



Wi-Fi Module

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INTRODUCTION

Follow this guide to remove and replace the Wi-Fi Module in your Framework Desktop.



TOOLS:

- [Framework Desktop Screwdriver](#) (1)
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Step 1 — Remove the Handle



- ❗ If you installed the Handle on your Desktop, follow this step. Otherwise, skip it.
- Rotate the Handle's screw threads counterclockwise on both sides until it comes free.
 - Remove the Handle.

Step 2 — Remove the Top Panel screws



- Use your finger to lift up the two D-rings on the Top Panel screws.

Step 3



- Use your fingers to twist the screw counter-clockwise and loosen it.
- Remove the Top Panel screw.

Step 4



- Repeat the same procedure for the other Top Panel screw.

Step 5 — Remove the Top Panel



- Slide the Top Panel towards the rear of the computer to release the clips securing it to the chassis.
 - ❗ If you're having a hard time gripping the Top Panel, use the screw holes to get a better handhold.
- Lift the Top Panel off the chassis and remove it.

Step 6 — Remove the Right Panel



- Use your fingers to grip the top of the Right Panel and slide it upward to release its clips.
- Remove the Right Panel.

Step 7 — Reposition the Desktop



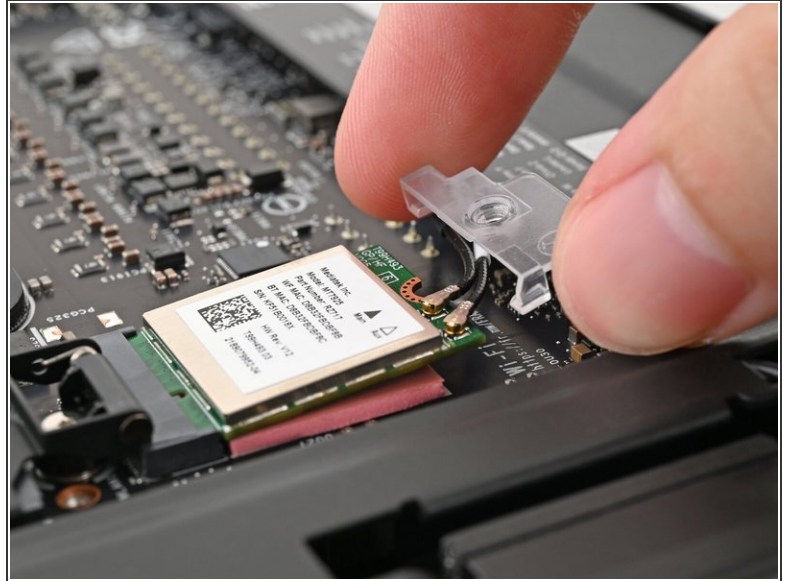
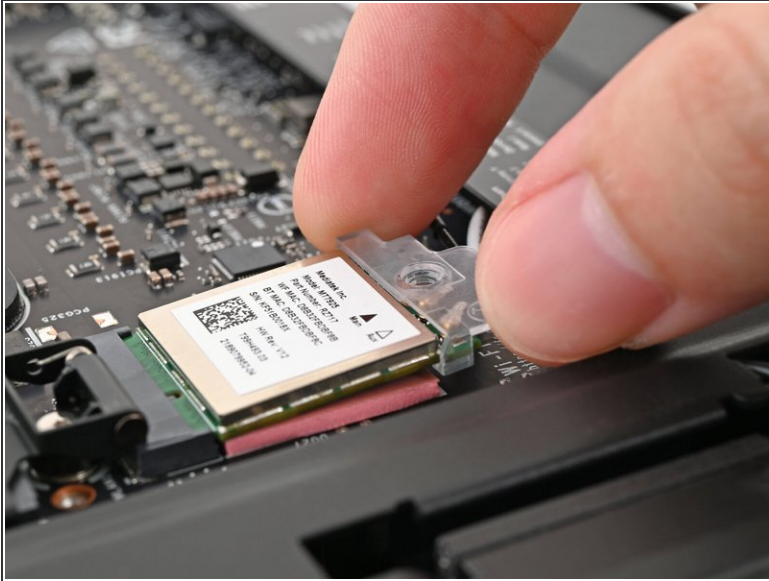
- Lay the left side of the Desktop on your work surface so the underside of the Mainboard is facing upward.

