the laptop on edge so it stops covering the desk and starts getting some air.

Up To 25 mm Thick

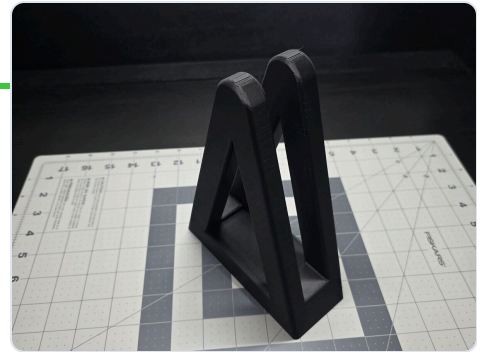
No Hardware

No Supports

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If the laptop already lives behind an external monitor and a wireless keyboard, it does not need to be open — it needs somewhere to be. Lying flat it blocks its own vents and covers more desk than it earns. This stands it up.

In the download



One piece, straight off the plate. 60 × 200 mm on the desk, 150 mm tall.

File	What it is
<code>makerx-laptop-stand.3mf</code>	Start here. One plate, one part, tested profile already set up.
<code>makerx-laptop-stand.stl</code>	The raw mesh, for your own slicer and your own profile.

THERE IS NOTHING TO ASSEMBLE

No screws, no magnets, no glue, no second part. Pull the brim off and it is finished. That is why this guide is three pages instead of five.

Print it

One plate, one part, already configured. It prints **upright** — the same way it stands on the desk — and needs no supports at all.



It prints standing up, the way it is used, with a brim.

Layer height	0.2 mm
Walls	3
Top / bottom shells	5 / 3
Infill	10% gyroid
Brim	Outer only — leave it on
Supports	None required
Material	PLA, 220 °C nozzle
Print	4 h 39 m and 156.85 g
Sliced on	Creality Hi 2, 0.4 mm nozzle, epoxy resin plate

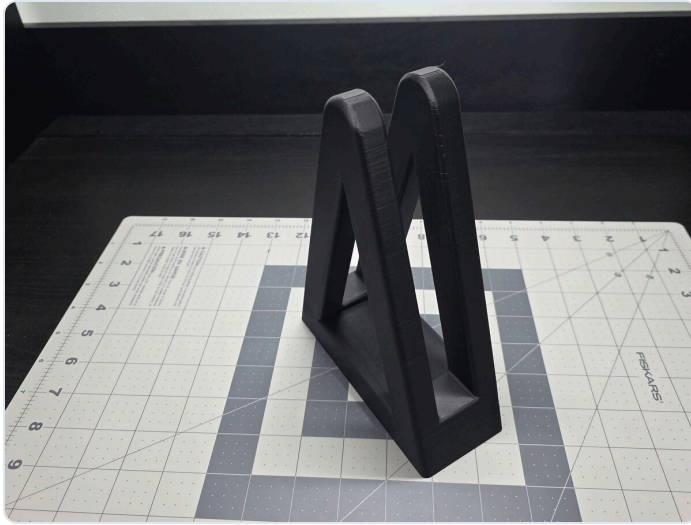
THE BRIM IS NOT OPTIONAL

The footprint is narrow for a part this tall, and the first layer is what holds it steady for four and a half hours. Print it with the brim and peel the brim off afterwards.

If you want it stronger

10% gyroid is plenty for a closed laptop, but the walls are what carry the load, not the infill. If you are standing something unusually heavy in it, take the walls to 4 or 5 rather than raising the infill — it costs less time and does more.

Use it



The channel tapers inward — 25 mm at the mouth, tighter further down.



Closed, on edge, both faces open to the air.

Close the laptop and lower it into the channel. Anything up to 25 mm thick goes in, and it settles until the taper catches it — so different machines stop at different depths and all of them sit steady.

FITS UP TO 25 MM THICK — AND IT WEDGES, IT DOES NOT CLAMP

The channel clears a **25 mm** machine at the mouth and tapers inward as it goes down, so a thinner laptop stops where the taper catches it instead of rattling. Nothing tightens onto the lid and nothing holds pressure against the screen — it rests under its own weight and lifts straight back out.

Getting the airflow you came for

Standing the laptop up is half of it. The other half is where it stands: a closed cabinet with no ventilation will still cook it, however the machine is oriented. If that is your situation, my **Louvered Vent Cover** finishes a hole-saw opening cut into a cabinet, door or wall — separate download, same problem. Neither model needs the other.

IF THIS ONE EARNED ITS SPOT

A **Like** or a **Favorite** takes a second and genuinely helps. A **Boost** helps more than either — it puts a design in front of makers who would never otherwise see it. Standing something this does not quite fit? Tell me — the slot is easy to resize, and most of what gets built here started as somebody asking.

— MakerX Designs · makerxdesigns.com