



Zwingenstrasse 6-8, A-2380 Perchtoldsdorf
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Arduino UNO Q BOX Enclosure Installation Guide

This enclosure is designed exclusively for use with the JMO Carrier Board and Arduino UNO Q.

1. What's in the Box

Upper Cover * 1
Lower Cover * 1
Front Bezel * 1
Rear Bezel * 1
M3 Round Head Screws * 7
M3 Thumb Screws * 4
M3 Countersunk Screws * 4
User Manual * 1

2. Components to Prepare Before Assembly

Upper Cover * 1
Lower Cover * 1
Front Bezel * 1
Rear Bezel * 1
M3 Round Head Screws * 7
M3 Thumb Screws * 4
M3 Countersunk Screws * 4
Carrier Board * 1
Arduino UNO Q Board * 1
Type-C Cable * 1



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Please refer to the accessory pictures in the table above for visual identification.

Item	QTY	Picture
Upper Enclosure	1	
Lower Enclosure	1	



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Front Bezel	1	
Rear Bezel	1	
M3 Round Head Screws	7	



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M3 Thumb Screws	4	
M3 Countersunk Screws	4	
TYPE-C Cable	1	



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Arduino UNO Q	1	
Carrier Board	1	

3. Installation Steps

Step 1 - Insert the Type-C Cable

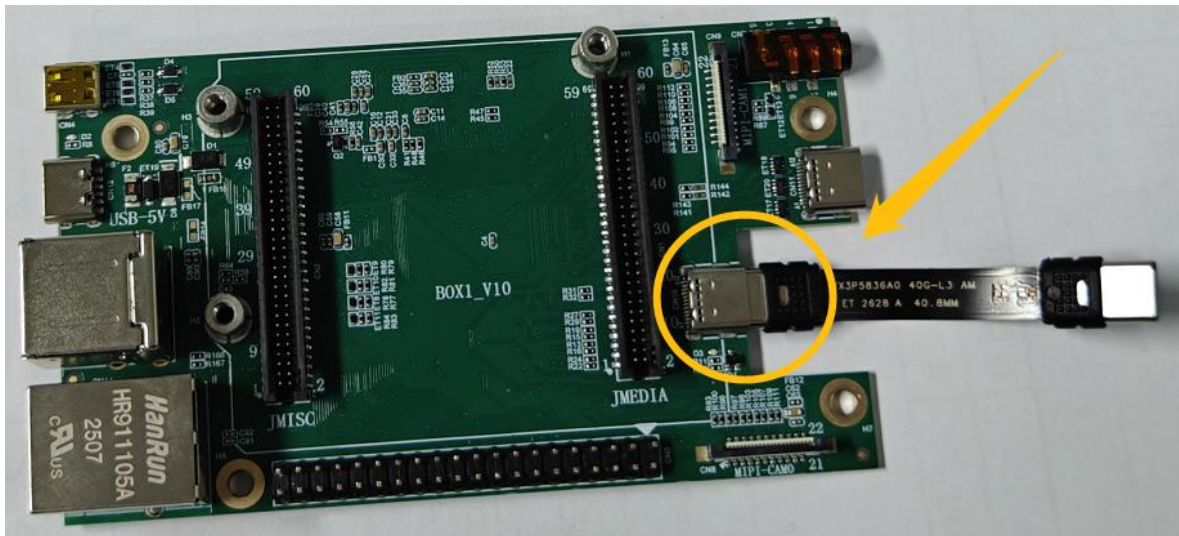
Insert the Type-C cable into the designated port on the carrier board, ensuring the connector is fully seated and oriented correctly (see figure below).



