

Cyberdeck: Part Seven

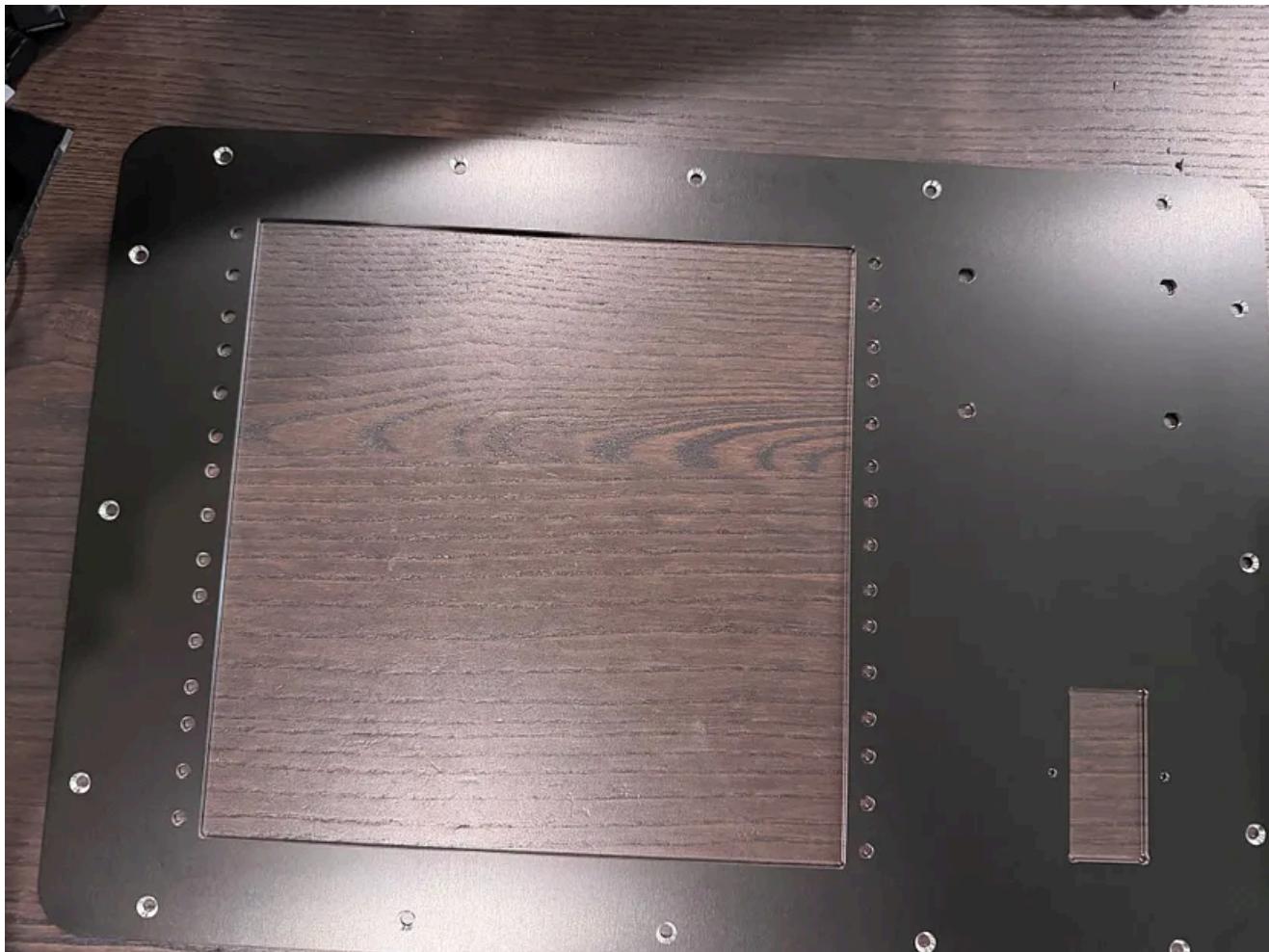
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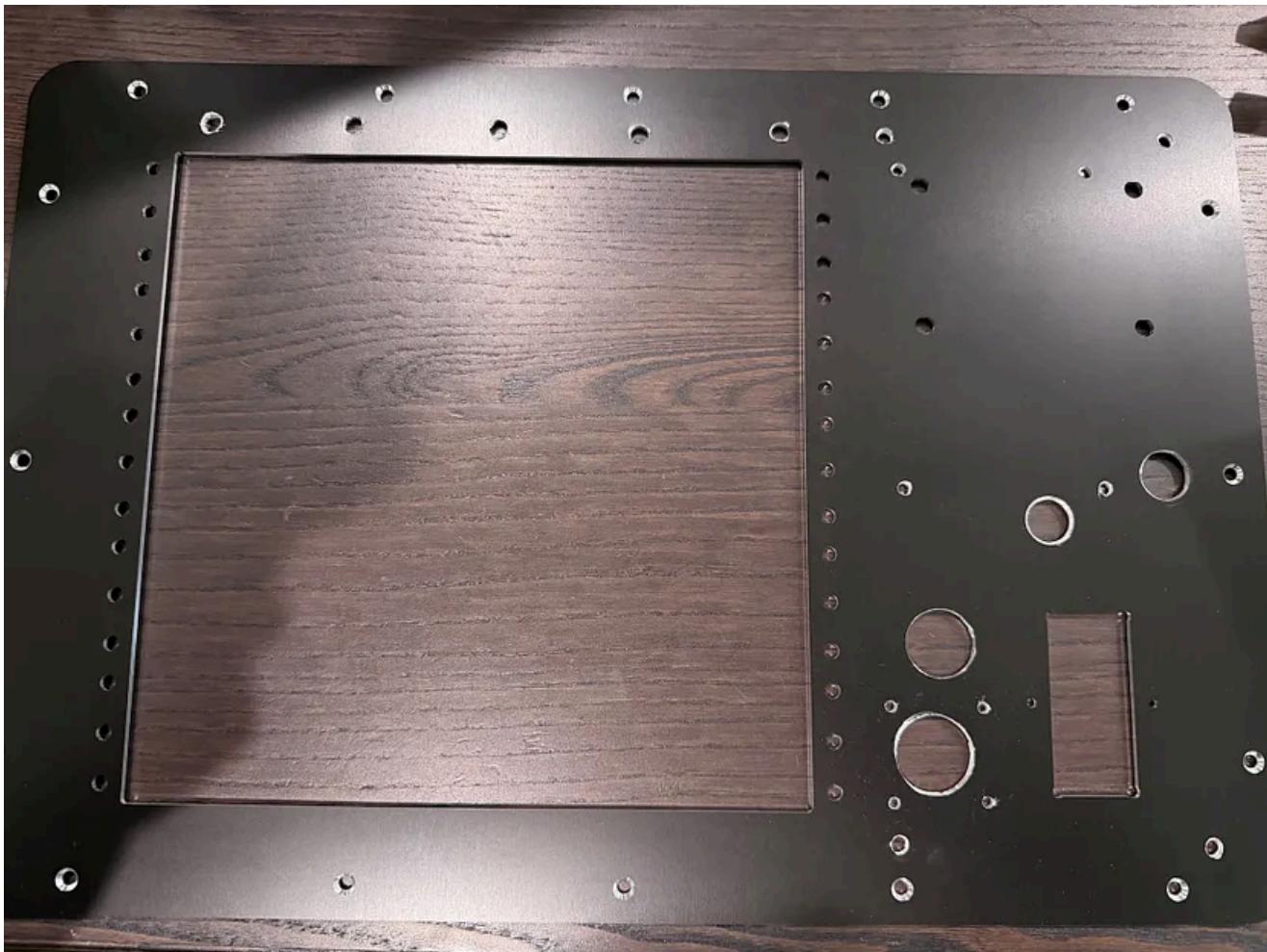
Build day three and four were productive and the Cyberdeck is nearly ready to power up. Just a few parts are lacking due to holiday shipping delays...

