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Package contents

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- 2 Bottom Half
- 3 Top Back Cover
- 4 Bottom Back Cover
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- 6 Display Frame
- 7 Display Frame Gasket
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- 9 Motherboard (with preinstalled CPU module)
- 10 Keyboard (with mounted trackball cup and sensor)
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- 16 Charger Board Cables (green and black)
- 17 Battery Holders (2x + 2x)
- 18 Batteries (2x)
- 19 Foam Stickers (8x)
- 20 Display
- 21 Display Cable
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- 23 Speaker
- 24 Headphone/Switch Board
- 25 Headphone/Switch Board Cables (headset and standby power switch)
- 26 Hinges (left and right)
- 27 Magnets (8x)
- 28 Thermal Pad
- 29 Wi-Fi Card (optional)
- 30 Wi-Fi Antenna (optional)
- 31 SSD (optional)
- 32 Bags of Screws (contains some extra screws)

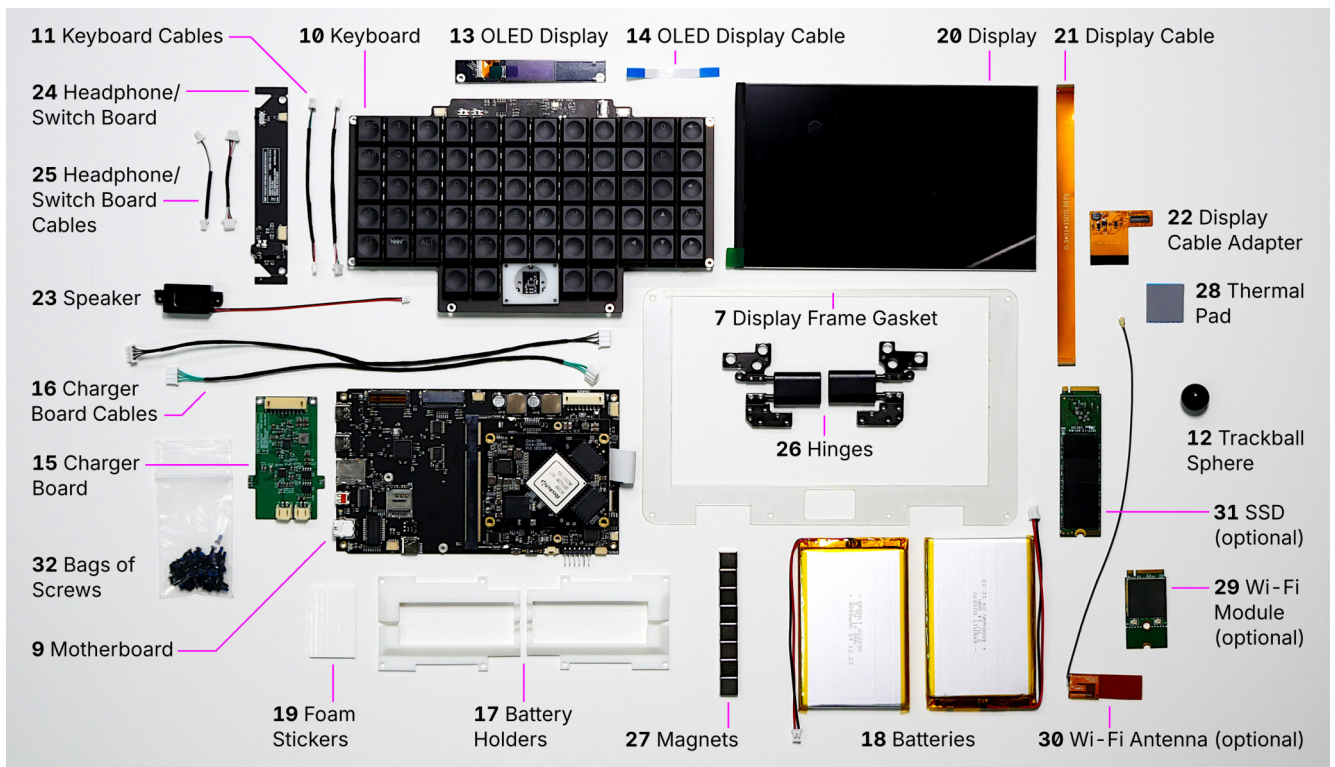
Types of Screws

-  M2 × 4mm cheese head (14x)
-  M2 × 5mm countersunk head (45x)
-  M4 × 6mm countersunk head (6x)
-  M2 × 3mm countersunk head (2x)
-  M2 × 3mm mounting screws (optional)

