3-in-1 Display Shelf - Minimal Filament Version

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VIEW IN BROWSER

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Summary

Streamline your display setup with the 3-in-1 Display Shelf! Easy to print and assemble, just stick the pieces together!

Household > Other House Equipment

Tags: hexagon minimal miniatures displaystand 3in1 minimalfilament minisdisplay

Streamline your display setup with the 3-in-1 Display Shelf! Easy to print and assemble, just stick the pieces together!
Designed for filament conscious printing, this stand features three interchangeable shelf configurations, making it perfect for a variety of uses.

The shelves are intercompatible with the Stackable Display Shelf System.

Parts to print

- 2x display stand
- 2x short-shelf-...
- 1x long-shelf-...

The standard display stand (base.stl) has a relatively tight fit, with no clearance in regards to the shelves. In practice due to machine tolerances this can be looser than expected. If this is the case for you i recommend printing the tighter fit display stand (base-tighter-fit.stl).

Filament Usage

Here is a breakdown of the filament usage of the 3 different shelf options:

- Base (needed): 55g
- Shelves (choose one):
  - Hexagon: 57g
  - Smooth: 98g
  - Rugged: 110g

The hexagon shelves are by far the most filament efficient, although they are slightly less sturdy.

Attribution

This model is based upon the Display Stand (3 shelf) by elden.designs

The gridfinity shelves are based upon the gridfinity minimal magnetic baseplate by Jools.

Supports

No supports needed

Size

Length: 20 cm / 7.8 inches
Height: 18.5 cm / 7.3 inches

3D Printing Settings

Layer Height: 0.2 mm
Infill: 15%

Update Log

[10.12.24] - added tighter fit display stand variant

[06.01.25] - added gridfinity shelves

This remix is based on

None	**None**

Model files

display-stand.3mf

base.stl

base-tighter-fit.stl

short-shelf-hexagon-cutout-v2.stl

long-shelf-hexagon-cutout-v2.stl

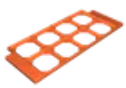
short-shelf-smooth.stl

long-shelf-smooth.stl

short-shelf-rugged.stl

long-shelf-rugged.stl

short-shelf-gridfinity.stl



long-shelf-gridfinity.stl

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