

Lenovo ThinkPad T470 Wi-Fi Card Replacement

This guide will show you how to replace the...

Written By: Kristen Gismondi



INTRODUCTION

This guide will show you how to replace the Wi-Fi card in a Lenovo ThinkPad T470 laptop.

A Wi-Fi card, also known as a WLAN card, enables the laptop to connect to a wireless network. If you cannot connect your laptop to Wi-Fi, or if you are experiencing intermittent connectivity, you may have a faulty Wi-Fi card. Be sure to rule out other connectivity issues <u>listed here</u> before replacing your Wi-Fi card.

Make sure to <u>disable the internal battery</u>, power down your device, and disconnect from any external power sources before you begin.

🖌 TOOLS:

🌣 PARTS:

Phillips #1 Screwdriver (1) Spudger (1) 01AX748 - Lenovo Laptop Wireless Module - Genuine (1)

Step 1 — External Battery



A Before you begin this guide, make sure to <u>disable the internal battery</u>, power down your device, and disconnect from any external power sources.

- Place the laptop so that the bottom is facing upwards.
- Slide the latch on the left side of the battery to the left until it clicks in place.

Step 2



- Slide the latch on the right side of the battery to the right and hold it in place with your thumb.
- Use your other hand to slide the battery towards the back of the laptop.
- Lift the battery up and away from the laptop.



Step 3 — Bottom Cover

• Use a Phillips #1 screwdriver to loosen the six captive screws on the bottom cover of the laptop.

Step 4



- Use your hands to pull up on the back cover and release the plastic clips starting on the bottom side of the battery compartment.
- A Potential for device damage: Be sure to detach the plastic clips in this area first. You risk cracking the bottom cover if you attempt to detach it from around the edges of the laptop first.
- Use your hands to pull up on the right side of the bottom cover to release the plastic clips.
- Use your hands to pull up on the left side of the bottom cover to release the plastic clips.

Step 5



- Remove the bottom cover from the laptop.
- Disconnect the battery from the board before continuing.

Step 6 — Wi-Fi Card



• Use a finger to press the black flap covering the Wi-Fi card down.

Step 7



Use the flat end of a spudger to disconnect the two coaxial wires from the Wi-Fi card.
When reassembling, reattach the gray wire on the left and the black wire on the right.

Step 8



• Use a Phillips #1 screwdriver to remove the single 4 mm screw from the Wi-Fi card.

Step 9



- Use your fingers to lift the Wi-Fi card up and out of its slot.
- This laptop does not include a WWAN card, but if yours does, follow the same procedure as Steps 6-9 to remove it.

To reassemble your device, follow these instructions in reverse order.

Take your e-waste to an <u>R2 or e-Stewards certified recycler</u>.

Repair didn't go as planned? Try some <u>basic troubleshooting</u>, or ask our <u>Answers</u> <u>community</u> for help.