Case Parts

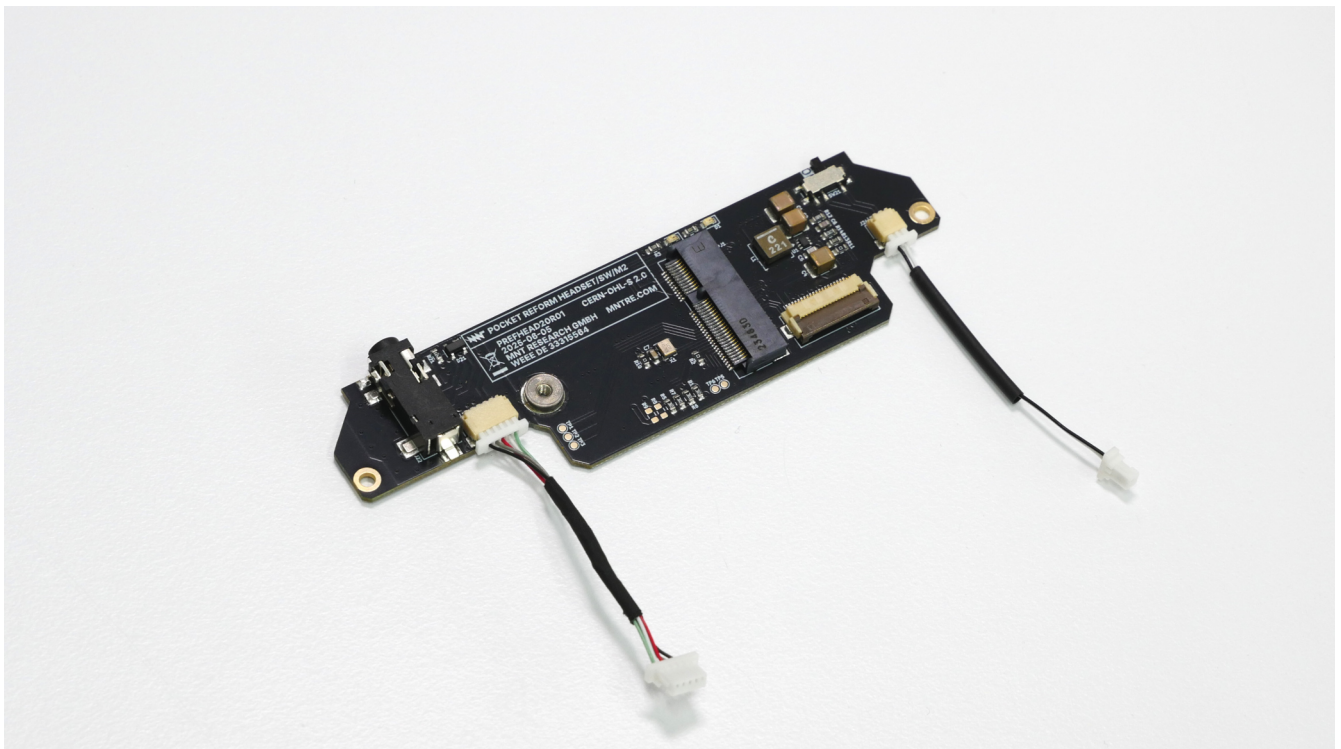
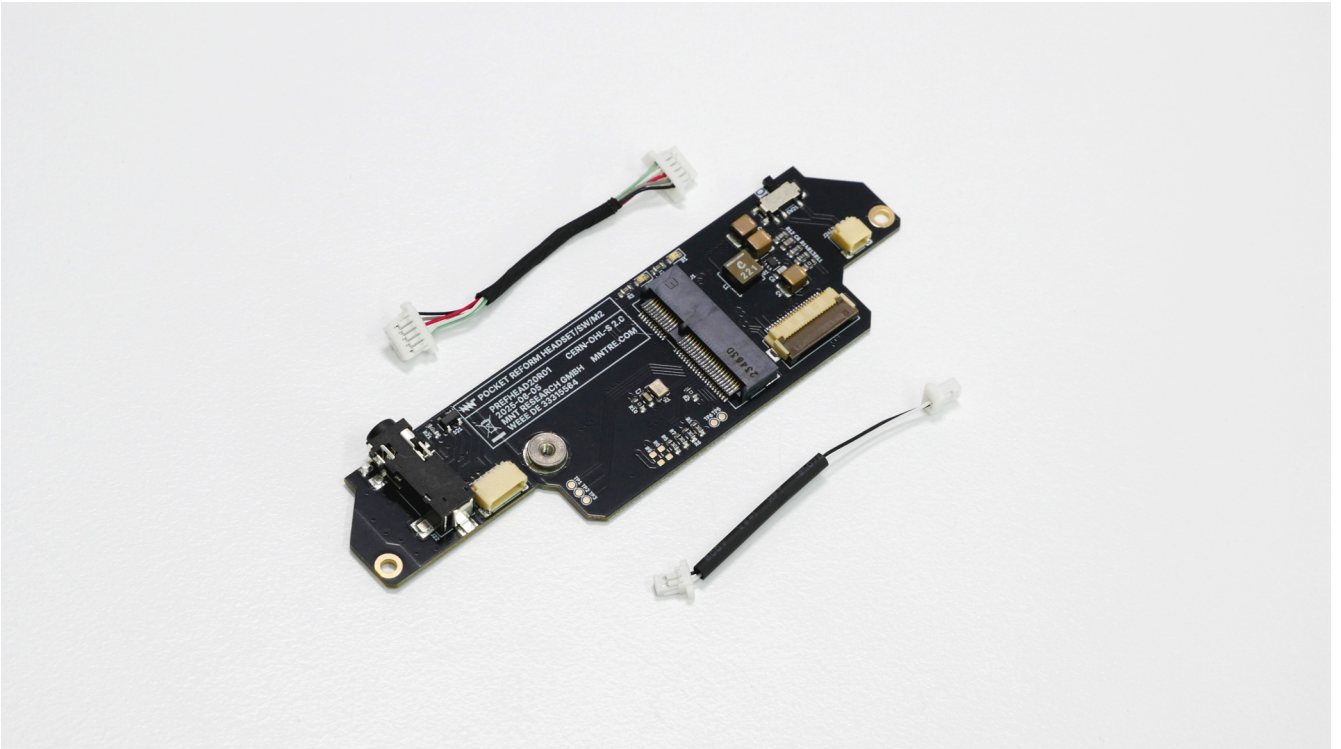


Electronic Parts and Components

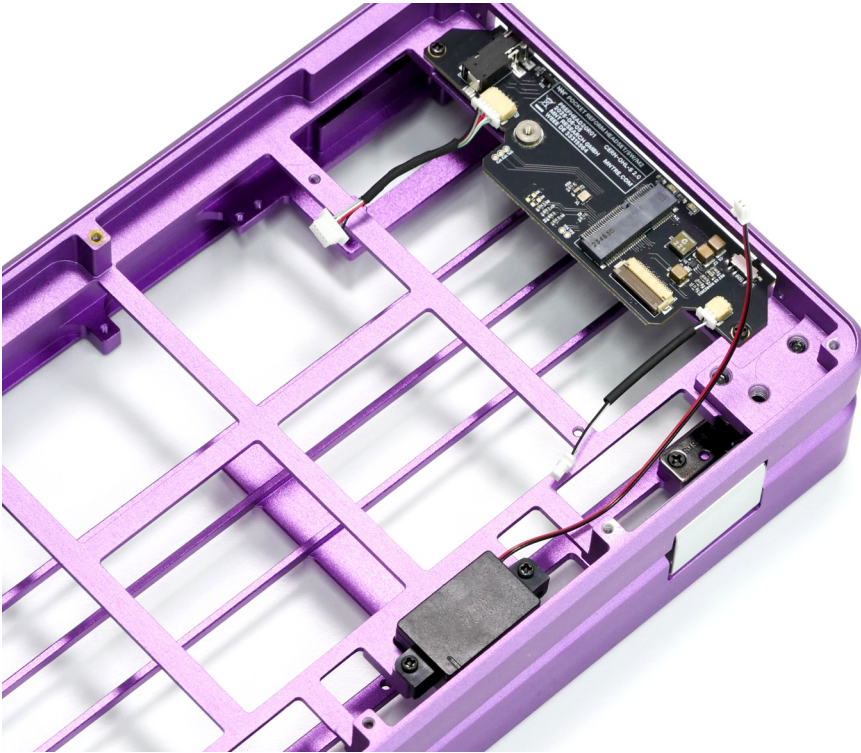


Assembly Steps

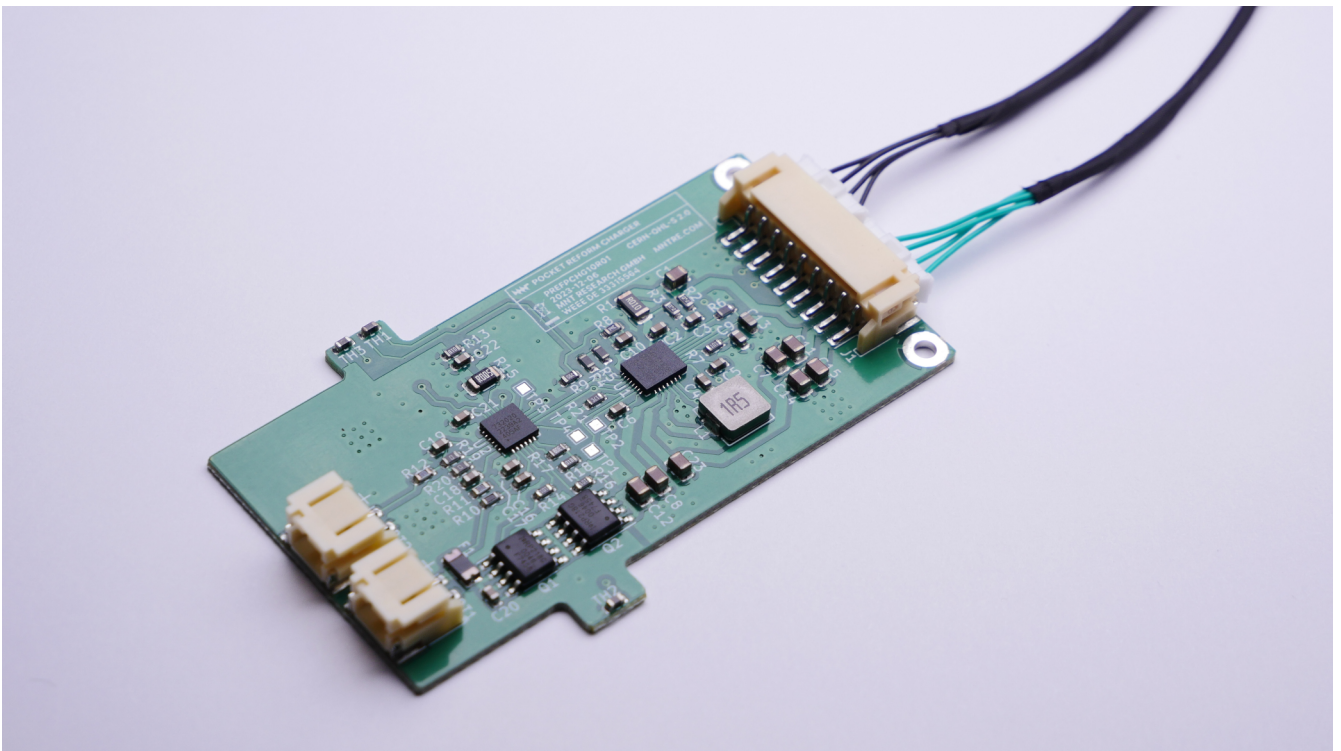
1. Take the two **Headset/Switch Cables (25)** and connect them to the **Headset/Switch Board (24)**.



