



# Display Mounting Bracket - Fusion 360



ECF

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## Summary

This is a corner bracket for mounting the SmartiPi Touch 2 monitor enclosure housing the Raspberry Pi Official 7"...

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[f360](#) [smartpi](#)

This is a corner bracket for mounting the SmartiPi Touch 2 monitor enclosure housing the Raspberry Pi Official 7" Touch Screen. These parts were chosen because I had them on-hand from previous projects and wanted to use them on my Railcore II 3D printer. The bracket might also work for other applications or similar printers. Bracket mounting holes are M4 clearance and monitor mounting holes are M4 tapped (modeled threads).

The SmartiPi housing is designed to include the Raspberry Pi, but my Pi is mounted inside the electronics enclosure on the printer side panel. All I needed was a longer ribbon cable to make it work. Power for the monitor comes from a stand-alone Mean Well 5V supply, also mounted inside the electronics enclosure.

Designed in Fusion 360 with f3d and step files included.

Raspberry Pi Official 7" Touch Screen - [https://www.amazon.com/Raspberry-Pi-Official-Touch-Screen/dp/B073S3LQ6Q/ref=sr\\_1\\_3](https://www.amazon.com/Raspberry-Pi-Official-Touch-Screen/dp/B073S3LQ6Q/ref=sr_1_3)

SmartiPi Touch 2 Display Enclosure - [https://www.amazon.com/SmartiPi-Touch-Official-Raspberry-Touchscreen/dp/B07WXK38YM/ref=sr\\_1\\_1\\_ssapa](https://www.amazon.com/SmartiPi-Touch-Official-Raspberry-Touchscreen/dp/B07WXK38YM/ref=sr_1_1_ssapa)

Mean-Well 5V Power Supply - [https://www.amazon.com/MEAN-WELL-LRS-100-5-Switching-Enclosed/dp/B07DKCMJN9/ref=sr\\_1\\_1\\_ssapa](https://www.amazon.com/MEAN-WELL-LRS-100-5-Switching-Enclosed/dp/B07DKCMJN9/ref=sr_1_1_ssapa)

## **Print Settings**

### **Printer:**

Railcore II 300XL

### **Rafts:**

No

### **Supports:**

No

### **Resolution:**

.20

### **Infill:**

15%

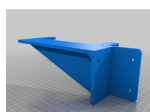
### **Filament:**

Zyltech PTEG

Black

Category: 3D Printer Accessories

## **This remix is based on**



### **Display Mounting Bracket**

by HDVideo

# Model files



monitor\_bracket\_v6.f3d



monitor\_bracket\_v6.3mf



monitor\_bracket\_v6.step



monitor\_bracket\_v6.stl

[Find source .stl files on Thingiverse.com](#)

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