Wi-Fi Module Replacement for Framework Laptop 13 Pro

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INTRODUCTION

Use this guide to replace the Wi-Fi module in your Framework Laptop 13 Pro.

TOOLS:

- Framework Screwdriver (1)

Step 1 — Before you begin





- Unplug all cables and fully shut down your laptop from the OS.

Step 2 — Loosen the Input Cover screws





- Use your Framework Screwdriver to loosen the five captive T5 Torx screws securing the Input Cover.

Step 3 — Lift the Input Cover





- Flip over your laptop and open it.
- Use your fingers to lift the Input Cover up and release it from its magnets.

⚠ Don't fully remove the Input Cover yet, as it's still attached by the Touchpad Cable.

ⓘ If you're having trouble lifting the Input Cover, you can leverage the gap at the bottom right corner to get your fingers fully under it.

Step 4 — Flip over the Input Cover





- Flip the top of the Input Cover so the Keyboard is facing down.
- Rest the Input Cover over the Battery, making sure the Touchpad Cable isn't being strained.

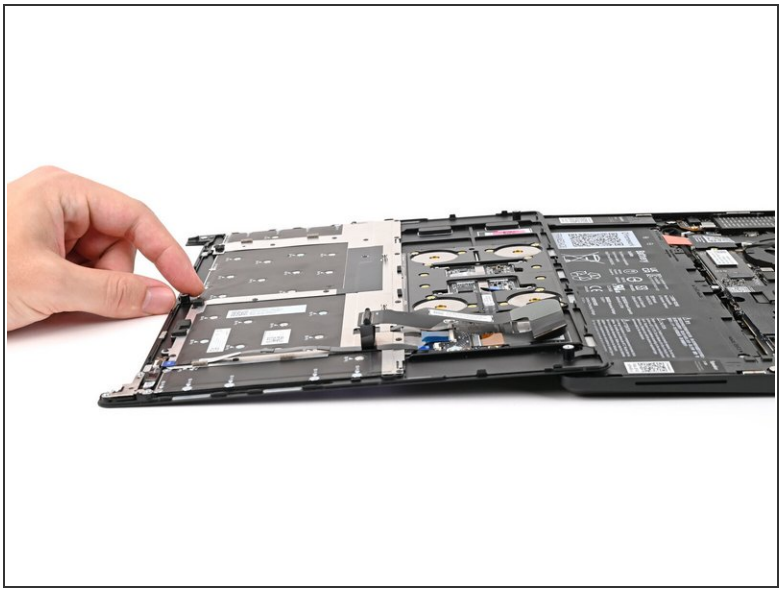
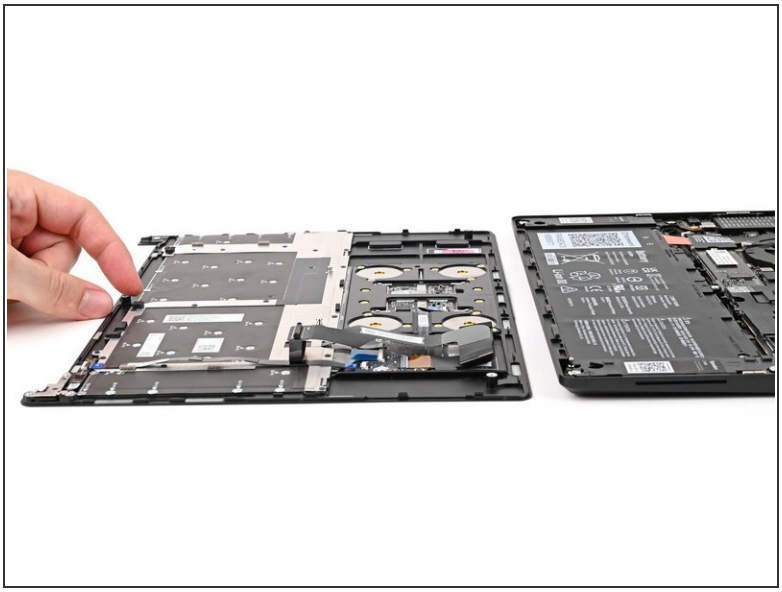
⚠ If the LEDs on the left and right sides of the Mainboard are flashing, then your laptop is still powered on. Make sure your laptop is completely powered off before continuing.

Step 5 — Disconnect the Touchpad Cable




- Insert your finger into the Touchpad Cable press connector loop.
- Lift up to disconnect the Touchpad Cable from the Mainboard.

Step 6 — Remove the Input Cover

- Remove the Input Cover.

Step 7 — Loosen the Wi-Fi module screw





- Use your Framework Screwdriver to loosen the captive T5 Torx screw securing the Wi-Fi module.

ⓘ The module might pop up at a shallow angle when you loosen the screw.