2. Mount the **Speaker (23)** and the **Headset/Switch Board (24)** to the **Top Half (1)** using M2 × 4mm cheese head screws (4x).



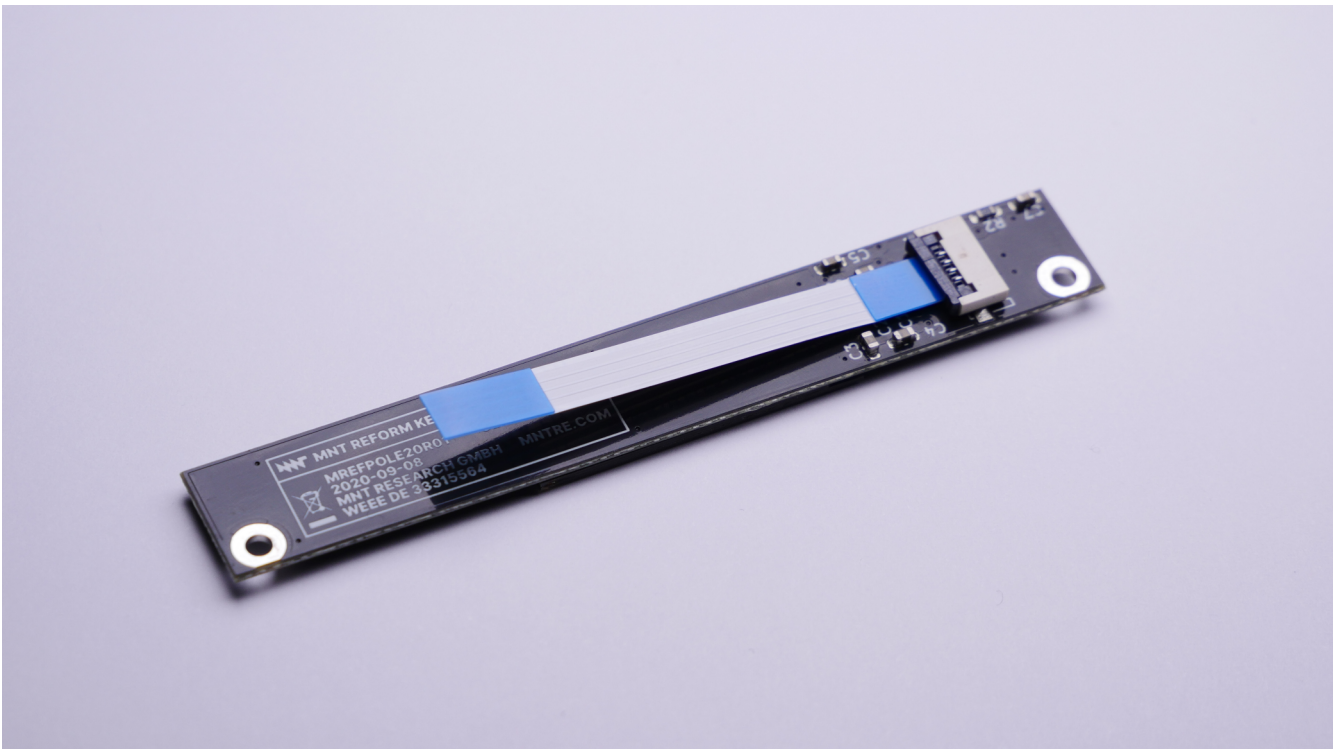
3. Connect the **Charger Board Cables (16)** to the the **Charger Board (15)**. Make sure that the green and black cables are connected the right way as shown in the picture.



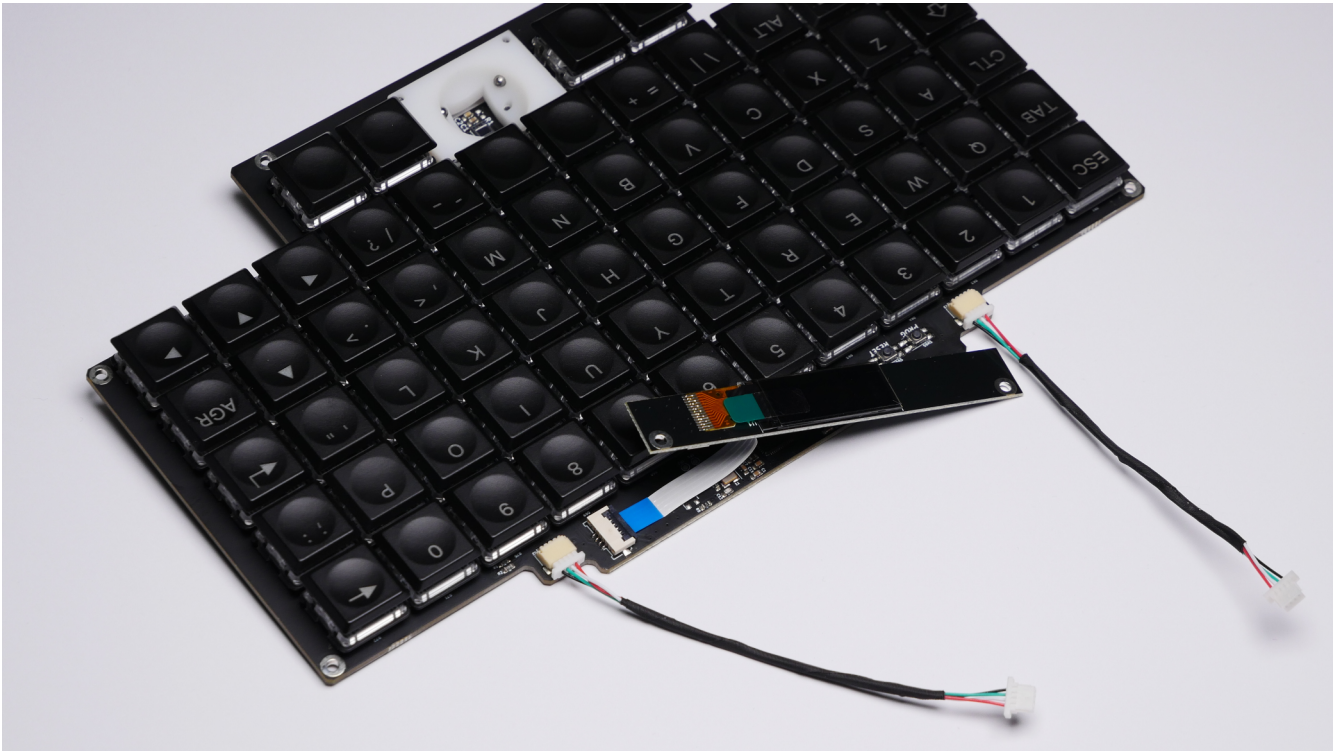
4. First mount the **Battery Holders (17)** and then the **Charger Board (15)** to the **Bottom Half (2)** using M2 × 4mm cheese head screws (10x). Be careful not to overtighten the **Battery Holders (17)**. Pull the **Charger Board cables (16)** through to the other side of the **Bottom Half (2)** like shown in the picture.



