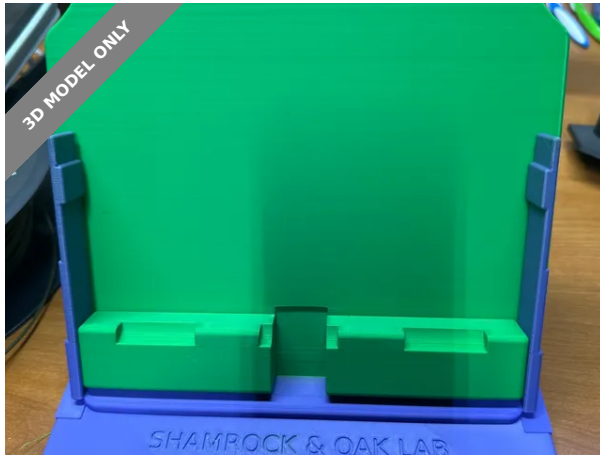




Rugged iPad Stand — Flex-Grip Tabletop Holder (iPad 10th Gen, No Supports, No Hardware)

 **ShamrockOakLab**

[VIEW IN BROWSER](#)

updated 21. 10. 2026 | published 21. 10. 2026

Summary

One-piece, no supports, no screws. Spring-blade sides flex to grip your case; 65° viewing angle; 24 mm charging channel

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Designed in the shop, for the shop. This freestanding stand holds a 10.9–11″ iPad in its case, in portrait, at a 65° working angle on the bench — for instructions, video calls, or a second screen that survives the workshop.

⚠ CASE vs NO CASE — please read before printing

****This stand is designed for a tablet IN A CASE.****

****With a case (up to 193 mm wide × 20 mm thick):**** that's the fit it was built and tested for. The spring blades grip the case and the tablet sits snug. Tested in our shop on an iPad 10th gen in a slim folio case — fits good, verified.

****Without a case:**** a bare iPad will stand in it, but it will NOT be snug — the channel is sized for a case, so a bare tablet (~179 mm wide) has roughly 14 mm of side-to-side play and the blades won't grip it. It displays fine; it just isn't the fit this design is for.

****Too thick:**** the chunkiest strap-and-stand cases (OtterBox Defender, SEYMAC, Targus Rugged Max class, ~22-25 mm thick) do not fit the tray.

****Measure your case**** — width across the case, and its thickest point — if you're anywhere near the limits.

Features

FLEX SIDES: tapered spring blades bow outward a few millimetres and grip with light pressure.

ONE PIECE, ZERO HARDWARE: no screws, no inserts, no assembly. Off the plate, onto the bench.

NO SUPPORTS: prints in its use orientation (base flat). Brim recommended.

CHARGE WHILE DOCKED: a 24 mm through-channel in the ledge — the USB-C cable plugs in from the front while the iPad is docked. Wide enough for chunky case port surrounds.

Sculpted fins, tapered back, rounded everything — no sharp corners.

"SHAMROCK & OAK LAB" is recessed into the base — printed in, not a sticker.

Will it fit my iPad?

Designed around the iPad 10th generation in a case; fits the 10.9-11" family in standard cases: iPad 10th gen, iPad 11th gen (A16), iPad 9th gen, iPad Air 4, 5, 6 (M2) and Air (M3) 11", iPad Pro 11" (1st-4th gen, M4, M5). The rule: any tablet in a case up to 193 mm wide and 20 mm thick. The top of the iPad extends above the back plate — by design; the tray carries the weight.

****Does not fit:**** iPad Pro 12.9", iPad Pro 13", iPad Air 13" (~215 mm wide bare — wider than the channel before a case goes on).

****iPad mini 6 / mini (A17 Pro):**** fit loose — they sit safely in the tray but are well under the blades' grip range.

Print settings (as printed)

PLA (PETG also fine), 0.4 mm nozzle

0.28 mm layers

4 wall loops, 15% gyroid infill

Brim ON, supports OFF

Single-color fused STL included; the 7-part kit is the two-color option

Two-color option

The download includes a 7-part kit (base, plate, ledge, blade L/R, fin L/R), exported in place: import all parts at once as one multi-part object and assign a filament per part. Our shop print: base + fins in purple, plate + ledge + blades in green.

Model files

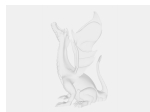


ipad-holder-v7-fixed.stl



ipad-holder-v7-fixed.step

Other files



ipad-holder-v7-fixed-parts.zip

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