- 1U LCD display
- N connector to RP-SMA cable needs to be replace as the bend radius was too tight — 90 degree version on the way
- Mayhem Portapak HackRF One is here in town, but currently being delayed by FedEx two days in a row
- Some neoprene foam to line the lid and protect the keyboard

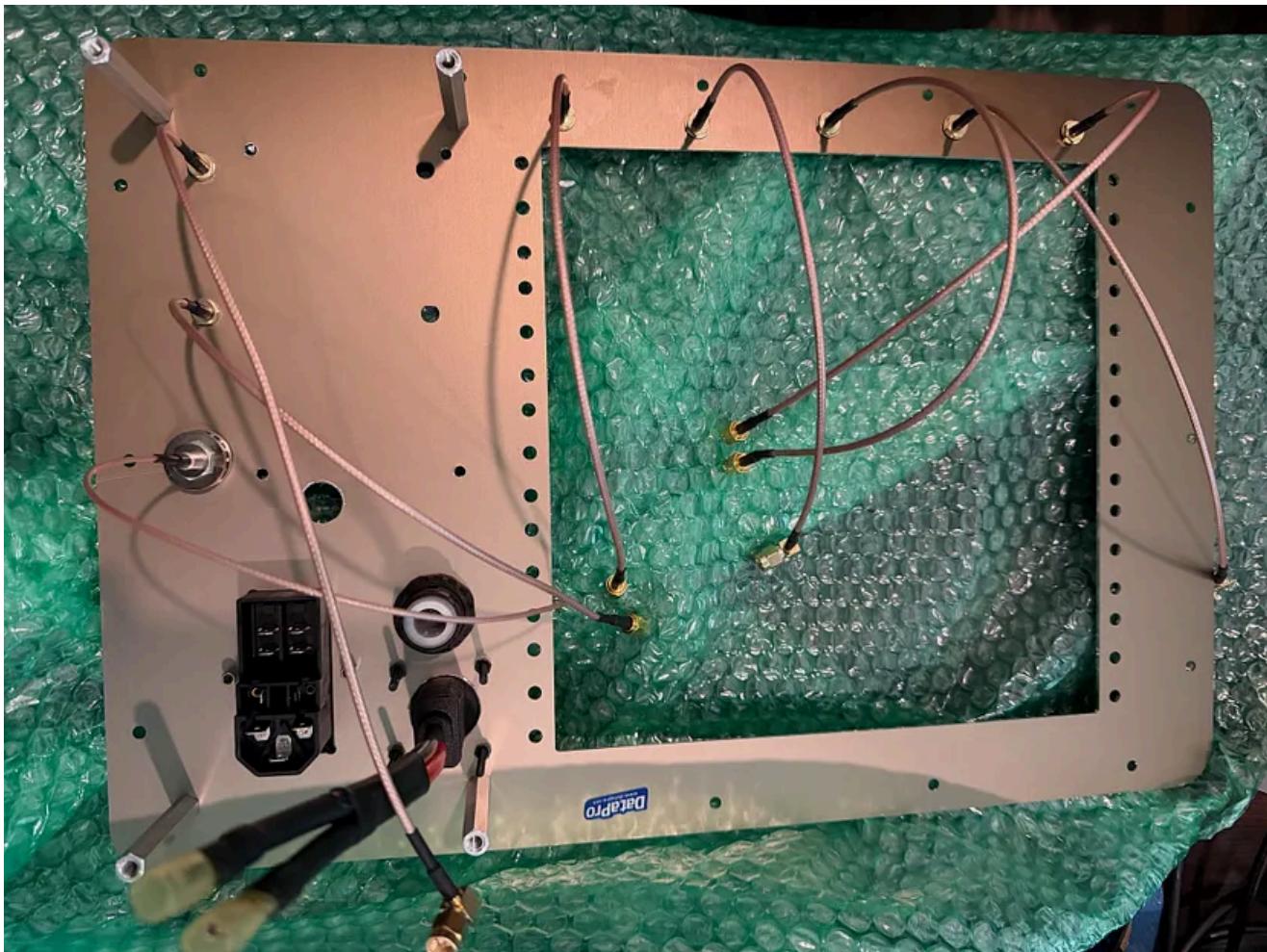
By the weekend all parts should be here and we should be ready for final assembly and power up. In the meantime, enjoy the build photos.



