

Constructional details of the radio components of Primescan 2 Cart

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Figure 1: backside of the AIO display without plastic cover. The single board computer with the radio module is located beneath the metal cover in the upper right part.



Figure 2: close-up of Figure 1. The 4 bolt holes in the middle are used to mount the single board computer. The 2 antennas are also visible on the top left (attached horizontally) and top right (attached vertically).



Figure 3: close-up of the antenna attached to the top of the AIO display. The size of the antenna is 35 x 11 mm².

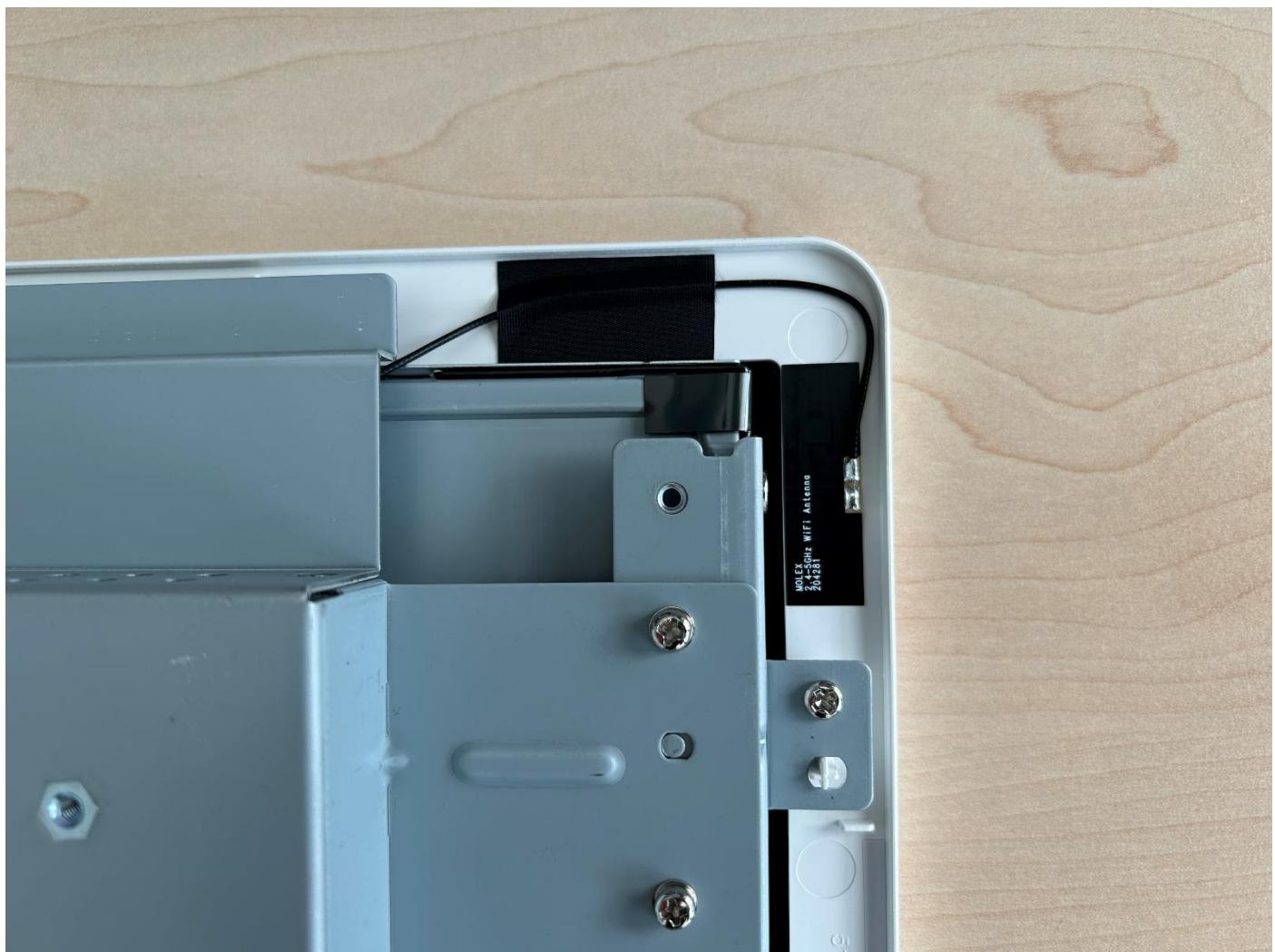


Figure 4: close-up of the antenna attached to the top right of the AIO display.

