

# Pine64 Quartz64 Model A Acrylic Open Enclosure



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VIEW IN BROWSER

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## Summary

Clone of [https://wiki.pine64.org/wiki/Model\\_A\\_Acrylic\\_Open\\_Enclosure](https://wiki.pine64.org/wiki/Model_A_Acrylic_Open_Enclosure)

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Tags: pine64 quartz64a

Here it is a verbatim copy of the original one created by Counterpillow (also next info is borrowed from [https://wiki.pine64.org/wiki/Model\\_A\\_Acrylic\\_Open\\_Enclosure](https://wiki.pine64.org/wiki/Model_A_Acrylic_Open_Enclosure) )

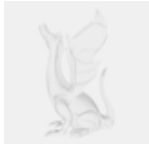
User:CounterPillow has created an alternate 3D-printable top plate which allows for the mounting of a 40mmx40mmx10mm fan, as well as allowing for PCIe cards to be mounted while the case is assembled. The STL and STEP files **are available free of charge, licensed as CC-BY 4.0.**

A fan is mounted to it using self-tapping fan screws usually shipped with computer fans; put the fan on the underside of the plate, and screw in the self-tapping screws from the top side. You can either have the fan exhaust air through the top, or blow it onto the SoC's heatsink. The latter configuration appears to work better, but precise measurements haven't been made yet.

Recommended printing material is PETG for its structural rigidity. However, PLA will likely work fine as well, and is easier to print. A 0.6mm nozzle was

used for test prints, but any nozzle should work. Depending on the layer height you choose, your print may come out slightly thicker or thinner; this is no problem though. It's recommended to enable the advanced "Detect Thin Walls" option in slic3r to get a cleaner g-code result around the fan holes.

## This remix is based on



**Model A Acrylic Open Enclosure**

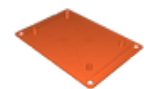
## Model files



**pine64-model-a-top.stl**



**pine-model-a-top.step**



**quartz-bottom.stl**

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