Custom plate from DataPro arrived. Great quality, worth every penny.



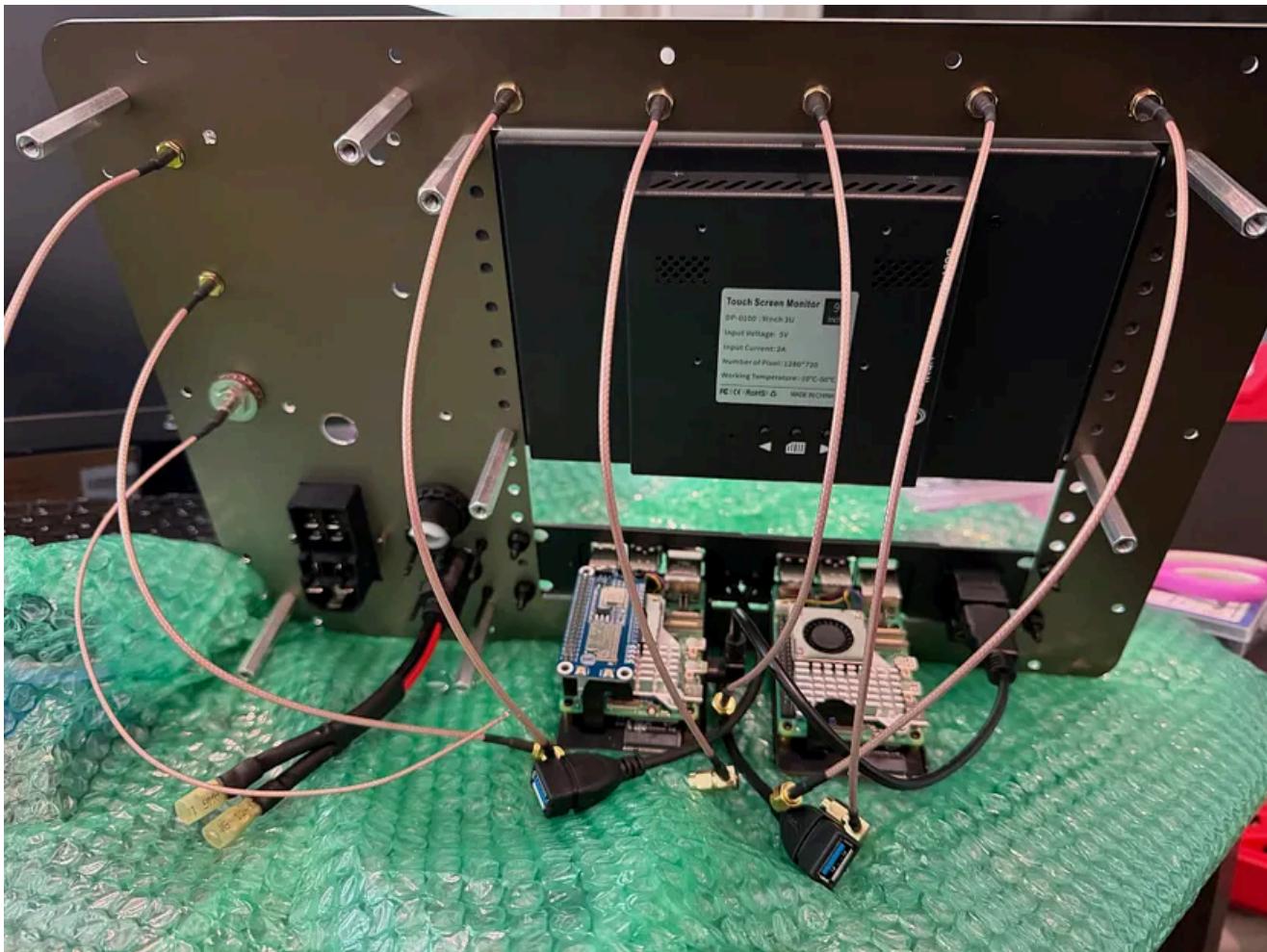
A few extra holes added for late design changes.