Step 8 — Remove the Wi-Fi module cover





- Slide the clear plastic cover straight off the module and remove it.

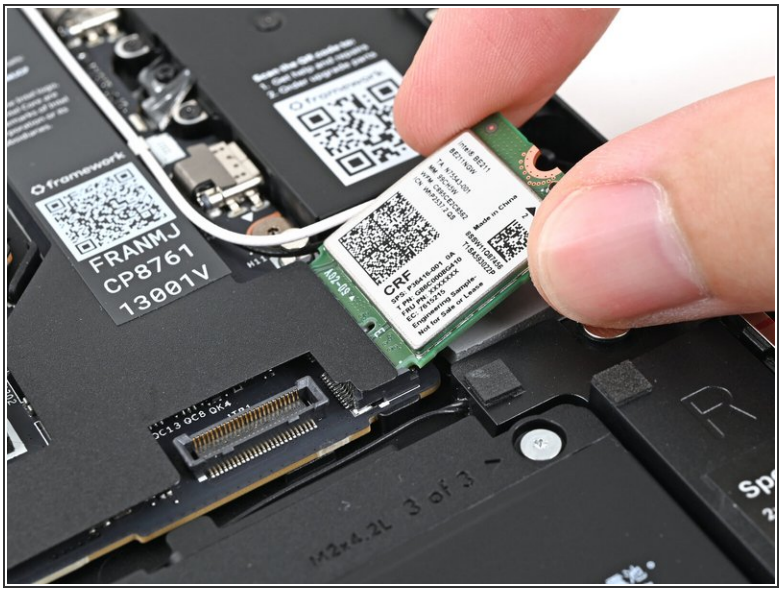
Step 9 — Disconnect the Wi-Fi module

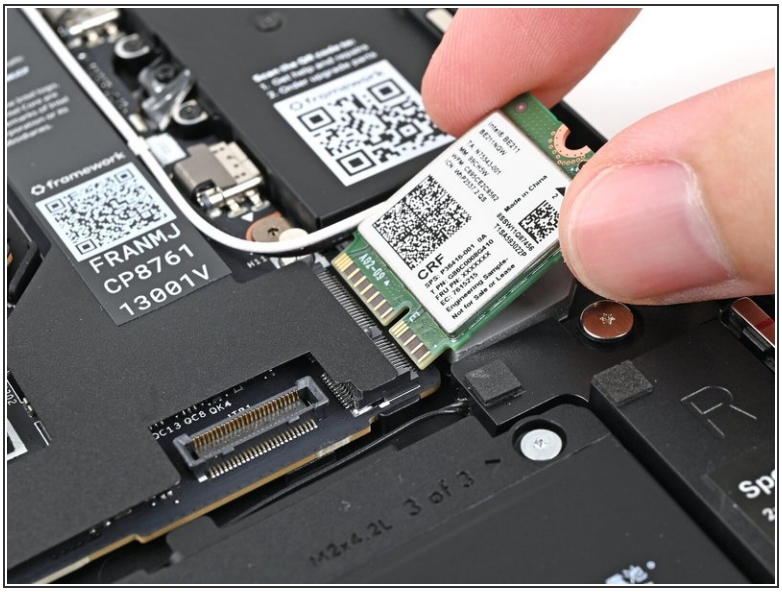




- While holding the Wi-Fi module down, insert the flat end of your Framework Screwdriver under one of the coaxial connectors, where the cable meets the metal head.
- Lift the screwdriver straight up to disconnect the coaxial cable.
- Repeat for the other coaxial cable.