Step 8 — Remove the Wi-Fi Module screw



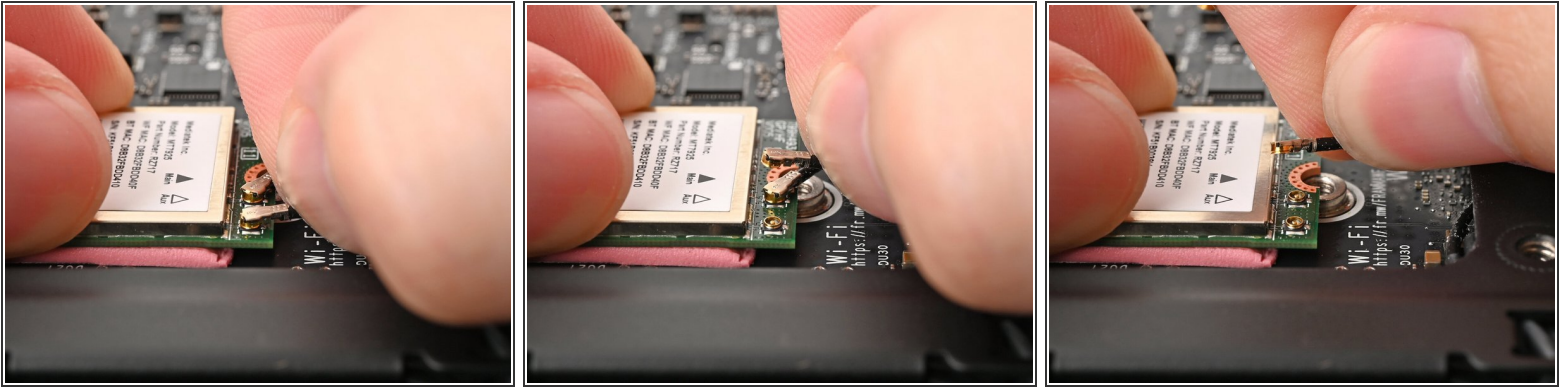
- Use your Framework Desktop Screwdriver to remove the 7.0 mm-long Phillips screw securing the Wi-Fi module.

Step 9 — Remove the Wi-Fi module cover



- Use your fingers to slide the Wi-Fi module cover straight off the bottom of the module.
- Remove the cover.

Step 10 — Disconnect the Wi-Fi Module



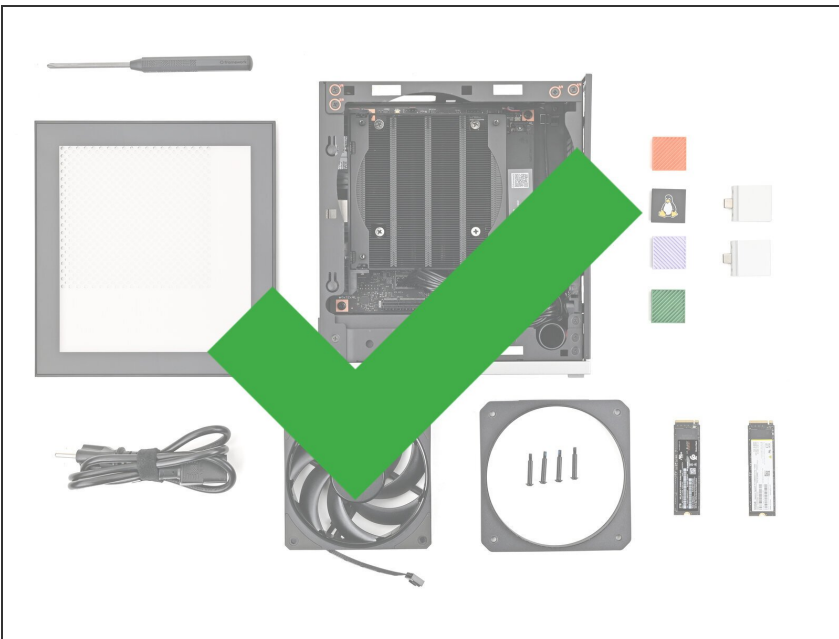
- ❗ The Wi-Fi module has two delicate [coaxial cable connectors](#). Follow this step carefully to avoid damaging them.
- Press and hold the Wi-Fi module down with your fingers.
- Use your fingers to grip the white antenna cable, as close to the metal head as possible.
 - ❗ If you have angled tweezers, slide one arm of a pair of tweezers under the antenna connector, as close to the metal head as possible.
- Gently lift the connector straight up to disconnect the white antenna cable.
- Repeat the procedure with the black antenna cable.

Step 11 — Remove the Wi-Fi module



- Grip the Wi-Fi module by its edges and pull it straight out of its socket.
- Remove the Wi-Fi module.

