

ModuShop

4U Deluxe Case Build Guide

This guide details the assembly of ModuShop's 4U Deluxe chassis with optional handles and LED holes.



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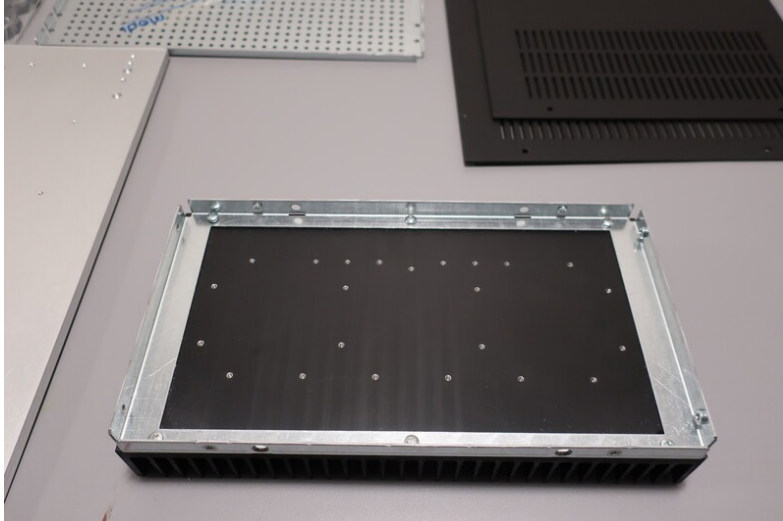
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roboDNA
lou@robodna.com

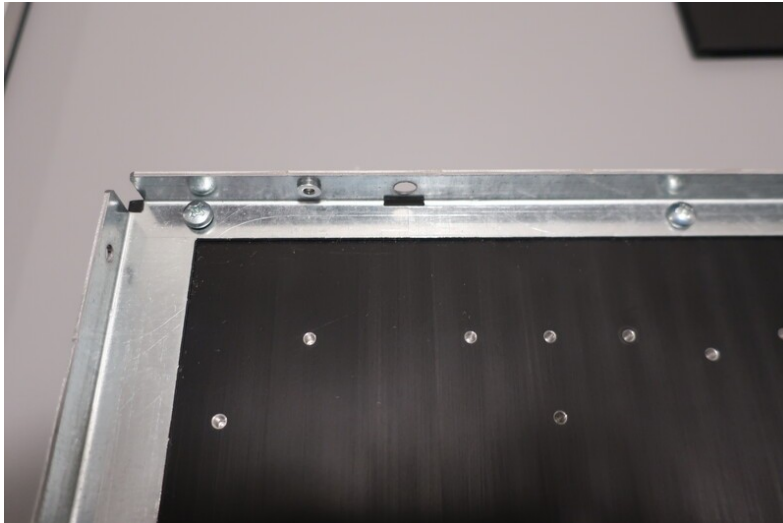
Step 1 - Heatsink Frames

- A. Attach each frame to a heatsink using 6 silver screws.
- B. Leave the screws tight enough to hold the frame flush to the heatsink, but loose enough to allow the frame to move

(Fig 1.1)