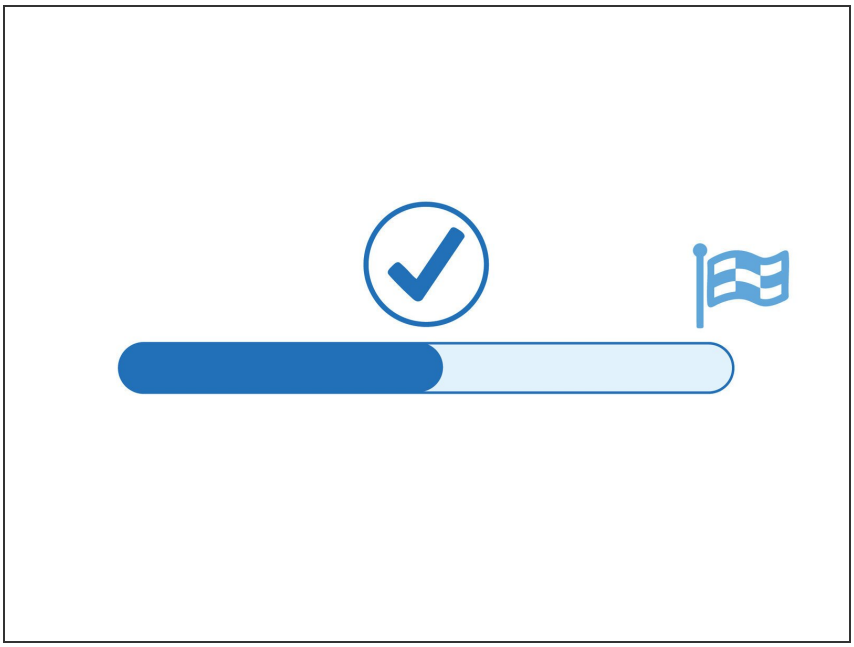
Step 10 — Remove the Wi-Fi module





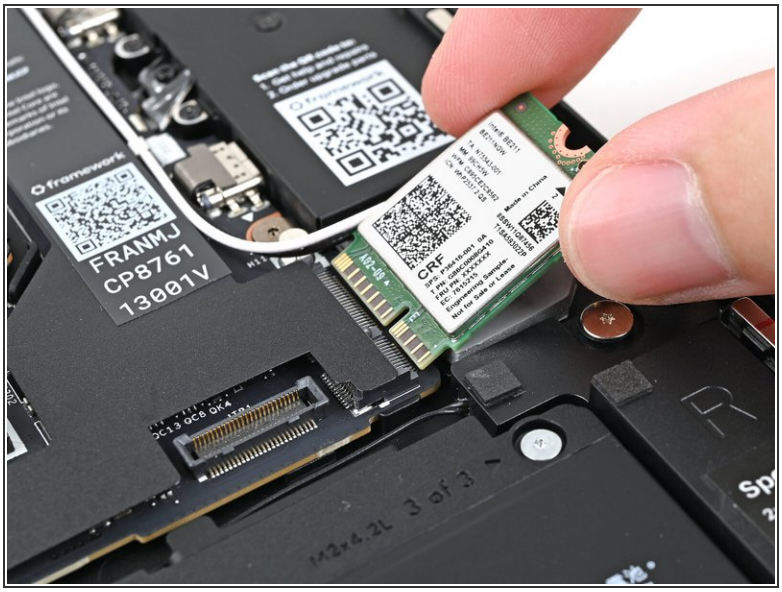
- Grip the end of the Wi-Fi module with the screw hole and slide it out of its socket.