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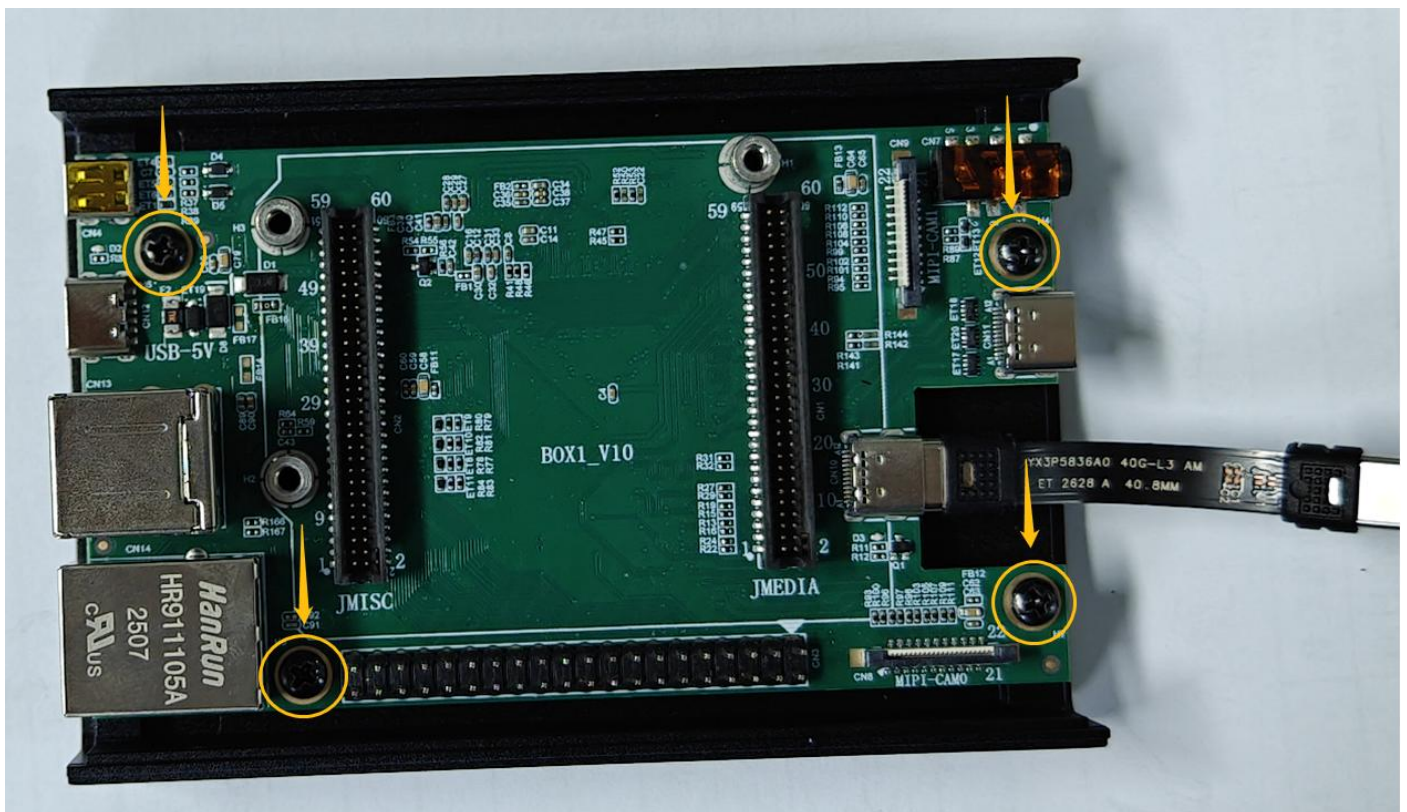
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Step 2 - Mount the Carrier Board

Place the carrier board onto the lower cover, aligning the four mounting holes. Secure it using 4 × M3 round head screws.

Tighten evenly.





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Step 3 - Mount the Arduino UNO Q Board

Place the Arduino UNO Q board onto the base plate, aligning its mounting holes with the standoffs. Secure it using 3 × M3 round head screws. Ensure that the Type-C port on the UNO Q board faces the same direction as the Type-C port on the carrier board.