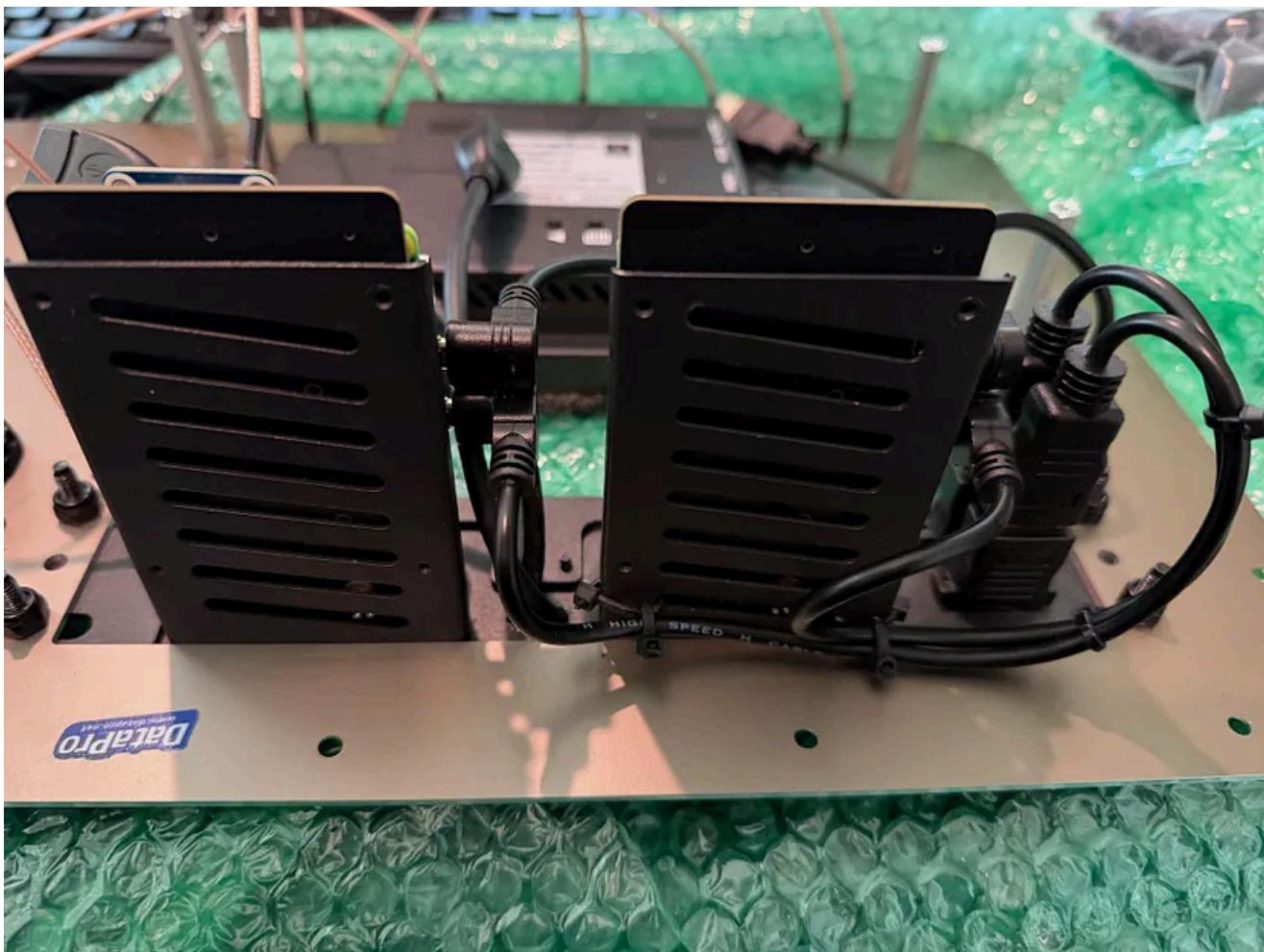
Power section, antenna cables, and 10–32 stand-offs being installed.



