



## Bambu Lab X1C Top Glass Spacer / Riser / Mount with Vents, magnet support With LED Track and optional glass Hinge

e eP3d

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### Summary

Bambu Lab X1C Top Glass Spacer / Riser / Mount with Vents, magnet support With LED Track and optional glass Hinge

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[bambulabx1carbon](#) [x1carbon](#) [ledtrack](#) [glasstop](#)  
[bambulabx1glass](#) [glasshinge](#)

\*\*\*\*\* This Version 2, an improvement to my previous design. \*\*\*\*\*

Older version can be found here: <https://www.printables.com/model/486437>

This design adds a LED track at 45 degrees for optional LED mounting, to enhance the lighting inside the enclosure. also added small clip area in the corner to wrap the LED wires.

This design uses TPU inserts to hold the frame's four sections together. Just print the Frame Connector TPU 4 Times and use to hold the frame.

I also added an optional hinge for the glass, so it's easy to open for short maintenance. This is an add on and not necessary to print.

If you like this design, I would appreciate it if you [buy me coffee](#).

\*\*\*\*\* This Version 2, an improvement to my previous design. \*\*\*\*\*

I use these reliable filament in my Bambu Lab printer:

- [High Speed PLA 3D Printing Filament](#)
- [Certified Food Grade PETG 3D Printer Filament](#)
- [PLA 3D Printer Filament](#)
- [PETG 3D Printer Filament](#)
- [Silk PLA 3D Printer Filament](#)

I wanted a base / riser / spacer for the top glass that has some vents in it and is strong enough to hold the AMS system when seated on top, and has some magnets to hold it in place when opening the glass.

I copied the sketch profile from [here](#) and after drawing the glass shape in Fusion 360, I created this design.

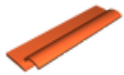
I made 7 holes for double magnet 10x3mm total 14 magnets to make it solid enough thru the X1C glass padding on top.

In the design I created 1 layer before the hole for the magnets since I wanted to insert the magnets while printing and have them embedded inside the structure. You can modify and remove this layer or just slice it with -0.2mm Z offset if you do not want to do that.

I printed it with 0.2mm layer height, 3 walls and 10% infill. I added a pause before layer 32, inserted the magnets and continued printing.

If you like my design, I would appreciate it if you [buy me coffee](#).

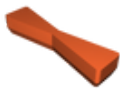
# Model files



**hinge-glass-part.stl**



**hinge-base.stl**



**frame-connector-tpu-x4.stl**



**frame-back-left.stl**



**frame-front-right.stl**



**frame-front-left.stl**



**bambu-lab-x1c-top-glass-spacer-with-led-track-and-h... .3mf**



**frame-back-right.stl**

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