



Hinged SD / microSD Card Box - Gridfinity compatible, latching, print-in- place



nerdpersonthing

[VIEW IN BROWSER](#)

updated 5. 12. 2024 | published 5. 12. 2024

Summary

An SD card box with space for 12 microSD and 3 full SD cards. Has a hinged lid that latches shut. Fits Gridfinity bases.

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

Tags: [box](#) [organizer](#) [case](#) [printinplace](#) [sdcard](#) [microsd](#)

A box/holder for your SD cards! It holds up to 12 microSD cards and 3 full-size SD cards. It also has an integrated lid connected via a print-in-place linkage, which latches securely shut to ensure your SD cards won't fall out on the go. The base and overall dimensions fit the Gridfinity spec as well (1x1), if you wish to slot it into any existing Gridfinity organization system.

This is a remix of fugalster's SD card box ([Thingiverse](#)), which in turn is a remix of povsky's linkage box ([Thingiverse](#)).

I've included several STL files with different tolerances for the print-in-place linkage mechanism. I'd recommend using the smallest tolerance your printer can handle; this was designed and tested for the 0.3mm-

tolerance version, but you can move up to a larger tolerance if you're having trouble.

EDIT (2024-10-17): Added a variant with a stacking lip on the top surface to allow stacking multiple boxes on top of one another (or with other Gridfinity objects). Thanks to [@mdzi](#) for the feedback!

EDIT (2024-12-04): Fixed an issue with the stackable versions not having break-away bridges at the bottom of the arms (thanks [@HackerJack42_31344](#)!) Also added a 0.2mm-tolerance version, for the couple of people who thought the 0.3mm default version was too loose :)

This remix is based on



Print in Place SD Card Box

by [fugalster](#)

Model files



Standard (0.3mm) Tolerance

2 files



sd-box-03mm.stl

☐ Use this one by default! 0.3mm tolerance.



sd-box-stackable-03mm.stl

☐ Version with a stacking lip on the top surface. 0.3mm tolerance.



Other Tolerances

6 files



sd-box-04mm.stl

☐ 0.4mm tolerance.



sd-box-stackable-04mm.stl

☐ 0.4mm tolerance, stackable.



sd-box-05mm.stl

☐ 0.5mm tolerance.



sd-box-stackable-05mm.stl

☐ 0.5mm tolerance, stackable.



sd-box-02mm.stl

☐ 0.2mm tolerance.



sd-box-stackable-02mm.stl

☐ 0.2mm tolerance, stackable.

License ©



This work is licensed under a
Creative Commons (4.0 International License)

Attribution-NonCommercial

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