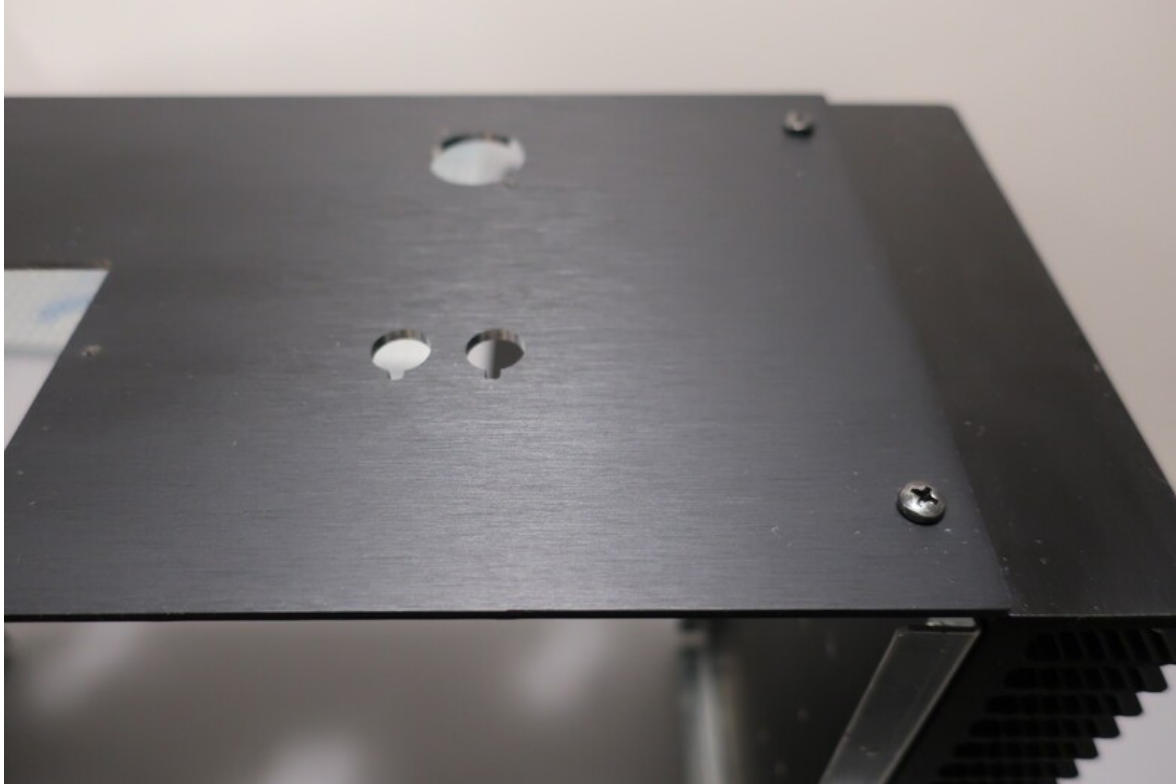
(Fig 1.2)



Step 2 - Back Panel

- A. Stand the 2 heat sinks vertically on your workbench.
- B. Leaving the heatsinks vertical, place the back panel on top of the ends of the heatsinks.
- C. Using black screws and nuts, attach the panel to the heat sinks, leaving the screws slightly loose. (*Fig 2.1*)

(*Fig 2.1*)



Step 3 - Bottom Panel

- A. Lay the case horizontally flat.
- B. Line up the 4 panel holes with the holes on each heatsink frame. (*Fig 3.1*)
- C. Attach the bottom panel using small black hex screws, leaving them slightly loose. (*Fig 3.2*)

