Corne keyboard case

▽ **VOID**

VIEW IN BROWSER

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Summary

Corne case compatible with v2 and v3 hotswap PCBs and fr4 top plates.

Gadgets > Computers

Tags: case corne crkbd keyboard wireless zmk

Crkbd / Corne case compatible with v2 and v3 hotswap PCBs and fr4 top plates.

Builds pictured in this thing were purchased from 42keebs (the kit includes pcbs, trrs jacks, reset switches, diodes and hotswap sockets, top and bottom plates, oled covers as well as an assortment of screws and standoffs; we made use of the covers, standoffs and top plates).

Big thank you to eiga for the videos including the SLS PA12 nylon version of the case, as well as a transparent resin print of it.

Files

- **corne_case_eiga_tented** - flat case design with custom tenting
- **corne_case_flat** - flat case design
- **corne_case_flat_5_col** - flat case design for 5 column pcb

- **corne_case_1.5d_600mah** - 1.5 degree outward slope, designed for nice!nano wireless builds; it has a tray for a 304050 3.7V 600mAh Li-Po battery (attached w/ double sided tape)

Bill of materials

- 10 x m2x8mm countersunk screws - aliexpress
- 10 x m2x6mm button head screws - aliexpress
- 10 x m2x8mm female-female standoffs - aliexpress (for standard 1.6mm fr4 plates; if you plan on using thicker plates, such as 3mm acrylic ones, you will need to subtract the difference in thickness from the standoff, eg: 3mm plates would require 6.5mm standoffs)
- 8 x m5 socket head cap screws of various lengths according to your own preference, for the tenting version - aliexpress
- 8 x m5 locknuts, for the tenting version - aliexpress
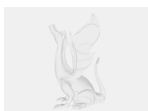- 4.7mm inner diameter rubber caps, for the tenting version - aliexpress

Misc

- battery life with 600mah Li-Po is ~2 months on the central half (60 days of usage with 20% remaining charge, own testing), 9+ months on the peripheral (tbc, quoted by the zmk power profiler)
- battery life with 110mah Li-Po is ~1 week on the central half, ~3 weeks on the peripheral

Model files

corne_case_eiga_tented_left.stl

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corne_case_eiga_tented_right.stl

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corne_case_eiga_tented_right.step

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corne_case_flat_left.stl

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corne_case_flat_right.stl

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corne_case_flat_5_col_left.stl

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corne_case_flat_5_col_right.stl

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corne_plate_5_col_right.stl

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corne_case_15d_600mah_left.stl

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corne_case_15d_600mah_right.stl

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