

Honeycomb Storage Wall Shelf Mount

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Summary

This is a Honeycomb storage wall shelf based off by @RostaP and @DrewStinger_90216.

[Art & Design](#) > [Wall-mounted](#)

Tags: [honeycomb](#) [honeycombstorage](#) [honeycombstoragewall](#) [honeycombwall](#)

I have finished printing and testing.

Printer: Bambu lab P1S

Filament: Bambu Lab PETG (orange)

Slicer: Bambu Studio

Wall loops: 4

Supports: yes (only on the supports against the lugs sticking out from the back and top)

UPDATE: (03/01/24) after fully printing and testing i noticed that when weight was applied to the shelf near the outer edges the clips would pull from the wall. i redesigned the supports so that they have 4 hex lugs

coming from the back and i made a special clip for them. i would also note that if you intend to put a lot of weight on the shelf you can screw the custom clips into your wall for added strength.

Also within this update there is a custom clip for the seams of the shelf panels it is quite hard to get in but once its there it adds a ton of strength and makes the shelf more rigid. the clips are keyed to a certain orientation so you will need to print a left and a right in order to attach both.

UPDATE: (03/05/24) shelf has been fully printed and has been tested for durability and completeness. notes from testing the (support custom clips) are supposed to be used for the v2 variant of the supports and are not compatible with the original form. the v2 supports and custom clips are a pain to get together and that is intentional. they have a zero tolerance fit so there is no risk of them coming apart later on when weight is added to the shelf. if you are unable to get them together I recommend placing the clip in the correct orientation on the ground and placing the support in its correct orientation on top and then using a hammer against the front part of the shelf (logo face) and giving it a few gentle love taps. alternatively use a file and remove material until the fit is desired fair WARNING though the more material you remove the more likely the supports can become detached from the clips and fall. I have attached photos of the completed shelf.

P.S. I tried to over engineer this model to make it as strong as possible while maintain the ability to not waste a ton of filament. I really do hope you do enjoy the shelf and if you have any questions comments or concerns comment on this model and let me know.

This remix is based on



Honeycomb storage wall

by RostaP



Honeycomb Storage Wall (HSW) Shelf

by Drew Singer

Model files



Untitled Folder

2 files



support-v2-3x.stl



support-custom-clip-3x.stl



STEP-Files

5 files

assembly-1-s.step

middle.step

left.step

support-3x.step

right.step



STL-Files

7 files



support-3x.stl

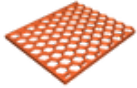
shelf-custom-clip-left.stl



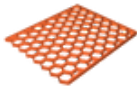
shelf-custom-clip-right.stl



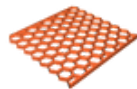
right.stl



left.stl



middle.stl



assembly-view.stl



Other files

read-me.txt

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