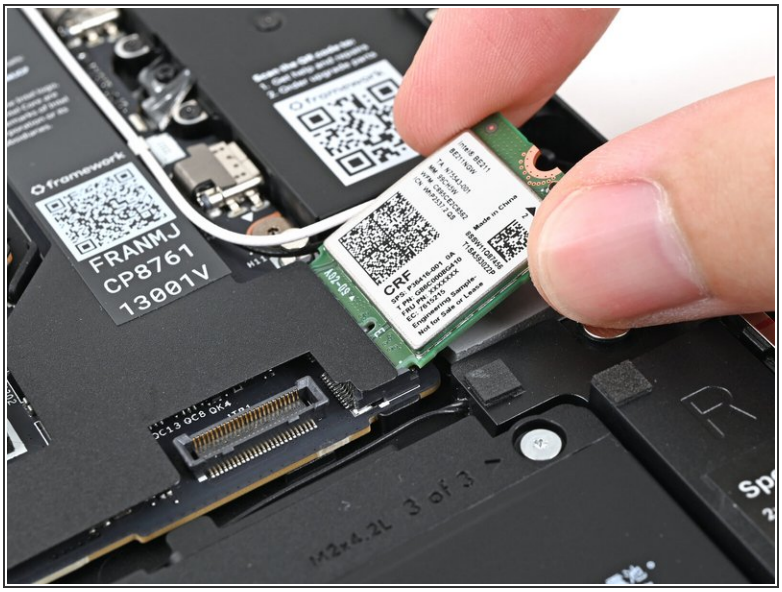
Step 11 — Disassembly Complete



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

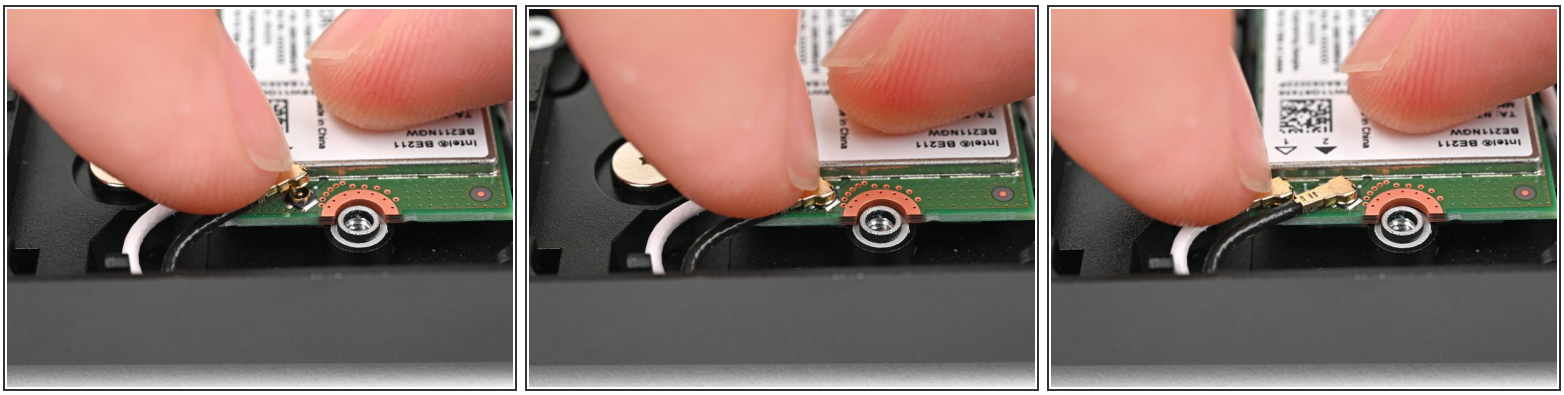
Step 12 — Insert the Wi-Fi module





- Grip the end of the Wi-Fi module with the screw hole and slide it straight into its socket.

Step 13 — Reconnect the Wi-Fi module



- Hold the Wi-Fi module down with your finger.
- Position the black antenna cable connector over the Wi-Fi module's coaxial socket labeled by the black arrow.
  - ⓘ If you're unsure which cable goes where, refer to the arrows on the Wi-Fi module for which color cable matches with its connector.
  - ⓘ 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 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.

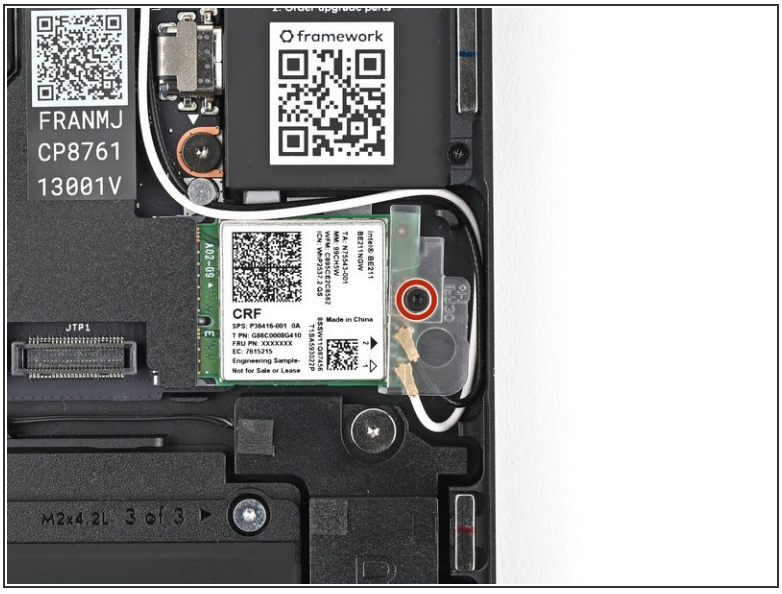
Step 14 — Install the clear plastic cover





- Slide the clear plastic cover onto the module and align its screw with the screw hole cutout.

Step 15 — Tighten the Wi-Fi module screw





- Use your Framework Screwdriver to tighten the captive T5 Torx screw securing the Wi-Fi module.

Step 16 — Position the Input Cover





- Position the Input Cover, Keyboard down, on top of the laptop so it just covers the Battery.
  - ⓘ This allows the Touchpad Cable to be folded over and reconnected without straining it.

Step 17 — Connect the Touchpad Cable




- Insert your finger into the Touchpad Cable press connector loop.
- Align the press connector over its socket and press down with your finger.
  - ⓘ You should hear it "click" into place. If you're having trouble, reposition it and try again. Don't try to force the connector into place.

Step 18 — Place the Input Cover




- Flip the Input Cover over the laptop and align the bottom edges.

Step 19





- Lay the Input Cover over the laptop and let the magnets snap it into place.

ⓘ The bottom right corner of the Input Cover won't sit flush with the laptop until you tighten its screws.

Step 20 — Reposition the Laptop



- Close the laptop and flip it over.

Step 21 — Tighten the Input Cover screws



- Use your Framework Screwdriver to tighten the five captive T5 Torx screws securing the Input Cover.

⚠ Don't overtighten the screws—just make sure they're snug.

You finished fixing your Framework Laptop!

Take your e-waste to an R2 or e-Stewards certified recycler.

If you need help, contact Framework support.