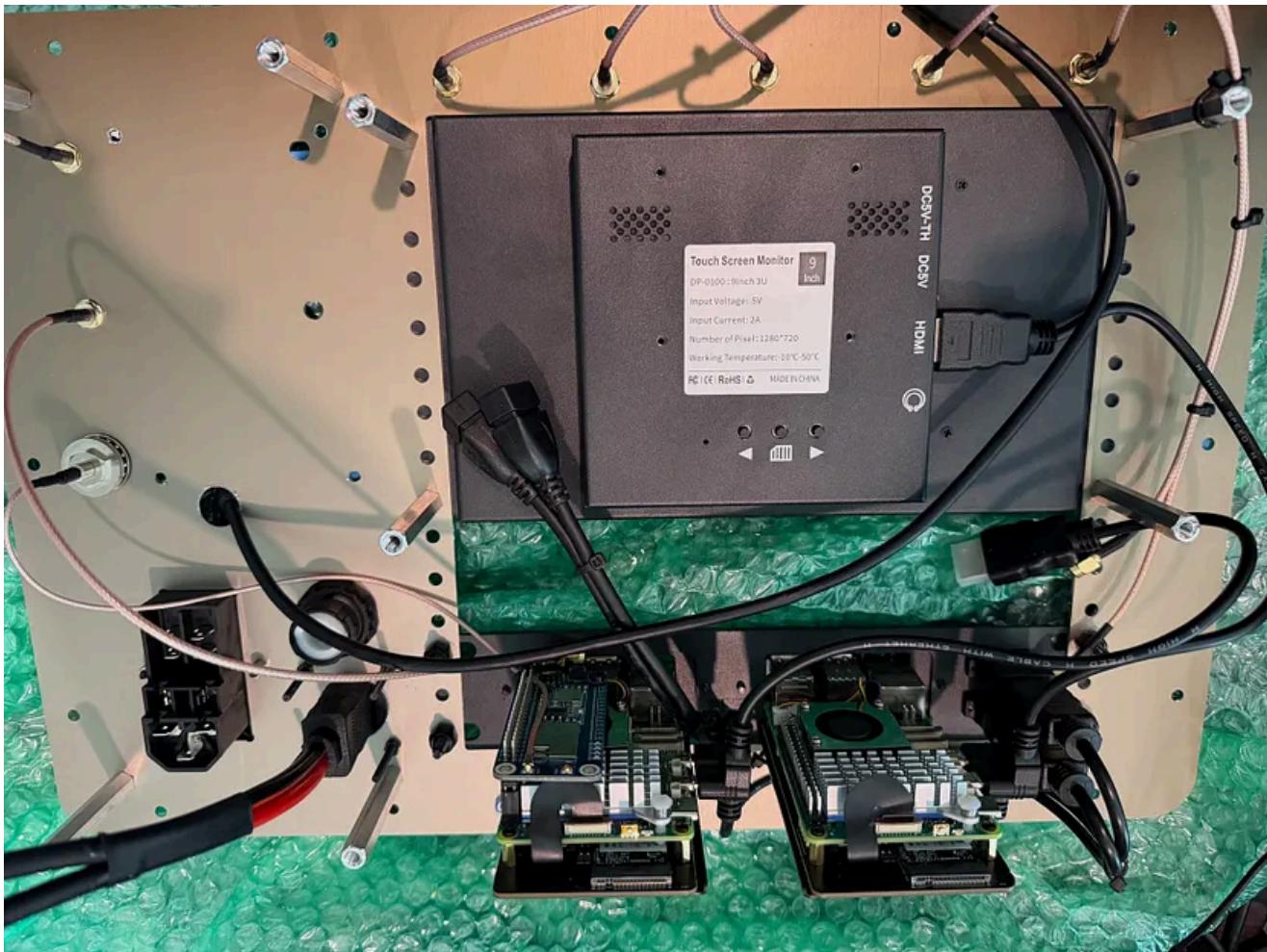
First view of the front with the main LCD installed.



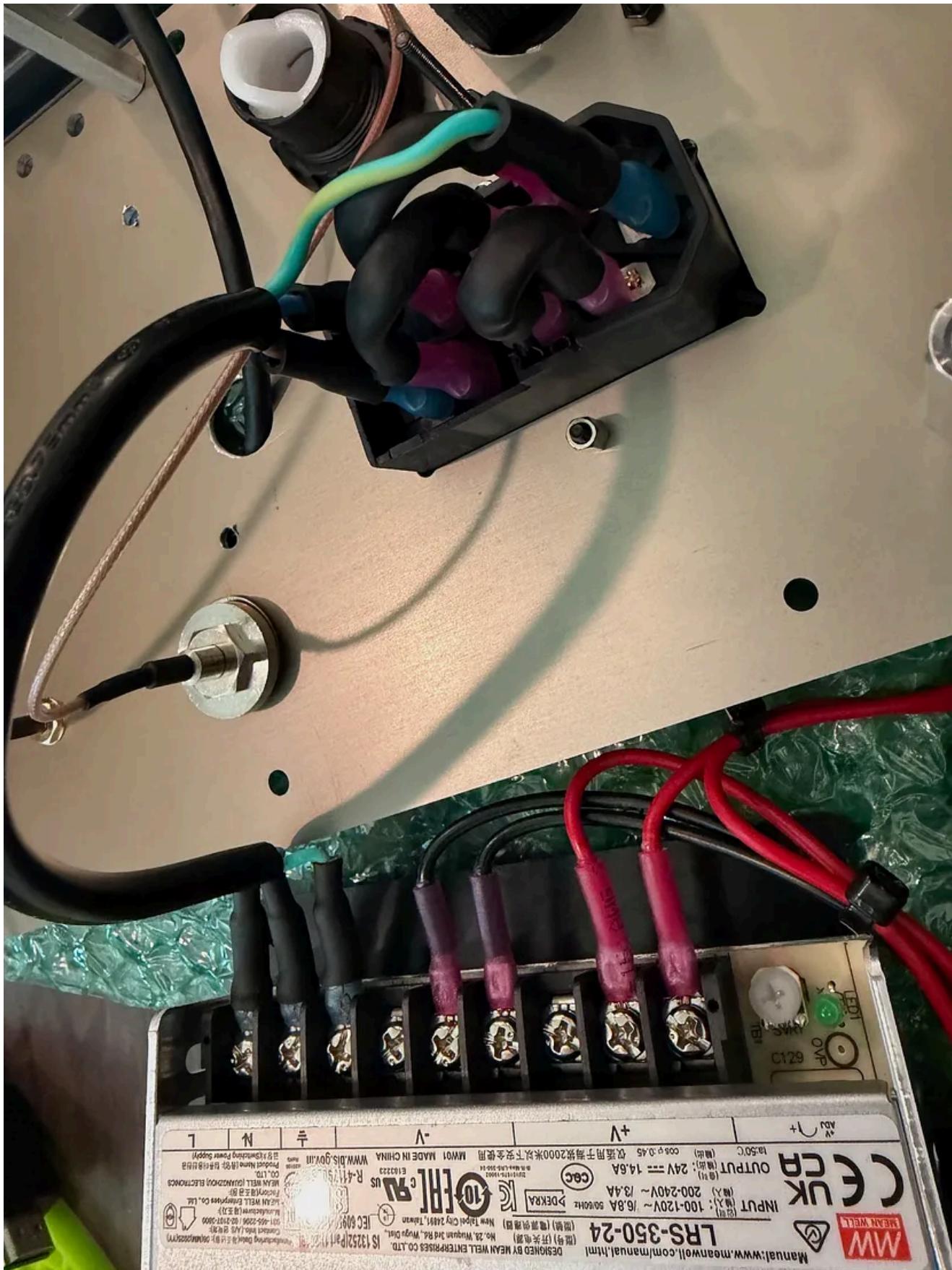
10" rack starting to fill up.