5. Connect the **OLED Display Cable (21)** to the **OLED Display (20)**.



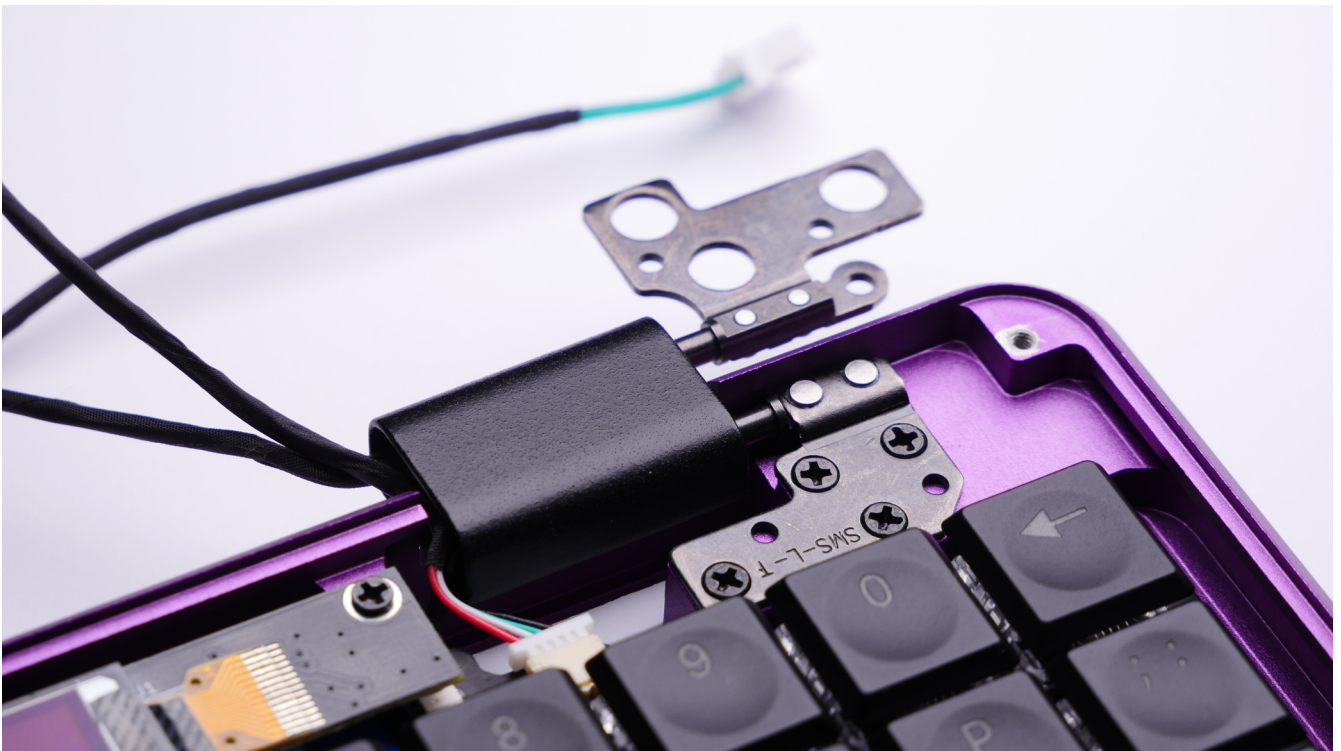
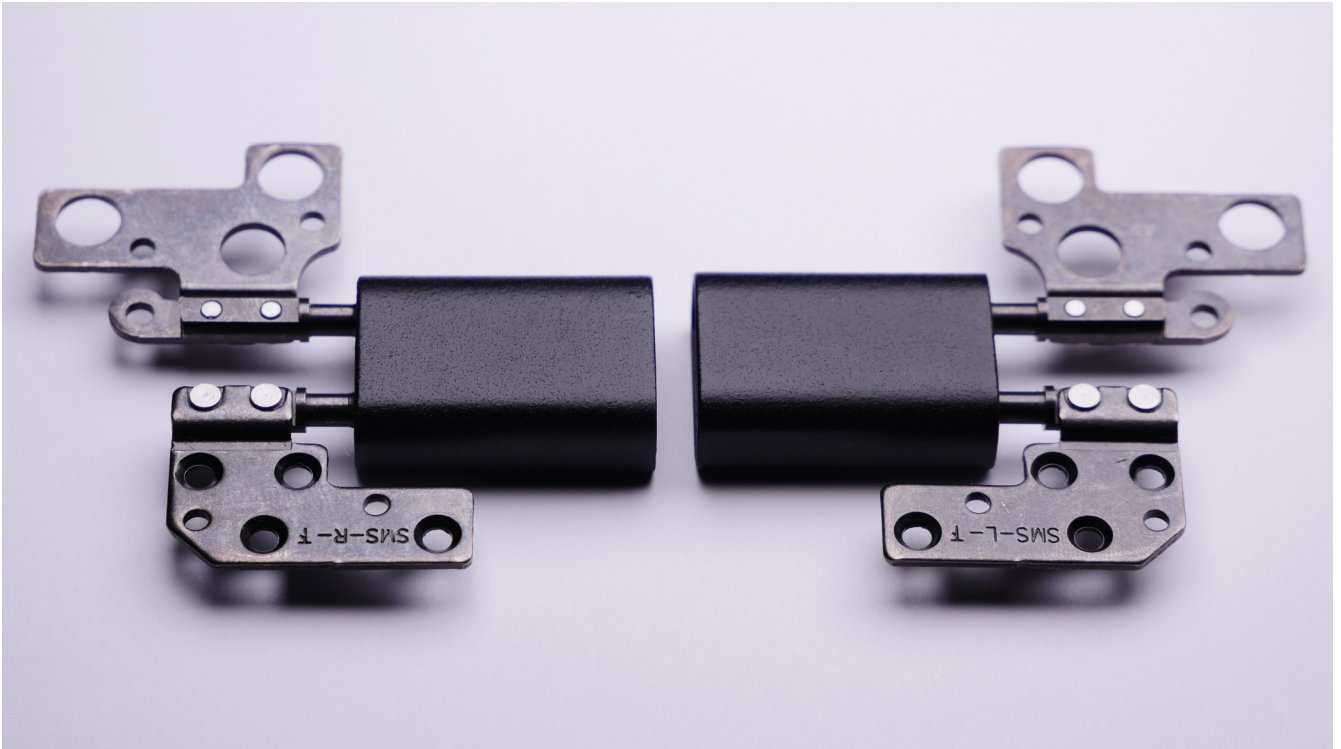
6. Connect the **Keyboard Cables (11)** and **OLED display (20)** to the **Keyboard (10)**.



7. Mount the **Keyboard (10)** and **OLED Display (13)** to the **Bottom Half (2)** using M2 × 5 mm countersunk head screws (8x). Remove protective film from the **OLED Display (13)**. Shape the **Keyboard Cables (11)** and **Charger Board Cables (16)** as shown in the picture.

