

[Print in Place] Hide-Away Laptop Stand [Folds Flush]



BuildX

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Summary

Attaches to and folds flush to your laptop.

[Household](#) > [Office](#)

Tags: [laptopstand](#) [keyboard](#) [compact](#) [ergonomic](#)
[foldablestand](#) [ergonomickeyboard](#) [compactstand](#) [foldsflush](#)

Updated Aug 9, 2023: I realized that I had uploaded an outdated file that had a flaw in it, so I've corrected that now. If you've downloaded the model before this date, please discard it and replace it with this one.

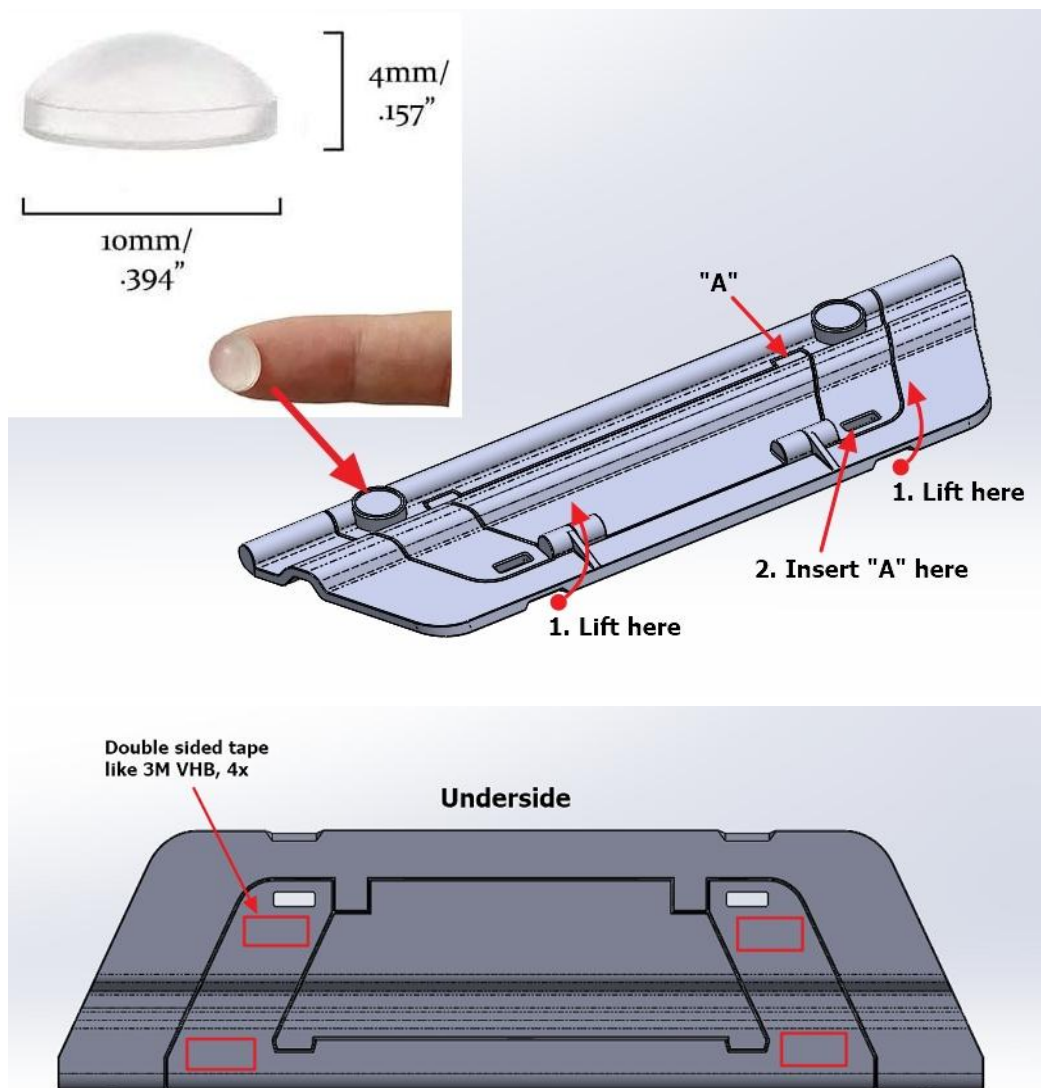
I created this laptop stand for two reasons:

1. Lifts the laptop off the table so the heat it generates doesn't damage the table mat on top of my table.
2. Create a more ergonomic keyboard angle for my fingers when typing.



Features:

1. Print in place (PIP) assembly of three pieces.
2. It hides itself away - folds flush to your laptop until you need it.
3. Folds out to form a triangular shaped stand for strength and stability.
4. Has 3 retention tabs to keep the stand in the flush position.
5. Needs 4 pieces of double sided tape (like 3M VHB)
6. Needs 2 pieces of soft rubber feet (10 mm diameter, domed)



NOTE: This was designed to fit my Lenovo P1 Gen4 laptop, but it can work with any laptop as long as the center area of the laptop is flat with no protruding features. If you are not sure, print one out and try it (it's a pretty quick print).

Recommendations:

1. Print using PETG/ABS/ASA. Not appropriate for PLA.
2. After printing, gently wiggle the pieces repeatedly to get free movement, then install it to laptop.

If you add this to your collection and/or download the model, please click the **LIKE** button and give it some **STARS**!

Remember, you can earn some Prusameters if you post a pic of your make! Plus, it would make my day to see it. ;-D

Happy Printing!

Model files



p1-elevator1.stl

📄 Corrected file: uploaded August 9, 2023

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