HDMI cables connected to the Raspberry Pi 5 SBCs.



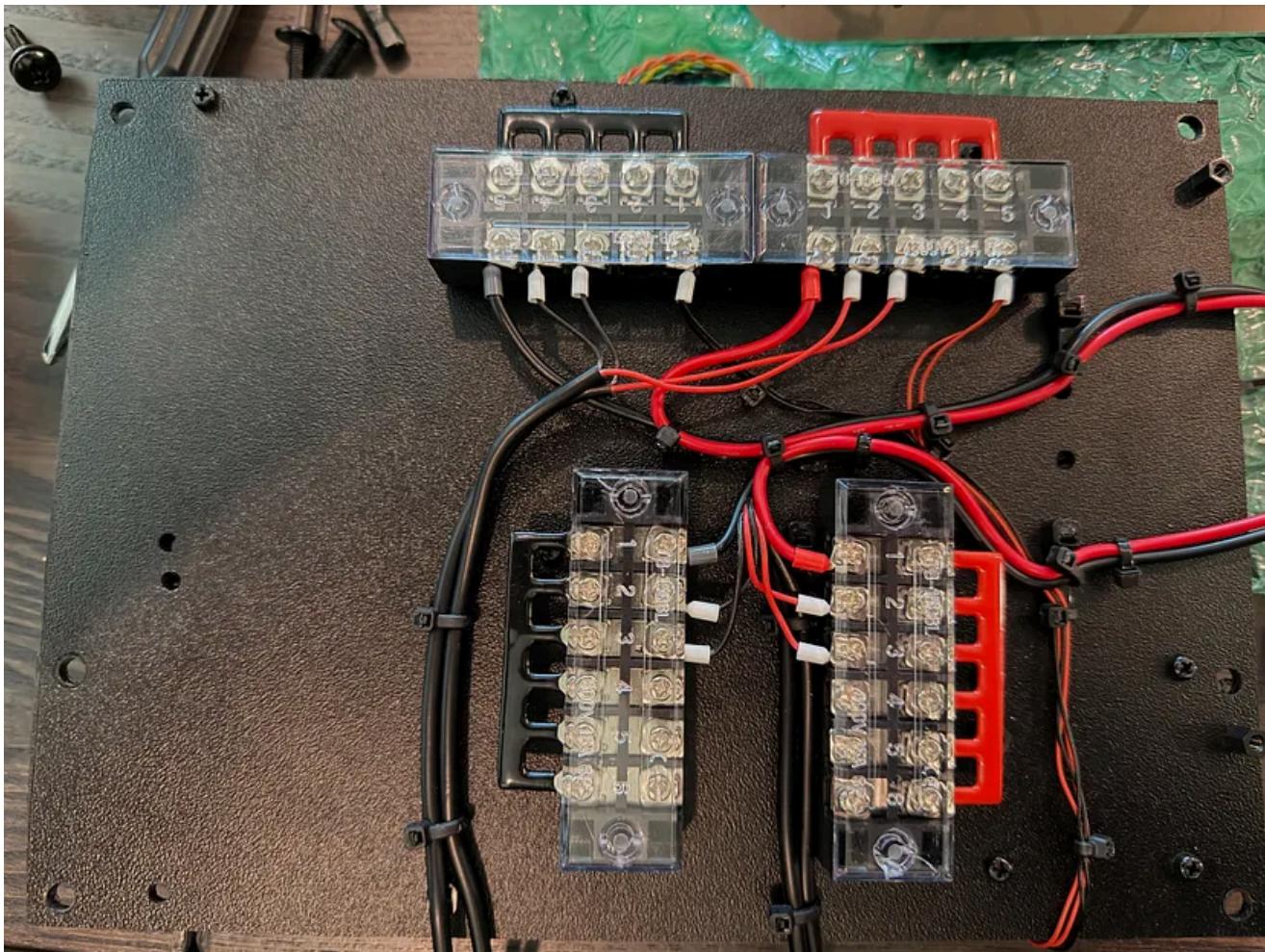
Read view of the LCD touch screen.



