



Rugged Underdesk Laptop Mount



D!nu

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Summary

Safely mounts laptops under the desk plate. Available in multiple sizes and lengths, to accomodate most laptops, tablets

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I'm not gonna ask for a coffee, but please make sure you give me a like if you find this model useful.

My kids need space on their desks and a cool idea was to store their laptops under the table plate. I have found several models on Printables, but finally decided to made my own, since I had a few limitations:

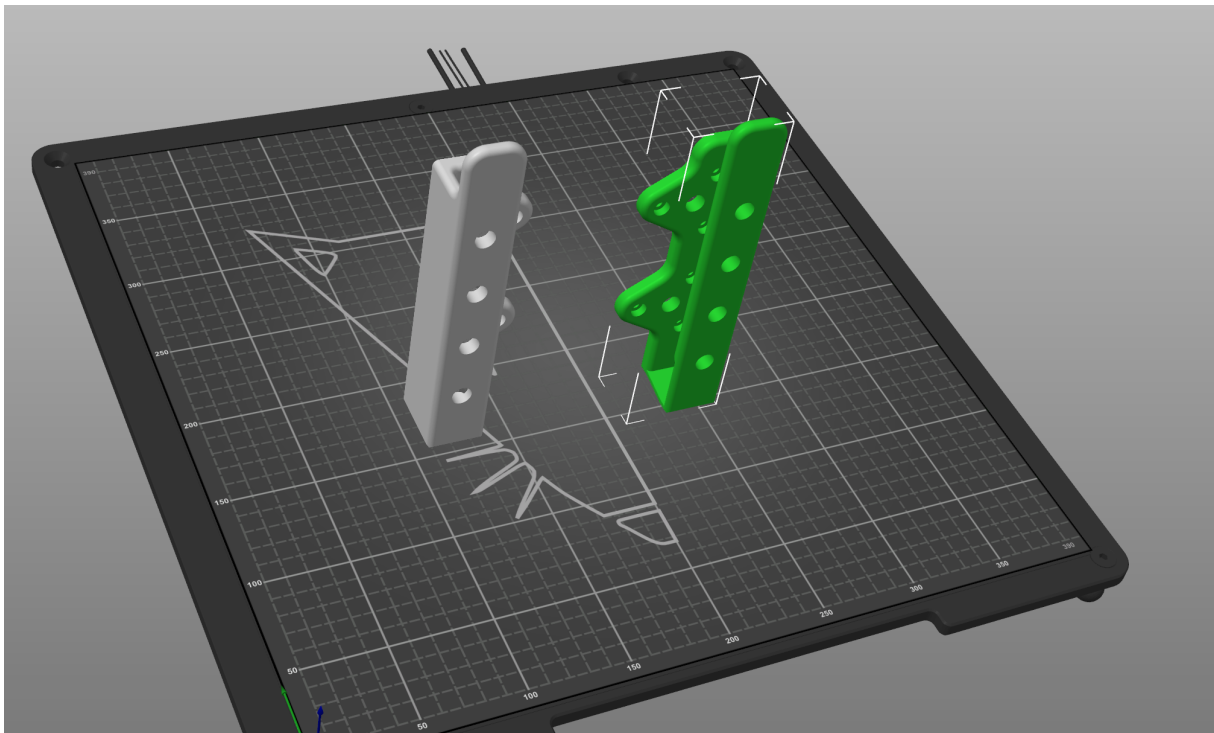
- tableplates are from IKEA, made of pressed cardboard, so risky to use just a few thin screws (need several more screws to be sure laptops don't fall)
- laptops should be charged while under desk (charging port must not be covered)
- laptops have several dongles stucked into USB (USB ports must not be covered)

So, I built some brackets that fulfill those requirements. Printed in PETG, 5 perimeters and 30% infill, they are stable as hell :) You need **12 screws**, I used **M4 x 12mm**, but any other similar screws will do.

The brackets are available in three lengths (178mm, 198mm and 238mm) and five openings (20mm, 23mm, 25mm, 28mm and 31mm).

Printing: Even the longest bracket can be printed on a 200mm bed. They can be printed in many orientations without supports. I printed them standing, as in the pictures, in PETG. If you have adhesion problems, maybe printing with a brim is not a bad idea ;)

The second bracket is not available here because you need to mirror it in your slicer! Here the green barcket is exactly the gray one mirrored along the Y axis:



BEWARE: When choosing the width make sure you select a bracket at least 2-3mm wider than your laptop height, measured at the thickest place (don't forget feet, thicker batteries etc.)!

Model files



bracket-31x198mm.stl



bracket-25x198mm.stl



bracket-31x178mm.stl



bracket-20x198mm.stl



bracket-23x198mm.stl



bracket-31x238mm.stl



bracket-20x178mm.stl



bracket-28x178mm.stl



bracket-28x238mm.stl



bracket-28x198mm.stl



bracket-23x178mm.stl



bracket-20x238mm.stl



bracket-25x238mm.stl



bracket-25x178mm.stl



bracket-23x238mm.stl

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