

## FULLY Modular drawer&organiser system - source files included



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[VIEW IN BROWSER](#)

updated 11. 1. 2021 | published 11. 1. 2021

### Summary

A drawer and organiser system, that you can configure, customise and modify however you want - to fit your needs.



113.21 hrs



17 pcs



0.20 mm  
0.25 mm



0.40 mm



PLA



1679 g



Prusa MINI /  
MINI+

[Hobby & Makers](#) > [Organizers](#)

Tags: [organiser](#) [drawers](#) [opensource](#) [customisable](#)

A drawer and organiser system, that you can configure, customise and modify however you want - to fit your needs. Set of models includes:

4x drawer modules, each designed for different tray styles (large, 2x small, 3x circular or 2x triangular)

Vase mode compatible versions of the larger trays, to save print time (PLEASE NOTE: vase mode prints are not compatible with custom knobs are mentioned below, and instead use their own build-in-tabs)

Top roof to attach above the top of your custom stack : leaves nicer aesthetic and provides perfect sizing for small screws to be placed.

Slanted modules for general stowage of parts, and offers diagonal slats between different heights of your setup

Panels to smooth off the sides of modules that are on the sides, leave a nicer look than the standard connecting pattern i designed.

Knobs to clamp into the trays, in case you aren't a fan of the stock finger holes used to open them, you can use one of the 4 pre-designed styles, or design your own! (if you choose to use there, they use 1x M3x20 bolt, and 1x m3 hex nut to secure in place) - can be swapped out at any point.

All parts slot together with a tight friction fit on X/Y, and have quick release on Z . This allows for a strong overall part, however can also be quick-changed should user wish to.

ALL source files are also included, so please feel free to make it your own, and i encourage you to upload any remixes to prusaprinters, again with your own source files, so everyone can even further expand on the project.

## **Print instructions**

no supports needed, however brim is advisable for most of the drawer knobs.

All Parts&Gcode are orientated for FDM printing, these parts are not made for Resin printers. PLA and PETG are optimal materials, however Clear PVB with the vase mode trays would work **VERY** nicely for anyone that would like a see-through tray.

Overall printing will use up quite a significant amount of material (I have very little, so I could only print a few small parts to check tolerances, however i am 100% confident any decently tuned fdm printer can print these parts with no problems) , And print time for the larger parts is quite significant, hence why i would recommend larger nozzles for those parts.

Minimum size for a printer to complete this project is 150mm, so anyone with especially small printers will have to split objects into smaller pieces to then be assembled.

# Model files



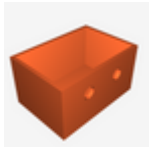
**drawer-system-v49.f3d**

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**module-large.stl**

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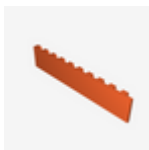
**tray-big.stl**

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**slanted-right.stl**

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**side-cover-short.stl**

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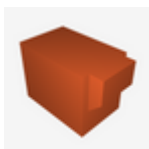
**tray-triangle\_small.stl**

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**tray-triangle\_large.stl**

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**vase-mode-box\_small.stl**

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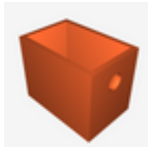
**side-cover-long.stl**

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**doorknob-front\_2.stl**

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**tray-small.stl**

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**slanted-left.stl**

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**top-cover.stl**

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**vase-mode-box\_big.stl**

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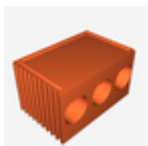
**doorknob-front\_4.stl**

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**module-triangular.stl**

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**module-circular.stl**

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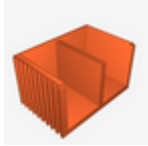
**doorknob-front\_1.stl**

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**doorknob-front\_3.stl**

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**module-small.stl**

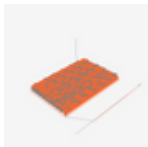


**tray-circle.stl**



**doorknob-back.stl**

## Print files



**top-cover\_02mm\_pla\_mini\_5h25m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 5.41 hrs ⚖️ 67 g 🖨️ Prusa MINI / MINI+



**vase-mode-box\_big\_02mm\_pla\_mini\_2h29m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 2.48 hrs ⚖️ 27 g 🖨️ Prusa MINI / MINI+



**tray-big\_02mm\_pla\_mini\_9h18m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 9.29 hrs ⚖️ 114 g 🖨️ Prusa MINI / MINI+



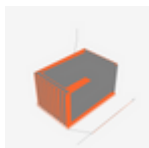
**tray-circle\_02mm\_pla\_mini\_6h4m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 6.06 hrs ⚖️ 65 g 🖨️ Prusa MINI / MINI+



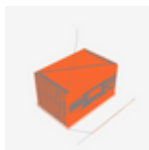
**slanted-left\_025mm\_pla\_mini\_8h44m.gcode**

🌀 PLA 📏 0.40 mm ⚖️ 0.25 mm ⌚ 8.74 hrs ⚖️ 165 g 🖨️ Prusa MINI / MINI+



### module-large\_025mm\_pla\_mini\_8h16m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 8.26 hrs ⚖️ 146 g 📄 Prusa MINI / MINI+



### module-circular\_025mm\_pla\_mini\_12h9m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 12.15 hrs ⚖️ 241 g 📄 Prusa MINI / MINI+



### slanted-right\_025mm\_pla\_mini\_8h39m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 8.65 hrs ⚖️ 164 g 📄 Prusa MINI / MINI+



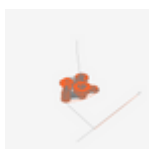
### side-cover-long\_02mm\_pla\_mini\_3h9m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 3.15 hrs ⚖️ 26 g 📄 Prusa MINI / MINI+



### side-cover-short\_02mm\_pla\_mini\_49m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.82 hrs ⚖️ 7 g 📄 Prusa MINI / MINI+



### doorknob-back\_02mm\_pla\_mini\_2h2m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 2.03 hrs ⚖️ 19 g 📄 Prusa MINI / MINI+



### tray-triangle\_small\_02mm\_pla\_mini\_4h41m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 4.68 hrs ⚖️ 50 g 📄 Prusa MINI / MINI+



### module-triangular\_025mm\_pla\_mini\_10h56m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.25 mm ⌚ 10.93 hrs ⚖️ 177 g 📄 Prusa MINI / MINI+



### tray-triangle\_large\_02mm\_pla\_mini\_7h36m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 7.60 hrs ⚖️ 90 g 📄 Prusa MINI / MINI+



### tray-small\_02mm\_pla\_mini\_11h39m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 11.65 hrs ⚖️ 139 g 📄 Prusa MINI / MINI+



### vase-mode-box\_small\_02mm\_pla\_mini\_1h56m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 1.94 hrs ⚖️ 16 g 📄 Prusa MINI / MINI+



### module-small\_025mm\_pla\_mini\_9h22m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.25 mm ⌚ 9.37 hrs ⚖️ 166 g 📄 Prusa MINI / MINI+

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