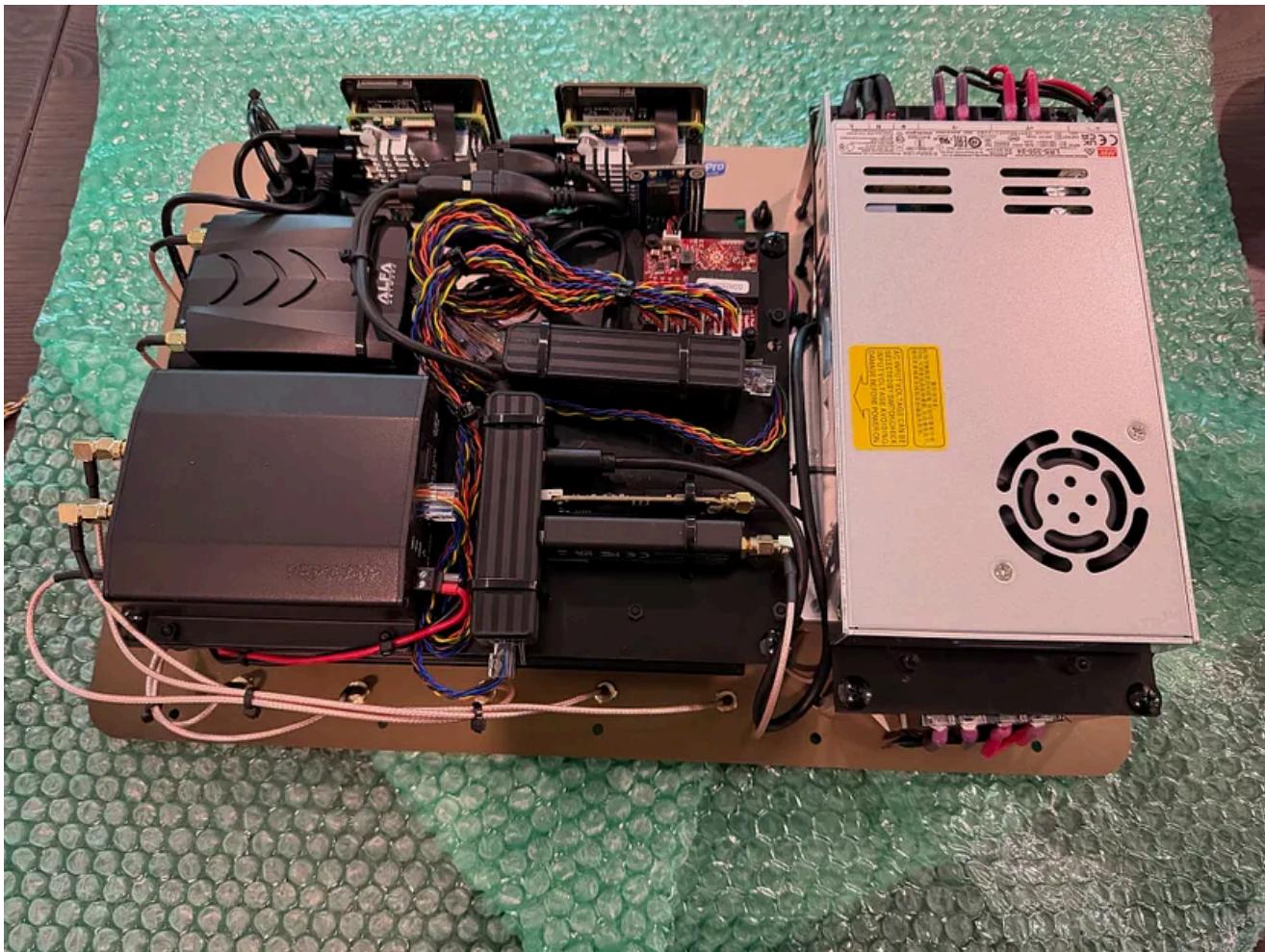
Mains power inlet wired up.



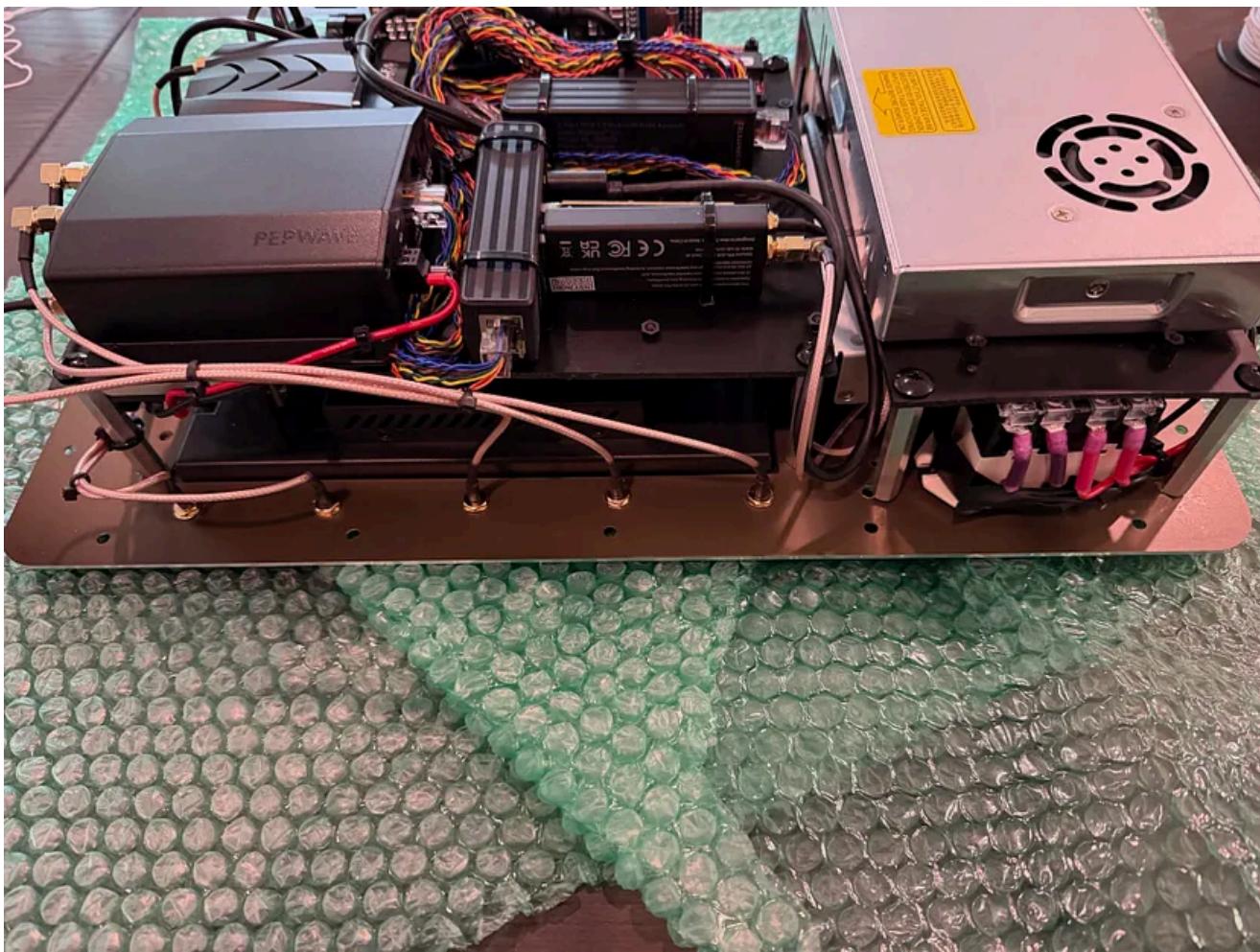
Front panel coming together. Foam protection on the LCD while I move things around a lot.