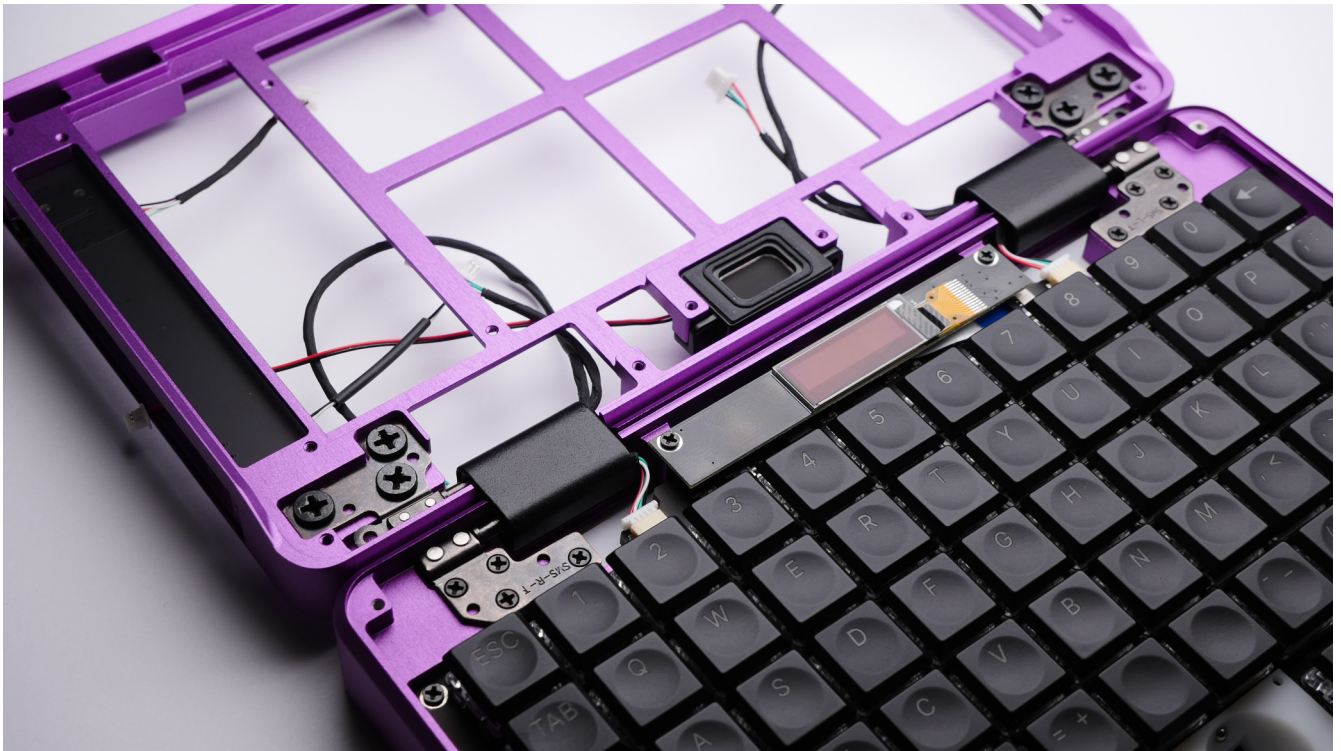


8. Mount the lower part of the **Hinges (26)** to the **Bottom Half (2)** using M2 × 5 mm countersunk head screws (8x) while making sure that the cables are inside of the hinge.



9. Mount the top part of the **Hinges (26)** to the **Top Half (1)** using M4 × 6mm countersunk head screws (6x) while making sure that the cables are inside of the hinge.

If the **Top Half (1)** and **Bottom Half (2)** are slightly misaligned when the laptop is closed (look at the front edge of the laptop from the top) you can make small adjustments: open the laptop flat. Loosen the big hinge screws on one side. Then push (or pull) very gently that side of the laptop together/apart and tighten the screws while doing it. Do the same with the other side if needed. After every adjustment close the laptop to see if you achieved the desired result. Do this only if necessary. The goal is an even gap on both sides, not a totally flat front edge.



10. Insert 4 of the **Magnets (27)** into the **Bottom Half (2)**. Make sure that the polarities of all magnets face the same direction (magnets are connected in a string, so all facing the same direction). Insert one end of the string into the first magnet hole and hold that first magnet in place with a finger while breaking off the rest of the magnet string to the side, so that you can disconnect it from the placed magnet. Do the same thing with the next magnet hole nearby (and don't flip the string), while holding the first placed magnet in place. Release your fingers only after placing both neighboring magnets and removing the rest of the magnet string, so that the magnets won't jump out. Put the string of magnets aside and remember the direction you used to break off the magnets.





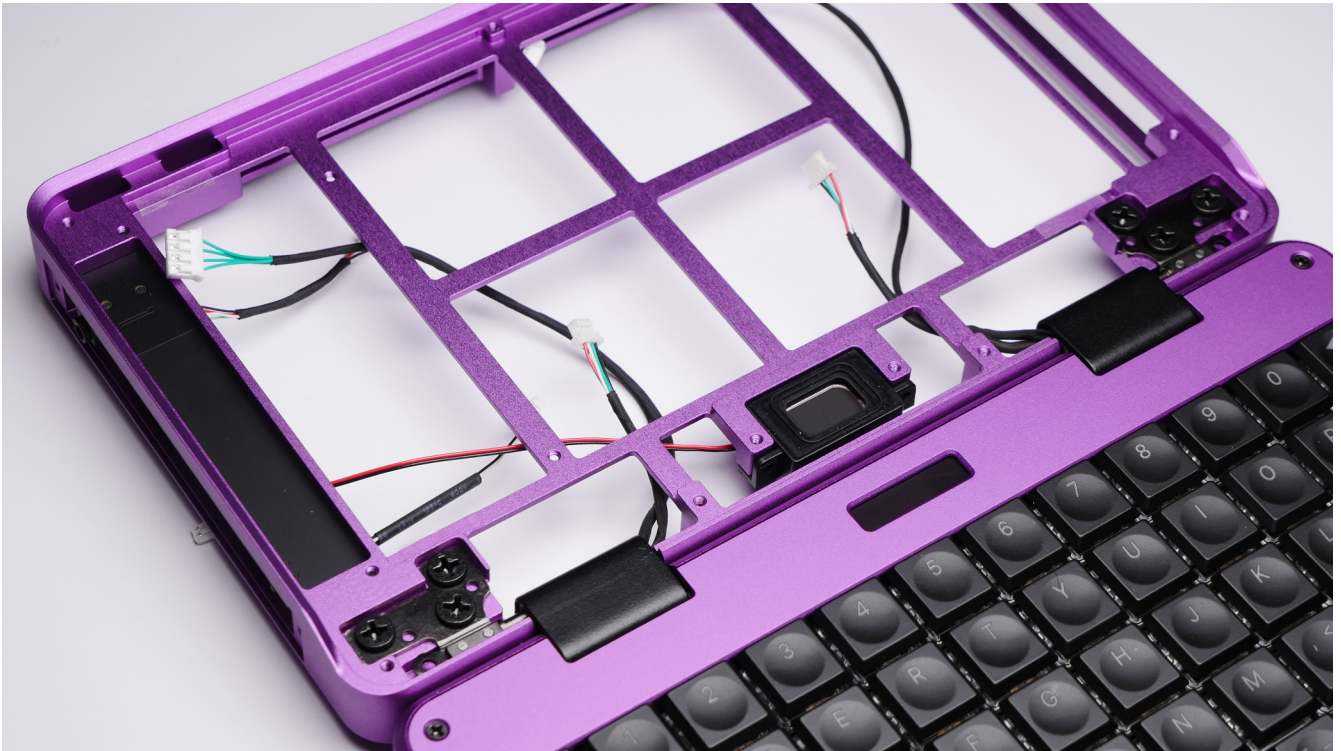
11. Place the **Trackball Sphere (12)** in to the trackball cup that is located in the front of the **Keyboard (10)**.



