



Not So Rugged Parametric Box

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Summary

Inspired by the awesome Rugged Box by Whity, I created this not so rugged parametric box.

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Tags: [parametric](#) [box](#) [latch](#) [rugged](#)

Inspired by the awesome Rugged Box by Whity, I created this not so rugged parametric box. I wanted a setup that was just as useful, but for scenarios where ruggedness is not necessary. You can adjust the box to any width, depth and height using the browser based CAD software Onshape.

[Link to model](#)

This box uses:

- A lot less filament
- Half the amount of hardware (screws)

The file here is only one size, you can customize the box by using onshape. Make a copy of [the document](#) and adjust the variables at the top of the list.

You'll need [a free onshape account](#) to make a copy of the document.

You can also customize the screw size. Pro tip: if you set your screw size to 2mm, you can use 1.75mm filament pieces in the hinges instead - they should pressure fit and not need glue (depending on your printer you might have to tweak the screw size up or down for a good fit).

Printing instruction

- Print the lid top down, and the latch on its side (see image from slicer in gallery).
- Prints without supports

Model files

box-150x100-m3-30.step

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