Step 12 — Disassembly complete



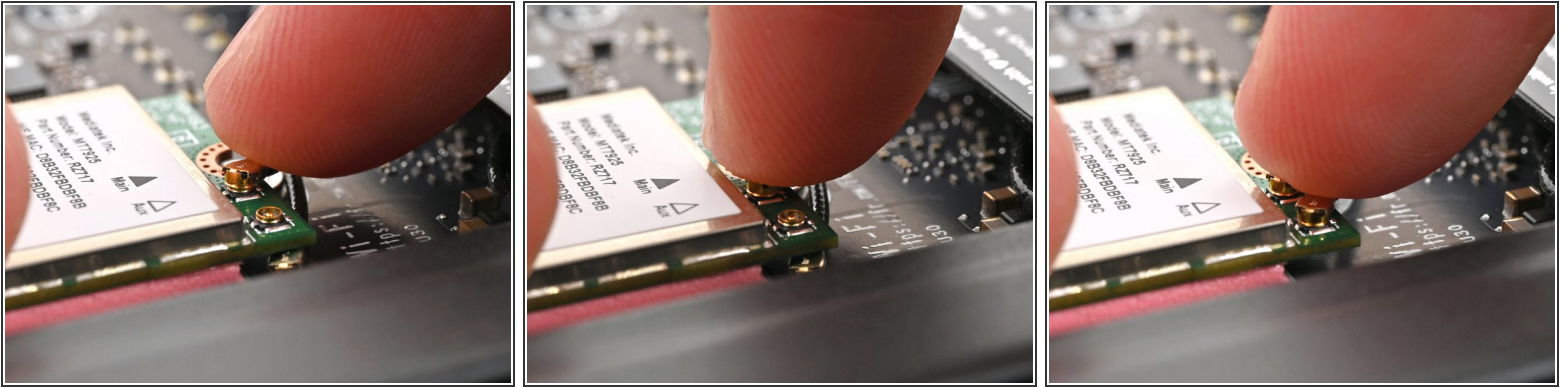
- Congratulations on completing disassembly! **The remaining steps will show how to reassemble your Framework Desktop.**

Step 13 — Install the Wi-Fi module



- ⚠ Hold the Wi-Fi module by its edges. Don't touch the gold contacts with your fingers. If you do, wipe the contacts with a clean, lint-free cloth to remove any finger oils.
- Align the Wi-Fi module's gold contacts and notch with the socket on the Mainboard.
 - Insert the Wi-Fi module into the socket at a shallow angle. The gold contacts should mostly be covered by the socket.
 - ℹ The Wi-Fi module fits into the socket in one orientation. If it doesn't fit, try flipping the module.

Step 14



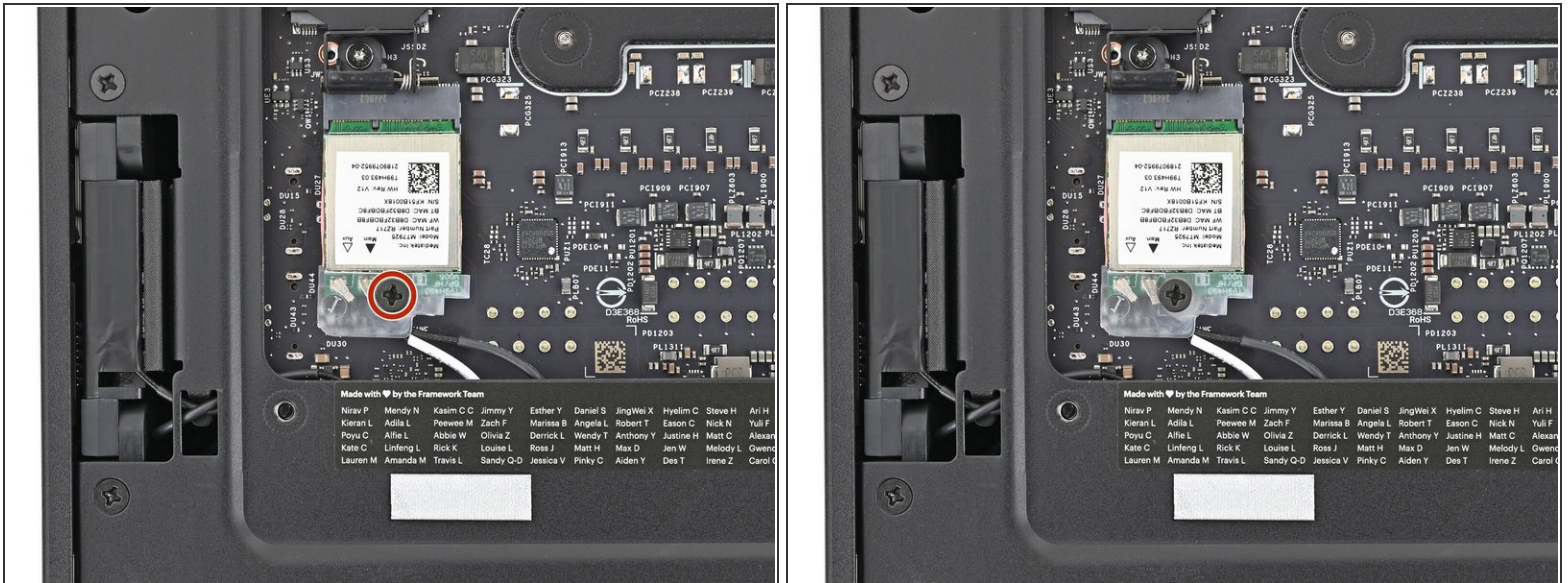
- Hold the Wi-Fi module down with your fingers.
- Position the black antenna cable connector over the left Wi-Fi module's coaxial socket.
 - ❗ Tweezers can help position the connector.
- Use your finger to press the connector into place. You should feel a faint click, and the cable will stay attached to the socket by itself.
 - ⚠ These connectors are very delicate! If the connector doesn't feel like it's clicking in place, reposition the connector and try again.
- Repeat the procedure with the white antenna cable.