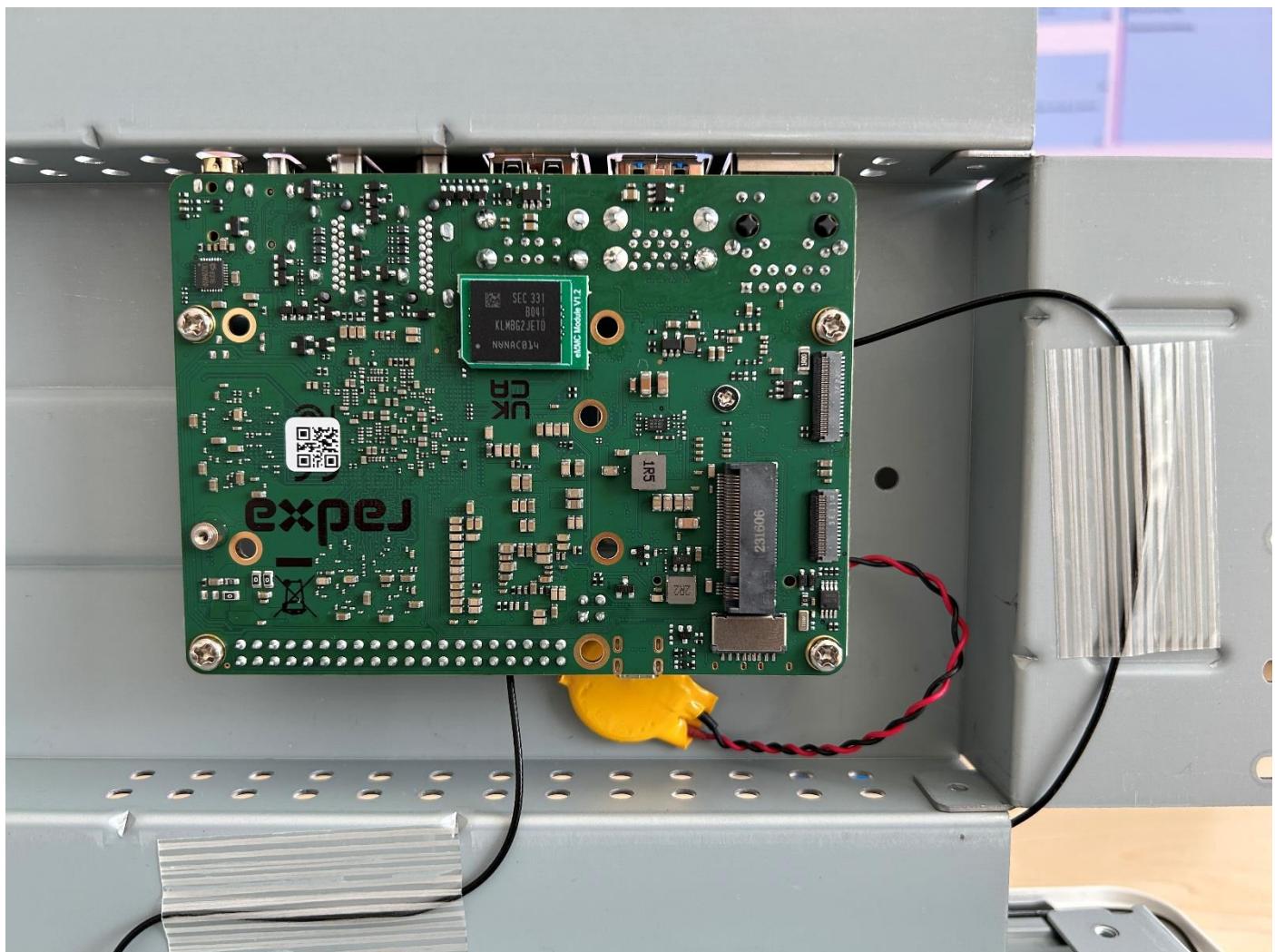


Figure 5: the single board computer on the inside of the metal cover. This picture shows the backside with the eMMC module used for storage. The size of the PCB is 100.15 x 74.25 mm².

