



CNC Case with GX Sockets for MKS DLC32 v2.x + GRBL_SPD for Makita Routers and a Buck Converter



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Summary

CNC Case w/ GX Sockets for MKS DLC32 v2.x + TS24 LCD or .96" OLED + GRBL_SPD for Makita Routers and a Buck Converter.

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Tags: [router](#) [cnc](#) [makita](#) [makitarouter](#) [gx12](#) [gx16](#)
[grblcnc](#) [dlc32](#) [mkstdlc32](#) [ts24r](#) [grblspd](#)

A more advanced CNC Case with aircraft style GX16 and GX12 Sockets for MKS DLC32 v2.x + TS24R LCD + GRBL_SPD and Buck Converter. The cool air is pulled from the right hand side vents ensuring temps stay nice and low.

GRBL_SPD for Makita Routers available [HERE](#).

MP1584EN DC-DC Buck Converter available [HERE](#)

CAD file is included for remixing

Notes:

- TS24 is attached by M3 x 6mm Bolts which self will self-tap
- The lid attaches with M3 x 10 mm Bolts which also self-tap
- The Spindle and Steppers use 5 Pin and 4 Pin Female GX16 Sockets
- The Limit Switches use 3 Pin Mini Female GX12 Sockets
- The Probe / e-Stop ports are just a panel mount 3.5mm Audio sockets
- There is an optional insert to replace the TS24 LCD with a FluidNC compatible .96" OLED Display. I just glued it in. The OLED screen attaches to the insert with 4x M2 x3.5mm screws.
- I've included my Config.yaml file with the correct PWM settings for GRBL_SPD

GRBL_SPD Controller testing:

This remix is based on



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by djos_1475

Model files



cnc-case-bottom-v35-gx12-gx16.stl



cnc-case-top.stl



oled-insert.stl

cnc-case-v35-gx12-gx16.step

Other files

configyaml.zip

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