Step 15



- Hook the Wi-Fi bracket over the corner of the Wi-Fi module opposite the antenna cables.
- Rotate the bracket over the Wi-Fi module, making sure the screw hole isn't being obstructed by the antenna cables.

Step 16 — Install the Wi-Fi module screw



- Use your Framework Desktop Screwdriver to install the screw securing the Wi-Fi module.

Step 17 — Install the Right Panel



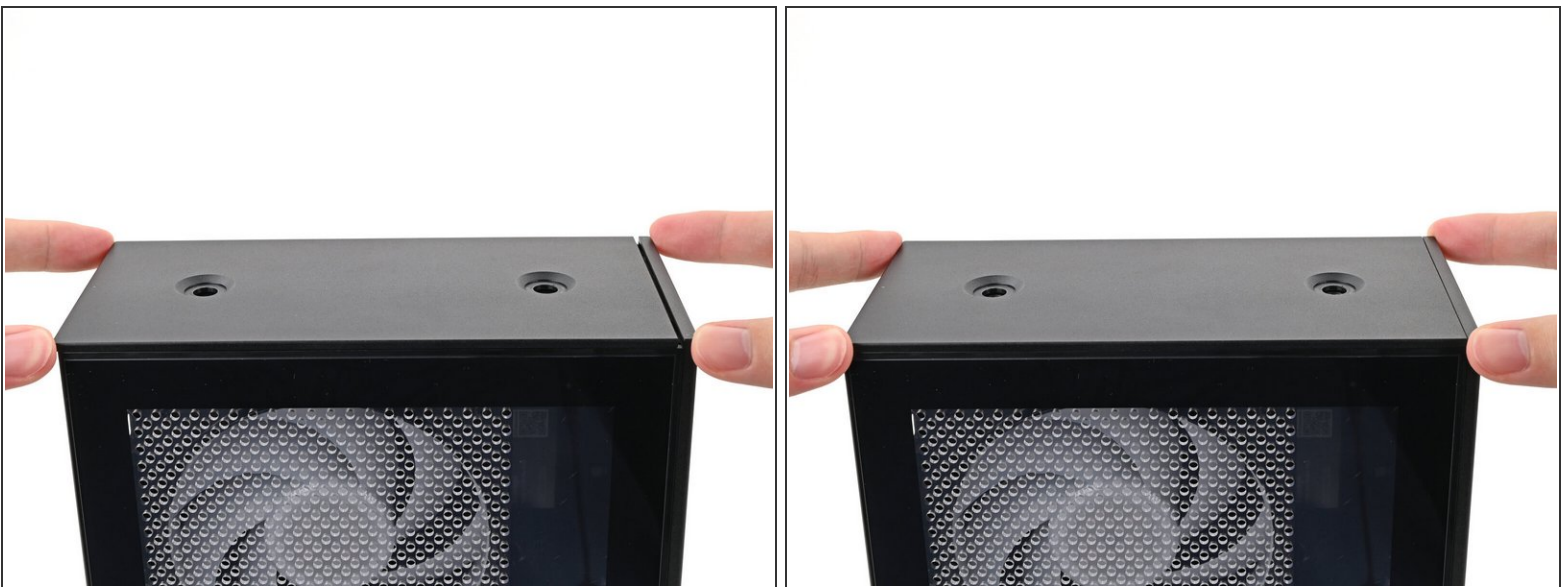
- Slide the Right Panel onto the right edge of the chassis, from top to bottom, and press it flat to ensure its clips are slotted into place.
 - ❗ There should be a [small gap](#) between the bottom of the Right Panel and the silver base.
- Push the Right Panel towards the base of the computer to engage the clips.