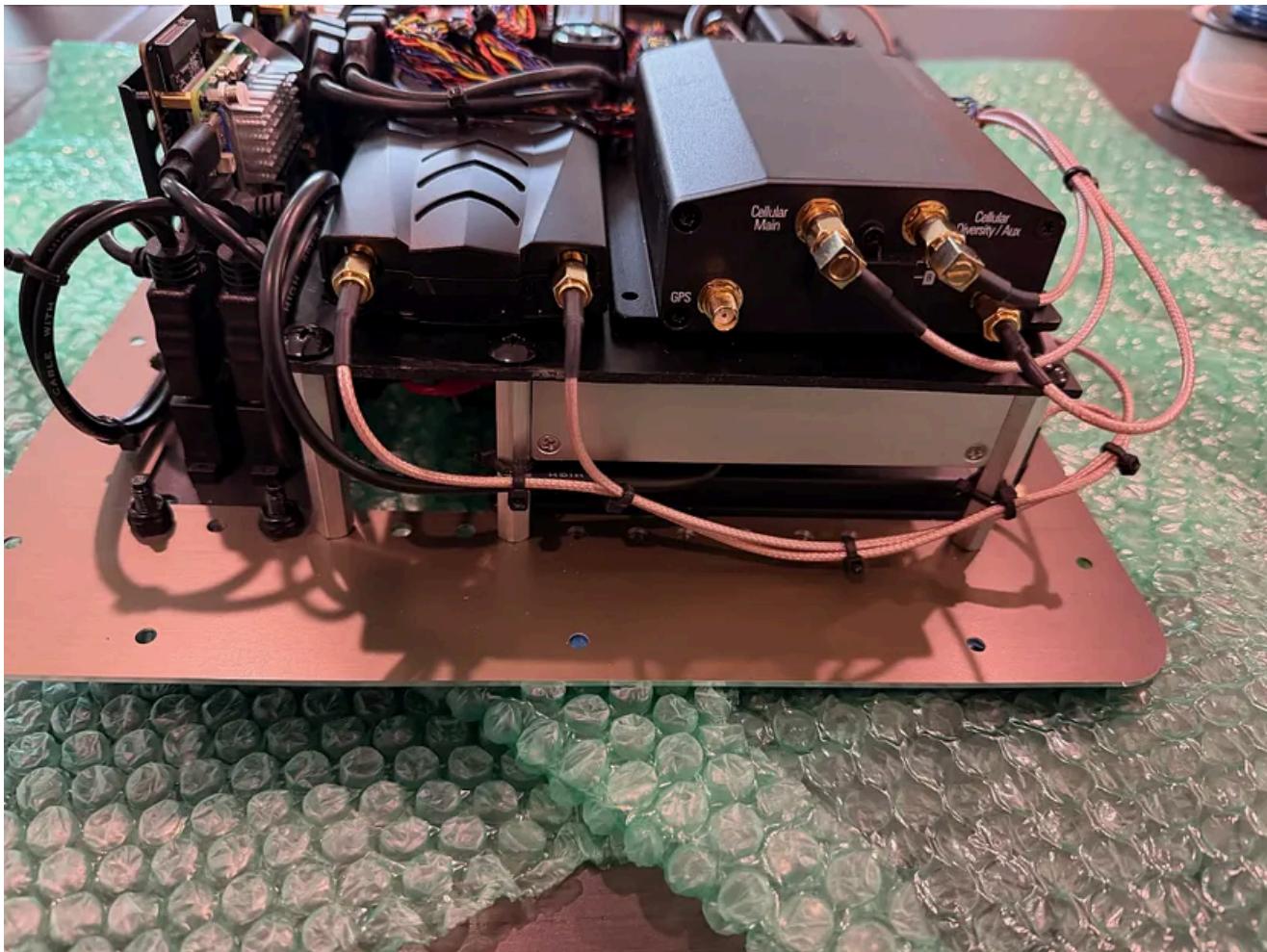
5V power distribution on rear of USB panel.



Fully assembled system.



Side view of USB hubs, PepWave cellular router and top antenna row.



Left side view. Notice 12V DC power supply tucked in (late addition).



Bottom view.



Right side view. N- connector missing due to tight bend radius.



First test fit in Pelican 1500 case.



Test fit of keyboard inside lid.