



BTT PITFT50 Pi Mount

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Summary

Mount a rpi on the back of the btt pitft50 on my voron 2.4, while being able to plug in usb cables

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I installed a btt pitft50 onto my voron v2 using alanho's mount and wanted to free up some space in my electronics bay by mounting the pi on the rear of the screen. This mount raises the pi allowing it to clear the screens mount and offsets it higher to allow usb cables to be plugged in through the side (messy but free) or use a ribbon type usb cable which will be within the skirting for the screen .

Print Settings

I used standard voron print settings

BOM

4x m2.5x10mm SHCS to install on screen

4x m2x10 self tapping screws

optional

Ribbon type usb cable, I used these

s2-t2 length to suit your printer

https://www.aliexpress.com/item/4000325524998.html?spm=a2g0o.order_list.order_list_main.10.21ef1802D0tOtj

S2A-S4B (will be uploading a holder one day)

https://www.aliexpress.com/item/1005002787867678.html?spm=a2g0o.order_list.order_list_main.15.21ef1802D0tOtj

This is the screen mount I used

https://github.com/VoronDesign/VoronUsers/tree/master/printer_mods/alanho/BTT_PITFT50_v2_Mount

Model files

spacer-long.3mf

☐ Print 4 of these

pitft50-pi-mount-offset.3mf



btt-pitft50-pi-offset-mount.f3d

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