



Legion foldable legs



flol3622

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Summary

Low profile (same height as existing rubber foot), foldable legs for a Lenovo Legion 5.

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My first try was in PLA and holded quiet a while. But completely melted after the rendering of the animation for this post hhahaha. The warmth and self weight of my legion made them bend completely hahah. I suggest printing them in PC as is withstand higher temperatures.

As for the hinge piece I suggest a little piece of filament I'm still choosing between PETG and PC.

There is a small lip on the inside of the hinge system, to prevent support within the holes and improve the print quality. You can easily remove it with the smallest prusa hex key.

How I attached it:

1. remove the existing rubber foot, pull slowly and you won't damage it, you can always replace it later

2. I cleaned the slot, removed the little pieces of glue still sticking
3. cleaning the printed parts, removing the brim and clearing the holes with my smallest hex key
4. scraping a small PETG-filament until it fits tightly into the hinge assembly, pushing it further with a pair of pliers
5. To glue: the best for me was double-sided tape, not the one for hobbyists but the one for floors (to stick wooden plank, ...) as it withstands heat

I provided the [link to the CAD files](#). Feel free to adapt it **or send me a message for a custom one if you're not quite a modeler ;-)**

Model files



leg-extension_l.stl



leg-extension_r.stl



leg-fixed_r.stl



leg-fixed_l.stl



legion-stand-v7.3mf

[Find source .stl files on Thingiverse.com](#)

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