



Cheapino case with basic tenting

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Summary

Case for the Cheapino ergonomic split mechanical keyboard with basic tenting.

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Case for the Cheapino ergonomic split mechanical keyboard with basic tenting.

I do not know how to do CAD 3D modelling so it is a bit crude.

There is no clip that holds onto the PCB for example. It relies on friction from the tight tolerances.

I printed mine with PLA on my Prusa Mini and it fits like a glove. The brim will be above the PCB if there is no feet under it.
It sits flush with 2mm thick rubber feet stuck under the PCB.

The screws I used for tenting were M3 screws and they threaded themselves easily.

Just flip the model to get the left half.

Improvements can be made to the tenting mechanism and standoffs could be added to the case so the PCB makes contact with the case instead of the solder joints doing so.

There are STLs for the PCB, tenting case, flat case and a deeper flat variation.

The PCB STL was extracted from the .step files available on the creator's github.

<https://github.com/tompi/cheapino>

Model files



cheapino_right_case_tenting.stl



cheapino_right_case_deeper.stl



cheapino_right_pcb.stl



cheapino_right_case_flat.stl

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