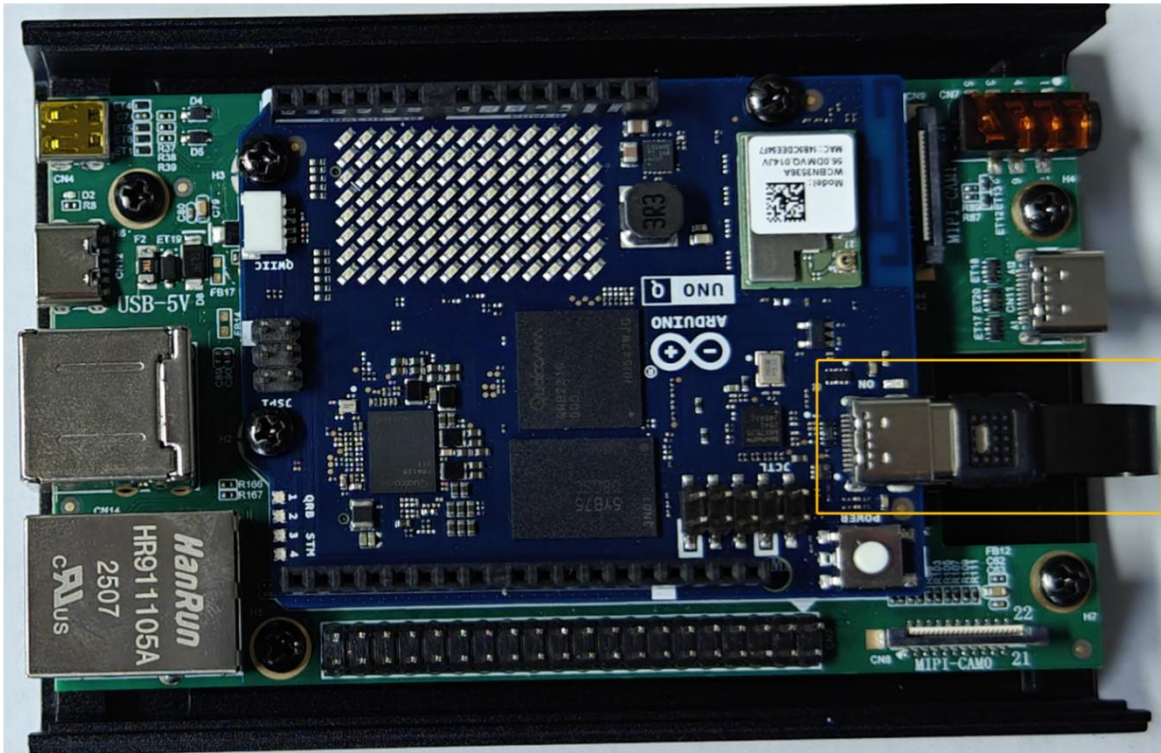


Step 4 - Connect the Type-C Cable

Connect the Type-C cable from the carrier board to the corresponding port on the Arduino UNO Q board. Ensure the connection is secure.

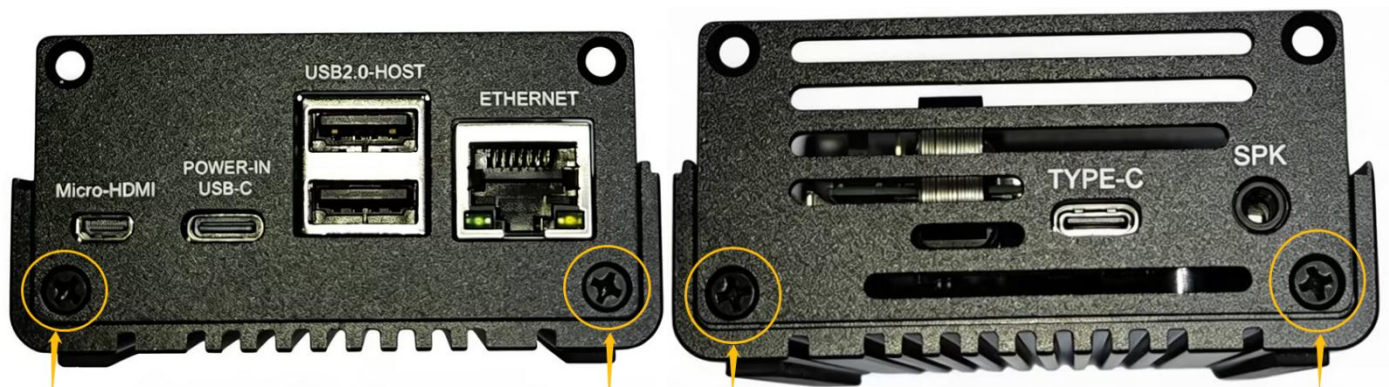


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Step 5 - Attach Front and Rear Bezels

Attach the front bezel and rear bezel to the lower cover. For each bezel, use 2× M3 countersunk screws (4 screws in total). Ensure the printed side of each bezel faces outward, and all cutouts align correctly with the ports on the carrier board.





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Step 6 - Install the Upper Cover

Place the upper cover over the assembly. Secure it using 2 × M3 thumb screws on each side (4 screws in total). Do not over-tighten.



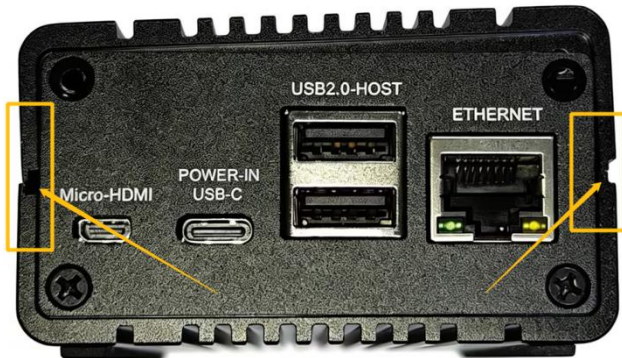
Correct installation of the upper cover (as shown below)



Wrong installation of the upper cover (as shown below)



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⚠ Important Reminders:

Always handle PCBs with care to avoid electrostatic damage.

Ensure the Type-C cable is securely inserted before closing the enclosure.

After assembly, check that all ports are accessible and no screws are loose.

If you encounter any resistance during assembly, stop and verify the alignment – do not force any components.