



Under Desk Drawer



Paul

[VIEW IN BROWSER](#)

updated 24. 9. 2023 | published 24. 9. 2023

Summary

A small drawer that is designed to be installed underneath a desk, with a base size of approximately 166mm x 176mm.

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

Tags: [desk](#) [drawer](#) [under](#) [underdesk](#) [deskdrawer](#)
[underdeskdrawer](#) [underdeskdrawers](#)

Also check the model out on MakerWorld for BambuLabs printers print-profiles!

Update 6th May 2023:

Thanks for the great feedback everyone that downloaded and made this model! I finally had time to make a new version. I've added a few things to the model:

- A stopper that stops the drawer from being pulled out completely. Designed in a way that you do not need any supports or extra prints.
- Made the whole drawer about 2 perimeters thicker (0.8mm) (except the bottom). It is way sturdier that way. This was also needed to keep the stopper mechanism working. Otherwise the whole drawer bent too much when pulling it all the way out.

- Added an alternative version without the handle, but with just a hole to install your own (maybe 3D printed) handle yourself. The hole has a diameter of 4.2mm to install handles with a M4 screw.
- Added a middle piece to join multiple drawers together
- Added versions without the grid in the bottom.

I am also currently working on some inserts which I will upload in a few days.

Under Desk Drawer

This model is designed to fit underneath your desk, providing easy access to your pens, papers, notebooks, and other essentials. Features a smooth sliding mechanism to ensure that your items stay secure and within reach. Plus, it's easy to install with the three mounting holes on each side. (I installed it with two on each side which works just fine.)

The size of the bottom plane is approximately 166mm (width) x 176mm (depth) x 30mm (height).

The slides are just mirrored versions of each other.

Supports only needed for the drawer handle.

Fits a 200mm x 200mm print bed.

Installation

This is the way that worked best for me, there may be better ways to install the drawer. Feel free to comment if you find a easier way :)

- Mount the slide that you plan to use as the outer-most first. Install one screw, align the slide perpendicular to the desk and install the second screw for the first slide.
- Take the drawer and hold it against the slide. Take the next slide and press it against the drawer where it should be. Install the back screw first and then the second one.
- Repeat for each middle slide you plan to use. The middle slide has the same dimensions as a regular slide, so you can reuse the holes if you want to make it bigger later.

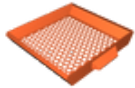
Use two 3mm Screws per slide to mount the drawer to your desk. **Be careful to not overtighten the screws as it may break the mounting holes depending on your material/print settings!**

Model files



old versions

3 files



deskdrawer_body_v3.stl



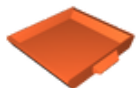
deskdrawer_leftslide_v3.stl



deskdrawer_rightslide_v3.stl



deskdrawer_body_nohandle_nogrid_v12.stl



deskdrawer_body_nogrid_v12.stl



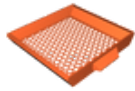
deskdrawer_rightslide_v12.stl



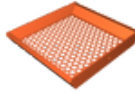
deskdrawer_leftslide_v12.stl



deskdrawer_middleslide_v12.stl



deskdrawer_body_v12.stl



deskdrawer_body_nohandle_v12.stl

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc/4.0/)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition