



Bicolor Remix and lid for 3D Printer Monitor for Octoprint ESP8266 NodeMCU



arminth

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Summary

Update as of Feb 22 2020: I have added the cover (lid.stl) to the files. I had simply forgotten to include it. Sorry!!...

[3D Printers](#) > [Accessories](#)

Tags: [octoprint](#) [esp8266](#) [nodemcu](#) [nodemcuamica](#)

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I found the great remix from @wabbitguy to use NodeMCU Amica for the Octoprint monitor.

I had all kind of displays lying around amongst one was a bicolor version of it. Due to the information displayed, it has to be mounted 180° rotated which was not possible with the original remix. So I basically added a hole and removed a bit of material from the mount to create space for some smt components.

When using a bicolor display, you have to very gently remove the glas display from the doublesided tape on the pcb. Then move it up until the

glas is flush with the upper edge of the pcb. That means you can only use the lower two screws to attach it but this is fine. Please also make sure to use the opposite M3 screws to attach the NodeMCU as displayed on the pictures.

In addition, I have added a snug fit no screws cover for the back leaving enough space to get to Dupont jumperwires from one case to another to daisychain the modules. It works for two with only one hooked up to USB. Saves cable-mess!

Once again thanks for the original design from which I have included the monitor case itself and the original mounts to make the openSCAD files work.

Enjoy!

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Resolution:

0.2mm

Infill:

15%

Filament:

Noyes PLA

Black

Category: 3D Printer Accessories

Model files



octoprint_monitor_gt_bicolor_mod.stl



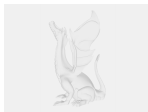
octoprint_monitor_rt_bicolor_mod.stl



octoprint_monitor_rt.stl



octoprint_monitor_gt.stl



octoprint_monitor_rt_gt_bicolor_mod.scad



lid.stl



octoprint_monitor_case.stl

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

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