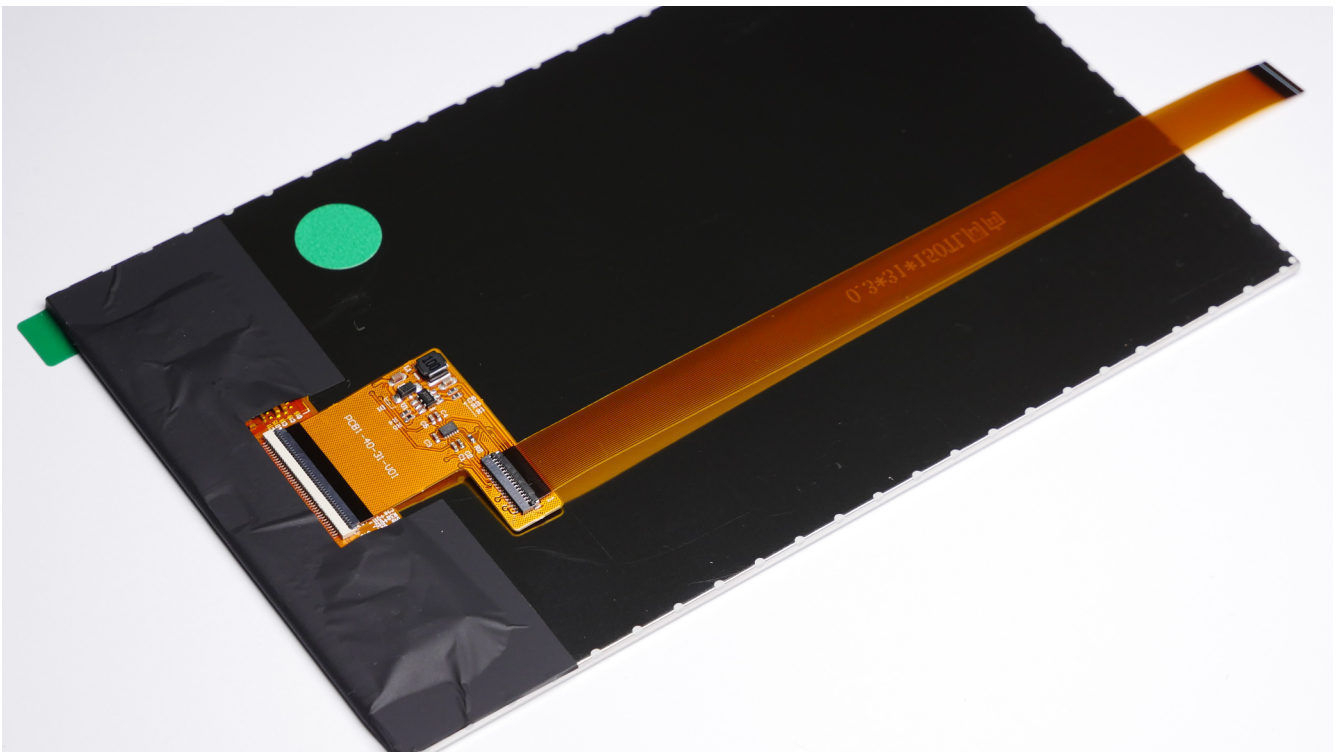
12. Mount the **Keyboard Frame (5)** to the **Bottom Half (2)** using M2 × 5mm countersunk head screws (4x). Be aware that the magnets will attract the screws and the screw driver.



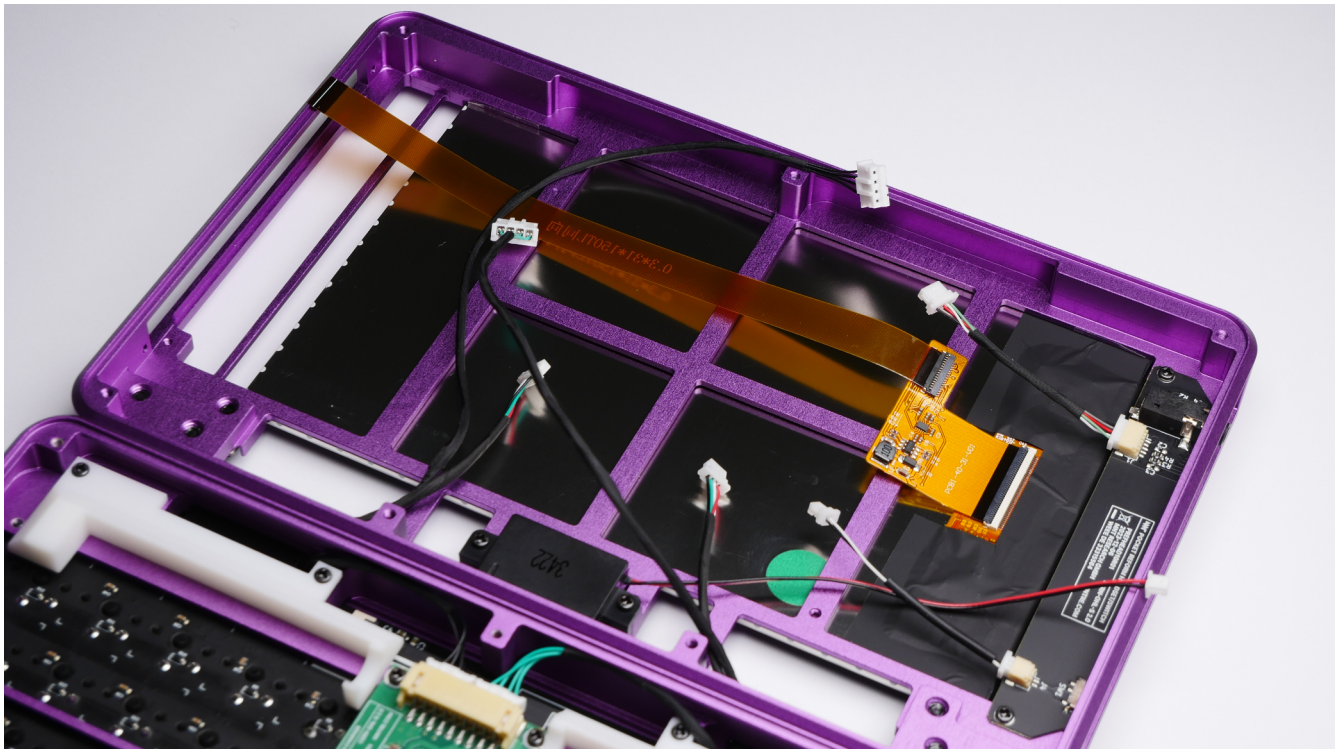
13. Remove the protective film from the four white strips of stickers on the **Top Half (1)**. These are needed to hold the **Display (20)** in place. Pull out the cables coming out of the hinges to the back side of the **Top Half (1)** if they are still in the front, as shown in the picture.



14. Connect the **Display Cable (21)** to the **Display Cable Adapter (22)** and then to the **Display (20)**.



15. Place the **Display (20)** on the four stickers. It has a bit of space around it. Align it to the bottom and the left side. Make sure that the **Display Cable (21)** is not squeezed and goes to the other side of the **Top Half (1)** as shown in the second picture.



16. Insert the remaining 4 **Magnets (27)** into the magnet slots of the **Top Half (1)**. Use the same technique as described in step 10. Just make sure that the magnets are placed in the holes in the opposite way. If you get confused, just take the string and hover it (vertically) above the **Magnets (27)** that are already secured in the **Bottom Half (2)**. When the strip is pulled towards the casing, then you know that the opposite side of the string has to go to into the holes—so that the two halves of the case can attract each other when it's closed.