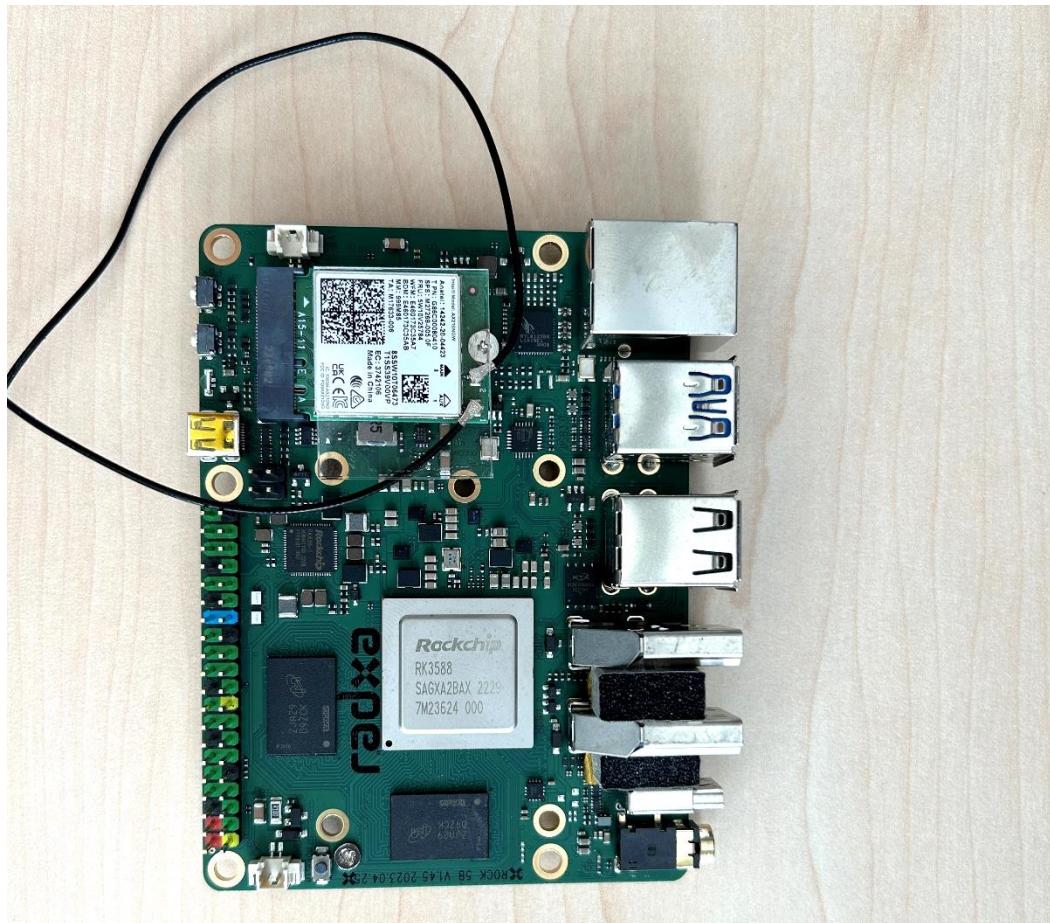


Figure 6: the single board computer shown from the frontside. Visible (among others): radio module with the two antennas attached to it, SoC from Rockchip, memory modules, interfaces (USB, HDMI, etc.).



Figure 7: front- and backside of the radio module. The size of the PCB is 22 x 30 mm².