Fig 3.1

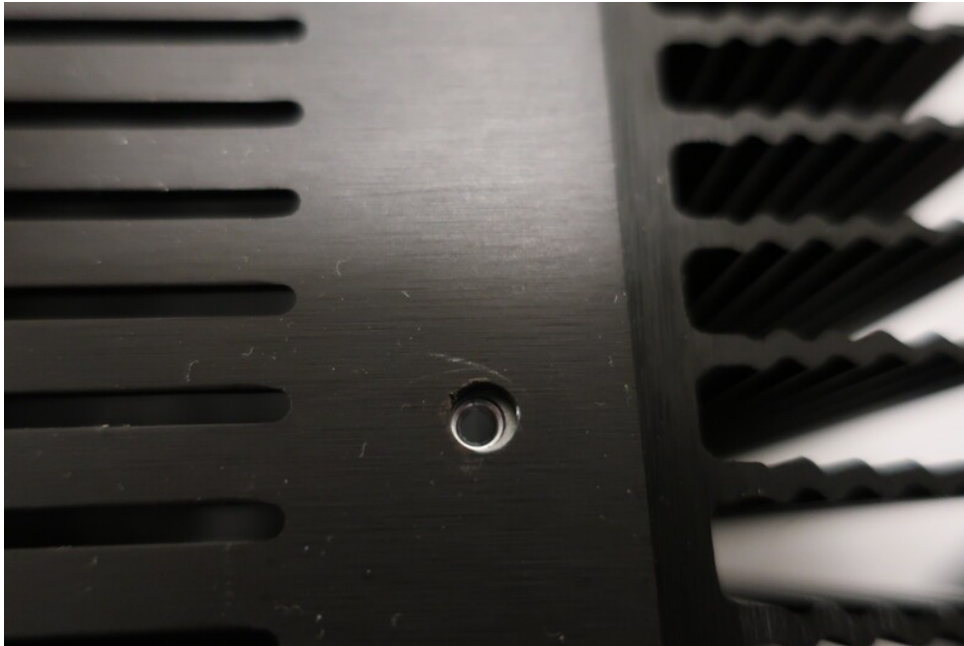


Fig 3.2



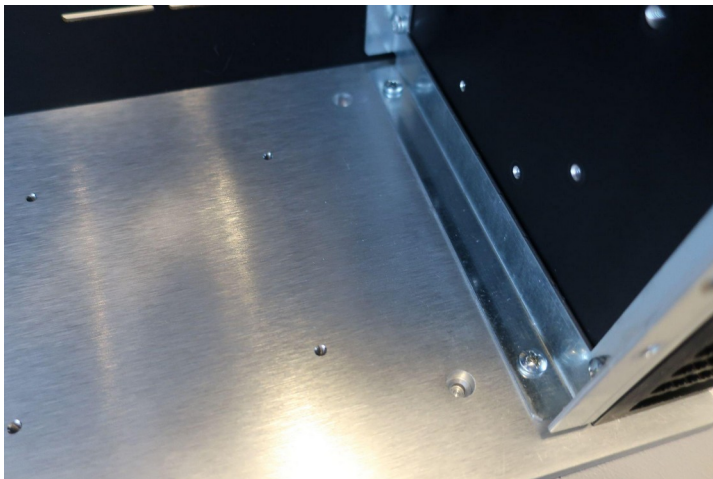
Step 4 - Front Panel

- A. Lay the main front aluminum/iron panel face down and lift the heatsinks and back panel onto it. (*Fig 4.1*)
- B. Line up the heatsink frame screw holes to the front panel screw holes.
- C. Using 2 silver screws per side, attach the heatsink frame to the front panel. Tighten the screws. Do not overtighten. (*Fig 4.2*)

(*Fig 4.1*)



(*Fig 4.2*)



Step 5 - Tighten Frames and Back Panel

- A. Flip the case over so that it lays flat horizontally. Ensure it lays flush with the workbench (*Fig 5.1*)
- B. Slide the front panel over the edge of the workbench (*Fig 5.2*)
- C. Tighten all 6 screws for each heatsink frame. (*Fig 5.3*)
- D. Tighten all 4 screws and nuts for the back panel. (*Fig 5.4*)

Fig 5.1

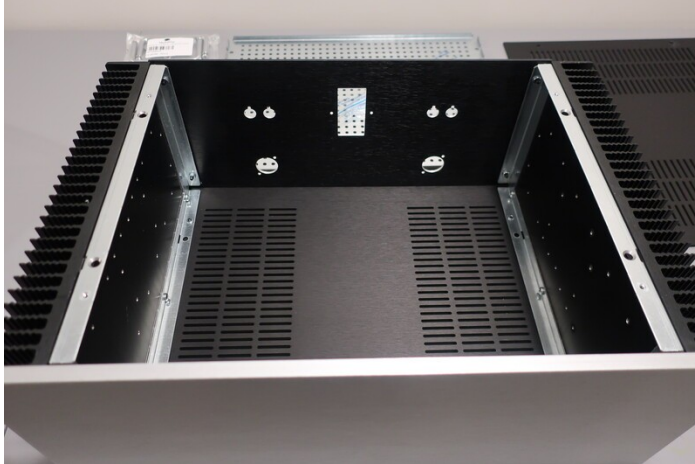


Fig 5.2



Fig 5.3



Fig 5.4



Step 6 - Tighten Bottom Panel

- A. Flip the case over with the bottom panel facing up. (*Fig 6.1*)
- B. Tighten all 4 hex screws.

Fig 6.1



Step 7 - Fit Top Panel

- A. Flip the case over so that it lays flat horizontally, with the top panel side facing up. (*Fig 7.1*)
- B. Ensure all holes on the top panel align with the holes in the heatsink frames. Leave screws off until the PSU and boards have been mounted inside the case.

Fig 7.1



Step 8 - Drill LED Holes

TBD

Step 9 - Install Handles

TBD

Step 10 - Install Feet

TBD

Build Tips

- Use a soft cloth between the work bench and the heat sinks and front face plate during assembly.