

# Prusawire Electronics Tower



TheNexusAvenger

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## Summary

Electronics mount for the Prusawire using the xBuddy board electronics box from the Prusa MK4.

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Tags: [prusa](#) [mk4](#) [switchwire](#) [mk4s](#) [prusawire](#)

The stock Prusawire puts most of the electronics on the bottom and does not re-use the xBuddy box used on the MK3.5, MK3.9, and MK4. This alternative mount option bundles all of the following hardware in a tower meant to mimic the MK4 design:

- Door puller
- MCU (BTT SKR Mini provided, please remix for others)
- Raspberry Pi
- 24V to 5V DC buck converter
- WAGO 221-413s
- (Optional) USB hub

There is also a 1x2 Gridfinity mount at the top of the optional cable holder (for LDO Nitehawk). The USB ports and networking are all accessible from the back of the tower.

See the [GitHub repository for printing and assembly](#). Some parts are mutually exclusive (as in, if 1 is printed, the other shouldn't) - make sure to read the bill of materials before printing.

## This remix is based on



**Prusawire 2025.B1 (BETA 1)**

by Ella Fox

## Model files



**STEP**

19 files



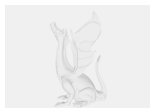
**btt\_skr\_electronics\_mount.step**



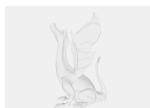
**door\_puller\_anchor.step**



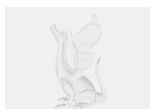
**door\_puller\_frame\_mount.step**



**door\_puller\_idler\_bracket.step**



**door\_puller\_front\_cover.step**



**door\_puller\_mount\_cover.step**



**electronics\_box\_top\_cover\_simple.step**

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**electronics\_top\_cable\_cover\_gridfinity.step**

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**electronics\_top\_cable\_holder.step**

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**heatbed\_cable\_holder.step**

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**Ido\_nitehawk\_usb\_board\_holder.step**

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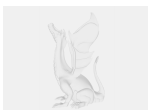
**lower\_electronics\_bottom\_cover.step**

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**lower\_electronics\_main\_cover.step**

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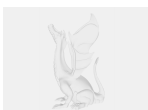
**lower\_electronics\_raspberry\_pi\_back\_wall.step**

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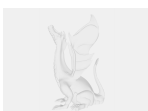
**lower\_electronics\_raspberry\_pi\_base\_wall.step**

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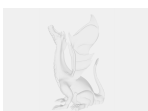
**lower\_electronics\_top\_cover.step**

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**upper\_frame\_mount.step**

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**wago\_221-413\_mount.step**

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**xbuddy\_electronics\_holder\_bottom\_mount.step**



**STL**

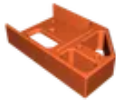
20 files



**btt\_skr\_electronics\_mount.stl**



**door\_puller\_anchor.stl**



**door\_puller\_frame\_mount.stl**



**door\_puller\_front\_cover.stl**



**door\_puller\_idler\_bracket.stl**



**door\_puller\_mount\_cover.stl**



**electronics\_top\_cable\_cover\_gridfinity.stl**



**electronics\_top\_cable\_holder.stl**



**electronics\_box\_top\_cover\_simple.stl**

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**heatbed\_cable\_holder.stl**

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**ldo\_nitehawk\_usb\_board\_holder.stl**

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**lower\_electronics\_bottom\_cover.stl**

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**lower\_electronics\_main\_cover.stl**

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**lower\_electronics\_raspberry\_pi\_back\_wall.stl**

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**lower\_electronics\_raspberry\_pi\_base\_wall\_reduced\_lo... .stl**

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**lower\_electronics\_top\_cover.stl**

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**upper\_frame\_mount.stl**

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**wago\_221-413\_mount.stl**

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**xbuddy\_electronics\_holder\_bottom\_mount.stl**



**lower\_electronics\_raspberry\_pi\_base\_wall.stl**

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