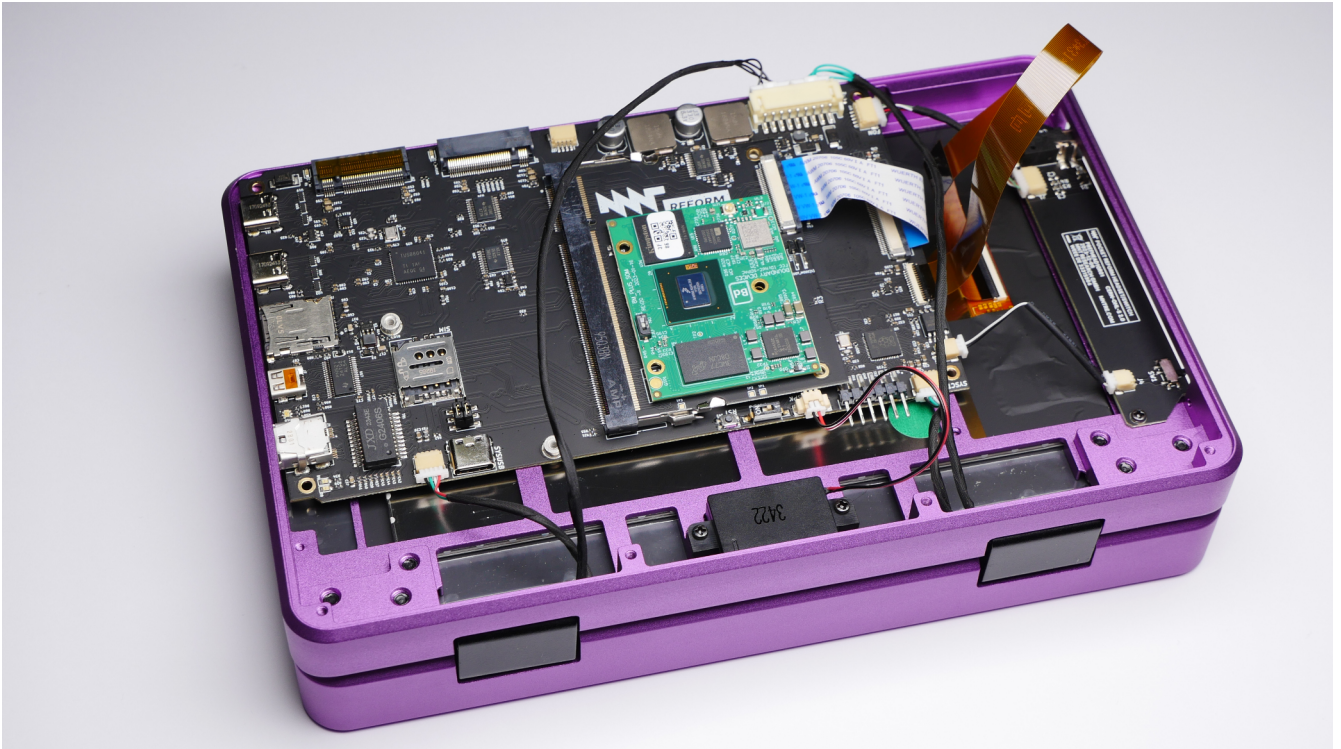
17. Remove the protective film from the **Display (20)** and place the **Display Frame Gasket (7)**.



18. Mount the **Display Frame (6)** with M2 × 5mm countersunk head screws (6x). Hold it in place without touching it with bare hands (to avoid fingerprints) and be careful with the **Magnets (27)**. They will attract the screws and the screwdriver.



19. Be careful not to damage any components on the **Motherboard (9)** during this step. Especially the *PROG* switch that is near the pins sticking out of the motherboard. Take the **Motherboard (9)** and connect all of the cables: **Display Cable (21)**, both **Headphone/Switch Board Cables (25)**, 2x **Keyboard Cables (11)**, **Speaker cable (23)** and both green and black **Charger Board Cables (16)**.



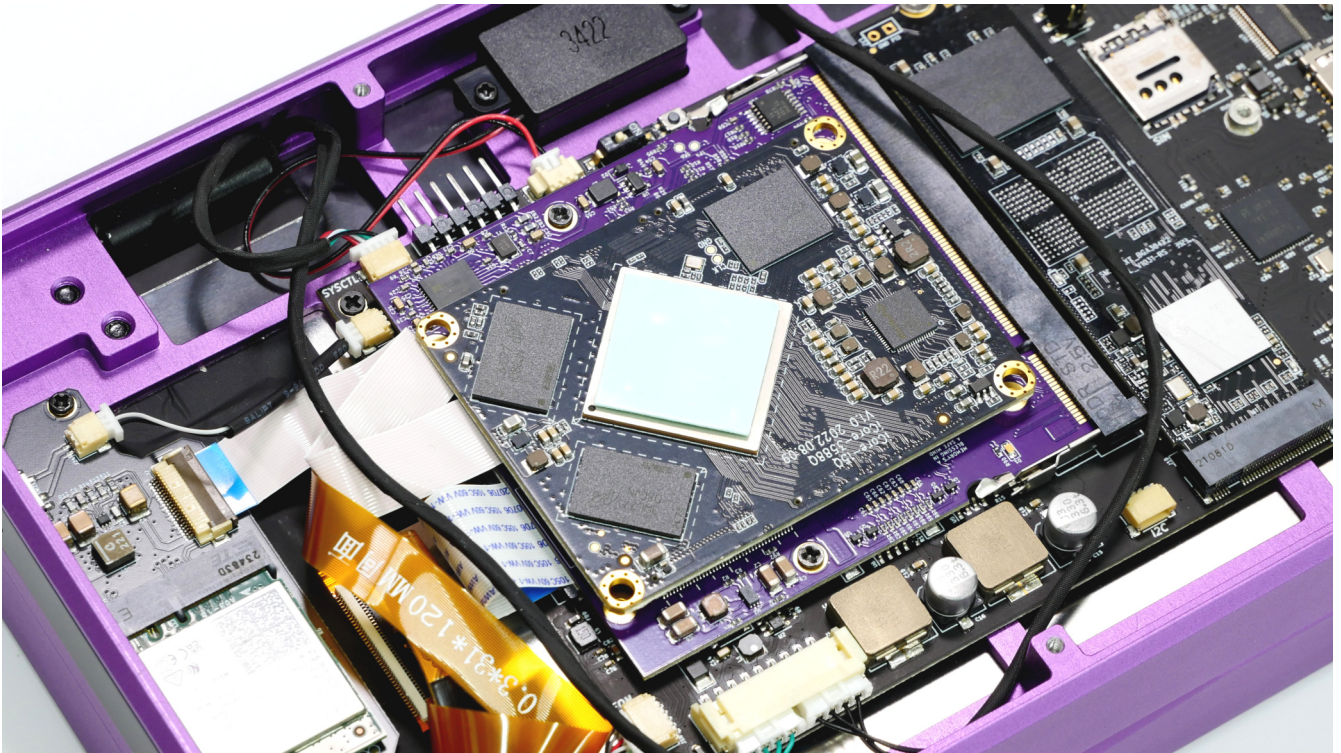
20. Mount the **Motherboard (9)** to the **Top Half (1)** starting from the side with the ports, using M2 × 5mm countersunk head screws (2x). For the other side of the **Motherboard (9)** use M2 × 3mm countersunk head screws (2x). Rarely, one or both of the short screws don't hold. If this happens, leave them out. Make sure none of the cables are squeezed. Try to arrange them like shown in the picture.