Step 18 — Install the Top Panel



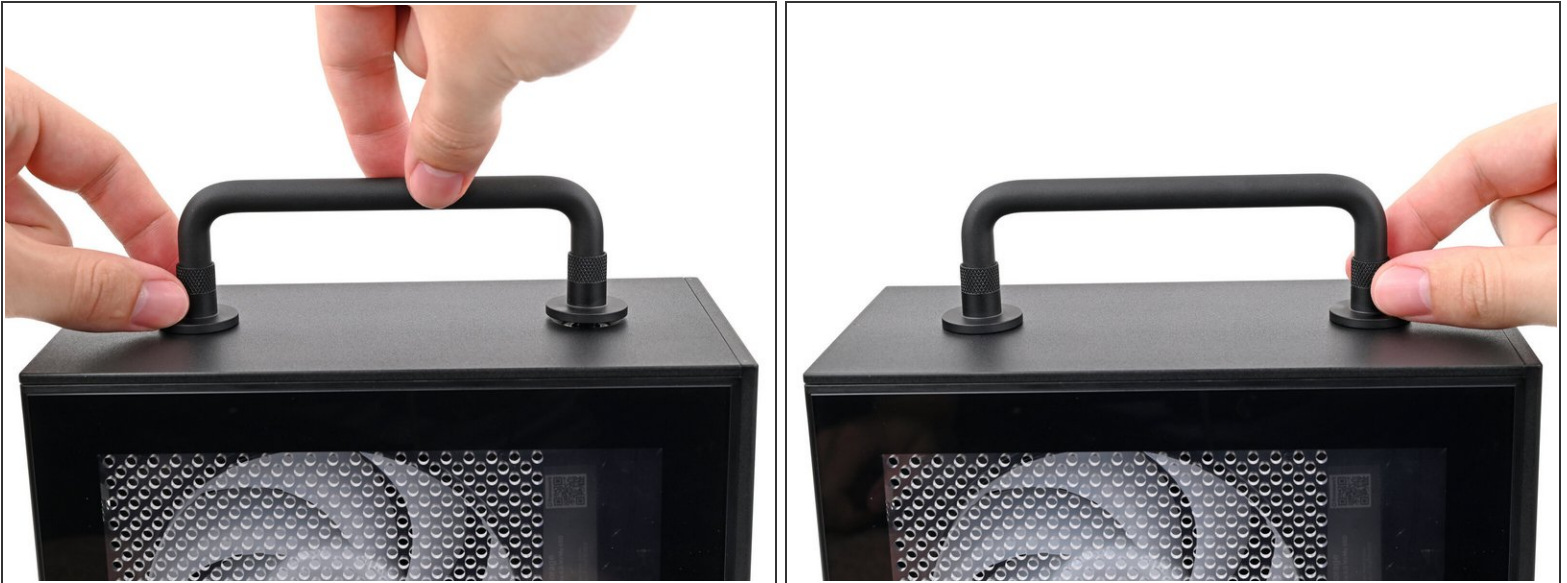
- Orient the Top Panel so its arrow is pointing towards the rear of the computer.
- While holding the Top Panel at a slight downward angle, slide it across the top of the chassis (from rear to front) until you feel its clips catch.
 - ⓘ There should be a [small gap](#) between the Top Panel and the front of the Desktop.
- Lay the Top Panel flat on the chassis to align the remaining clips.

Step 19



- While securing the computer with one hand, use the other hand to slide the Top Panel towards the front of the computer to close the gap and engage the clips.

Step 20 — Install the Handle



- ❗ If you're installing the Handle on your Desktop, follow this step. Otherwise, skip it.
- Place the Handle over the Top Panel screw holes.
 - While holding the Handle in place, twist the screw threads on both sides clockwise until they're snug on the Top Panel.

Step 21 — Install the top panel screws



- Insert the top panel screw into its hole and twist clockwise until it feels snug.

Step 22



- Repeat the same procedure for the other top panel screw.

Step 23



- Use your finger to close the two D-rings on the top panel screws.

You finished fixing your Framework Desktop!

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

If you need help, [contact Framework support](#).