



## 5" BTT tft50 v3.0 Ender 3 display



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### Summary

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I've been working on it thru a few iterations. I like the BigTreeTech 5" tft 50 v3.0. The mounting solution from BTT lacked strength in my opinion, so I have been trying to fix it. So when I touched it there was too much flex. I put a ring around the reset button not that it's been a problem. I did drill the four holes out that attach the screen out after printing so that I could mount the screen tighter. On the rear of the M3 screws I used T-nuts that just cleared parts and were easier to thread on and remove by hand. I would drill pilot holes from the back with a smaller bit then use a bit that fits the M3 diameter from the front to make the holes look better. The small partial box on the bottom is a guide for me to cut out for my table. Also I put some extra material on the inside so an extra hole could be drilled to allow for a T-nut into the side rail which will tighten up everything. Got the T-nut in with the smallest M3 that came with [Amazon](#) screw kit and I am pleased with the strength it provided. All holes do need to be enlarged but with the pilot holes printed it makes it easier to drill them without messing up the front.

Category: 3D Printer Parts

## Model files



**tft50\_case\_rotated.stl**



**tft50\_case\_rotated7.stl**

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

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