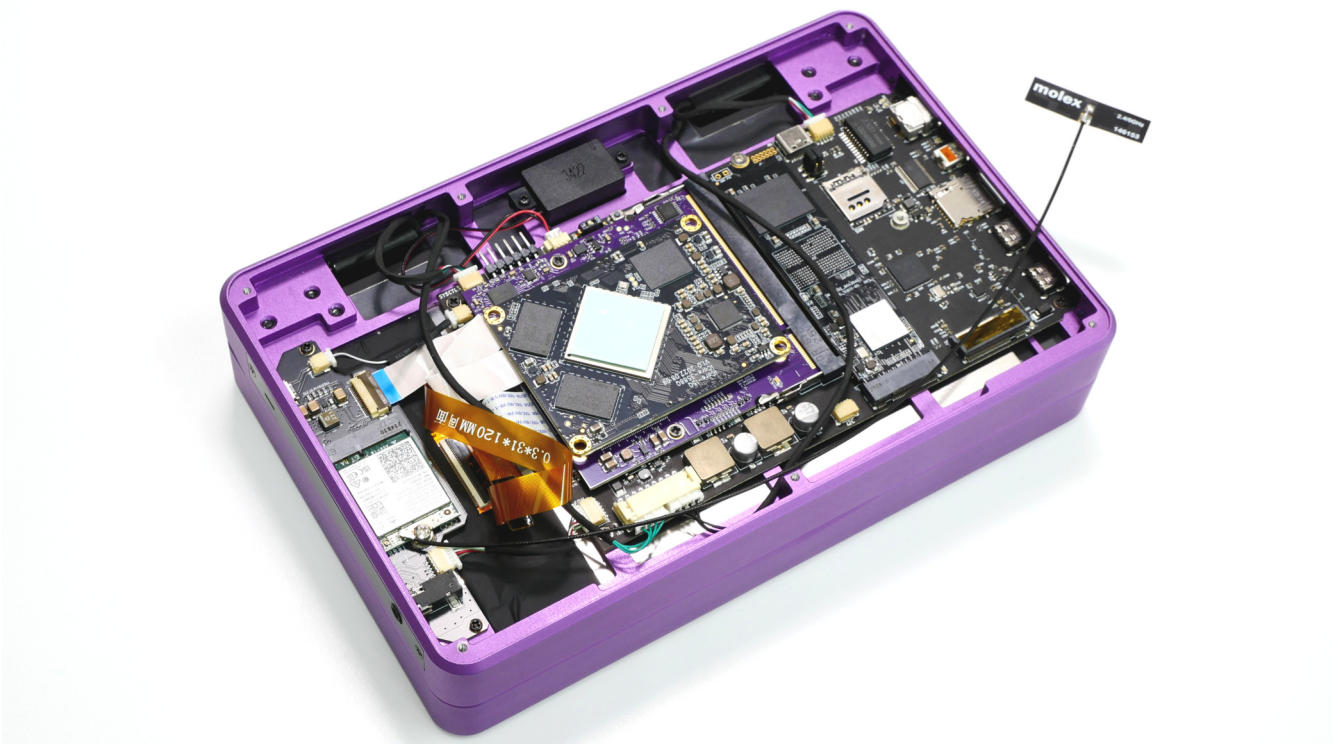
21. Mount the **Port Covers (8)** to their respective sides using M2 × 5mm countersunk head screws (4x).



22. Place the **Thermal Pad (28)** on the big chip of the processor module that is plugged in to the **Motherboard (9)** (module and the thickness of the pad can differ from the picture). Make sure to remove both of the protective films.



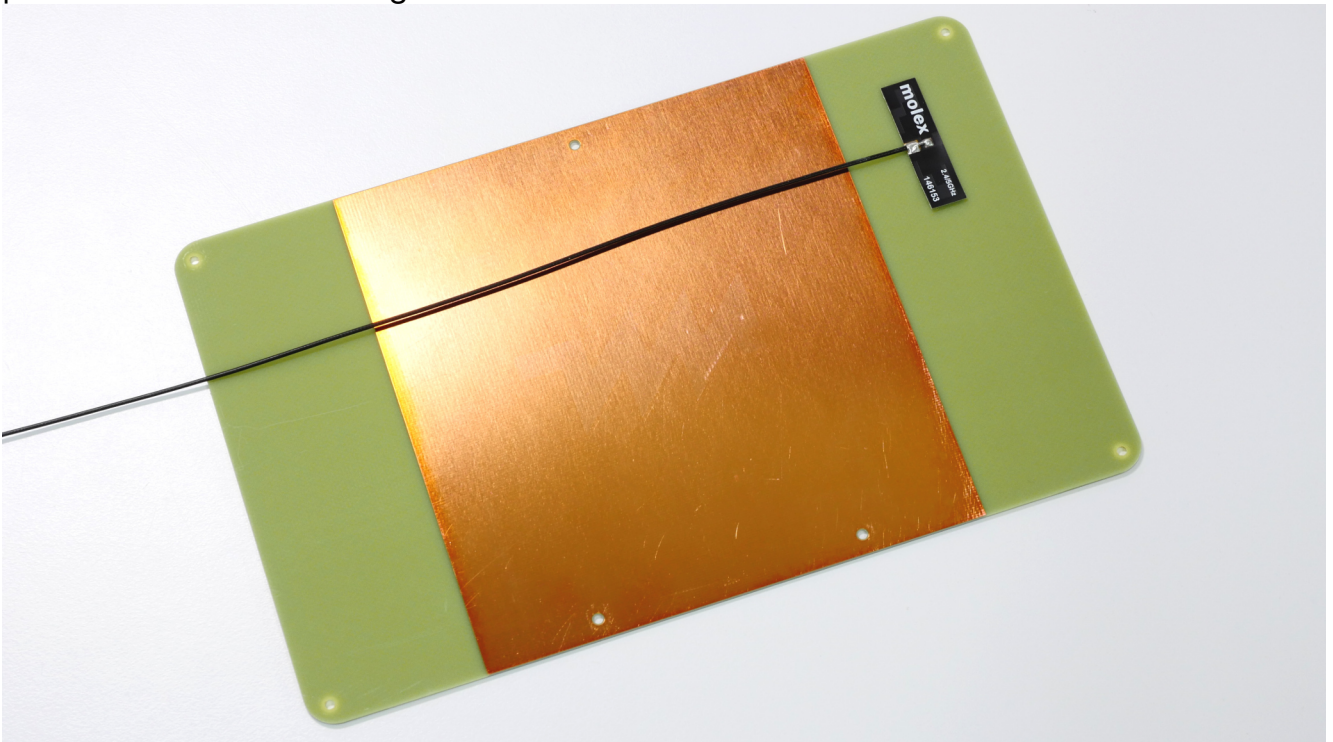
23. **Optional:** Insert the **Wi-Fi Card (29)** into the short M.2 slot on the **Motherboard (9)**. Mount it using an M2 × 3mm M.2 mounting screw. Connect the **Wi-Fi Antenna (30)** by gently pushing while turning it on the connector on the **Wi-Fi Card (29)**. Remove the protective film and stick it to the **Headphone/Switch Board (24)**. Make sure that the **Wi-Fi Antenna (30)** and **Display Cable (21)** are not crossing each other.



24. **Optional:** Insert the **SSD (31)** into the long M.2 slot on the **Motherboard (9)** and secure it using an M2 × 3mm M.2 mounting screw.



25. Remove the film from the antenna and adhere it to the top plate in this exact position. Use the mounting holes for orientation.



26. Mount the **Top Back Cover (3)** to the **Top Half (1)** using M2 × 5mm countersunk head screws (7x). Make sure that all cables are positioned well under the cover and nothing is squeezed.



27. Place four of the **Foam Stickers (19)** on the inside of the **Battery Holders (17)**. Plug the **Batteries (18)** in to the connectors of the **Charger Board (15)**. Insert the **Batteries (18)** and shape the cables according to the photo. The cables should be going along the inner side of the batteries to avoid squeezing them. Stick two of the **Foam Stickers (19)** on each battery.



28. Mount the **Bottom Back Cover (4)** to the **Bottom Half (2)** using M2 × 5mm countersunk head screws (6x).



29. All done — congratulations on your MNT Pocket Reform assembly! Check out the quickstart manual on the following page to get started.

