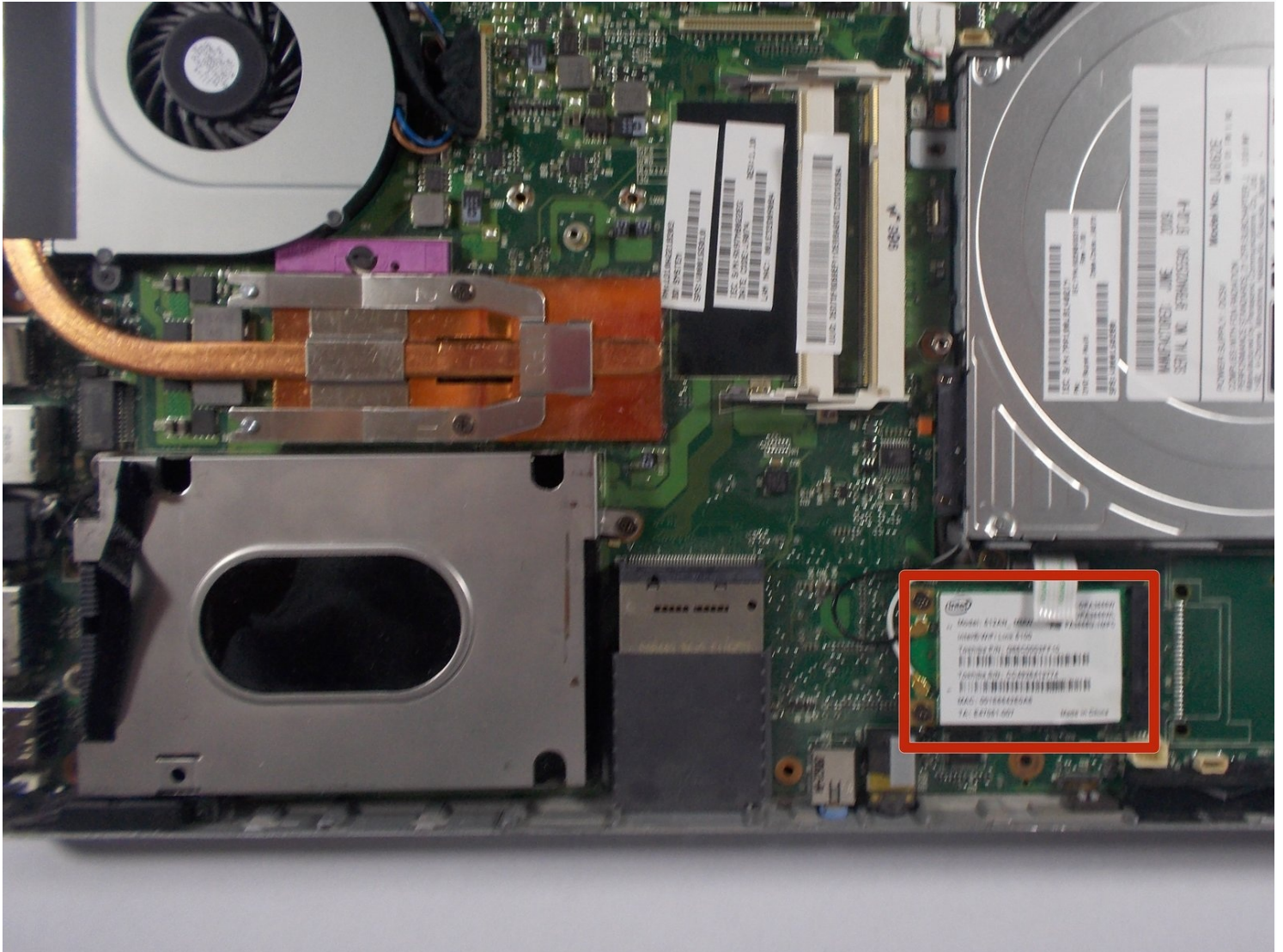# Toshiba Satellite E105-S1602 Wifi Card Replacement

The WiFi card is what assists your device with...

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# INTRODUCTION

The WiFi card is what assists your device with connecting to the internet without an Ethernet cable. If nothing is wrong with the router that you are trying to connect with then you may need to replace your WiFi card.

🔧 **TOOLS:**

Phillips #00 Screwdriver (1)
iFixit Opening Tool (1)
Tweezers (1)

## Step 1 — Battery



- Slide both of the latches to the outside to release the battery.

## Step 2



- Pull the battery out by lifting the battery cover away from the laptop.

## Step 3 — Keyboard



- Flip the computer over and insert the plastic opening tool under the plastic strip at the top of the keyboard.

- Pry the top plastic strip from the top of the keyboard.

- Peel the strip completely away from the keyboard.

## Step 4



- Using your Phillips #00, unscrew the two 4.80mm screws at the top of the keyboard.
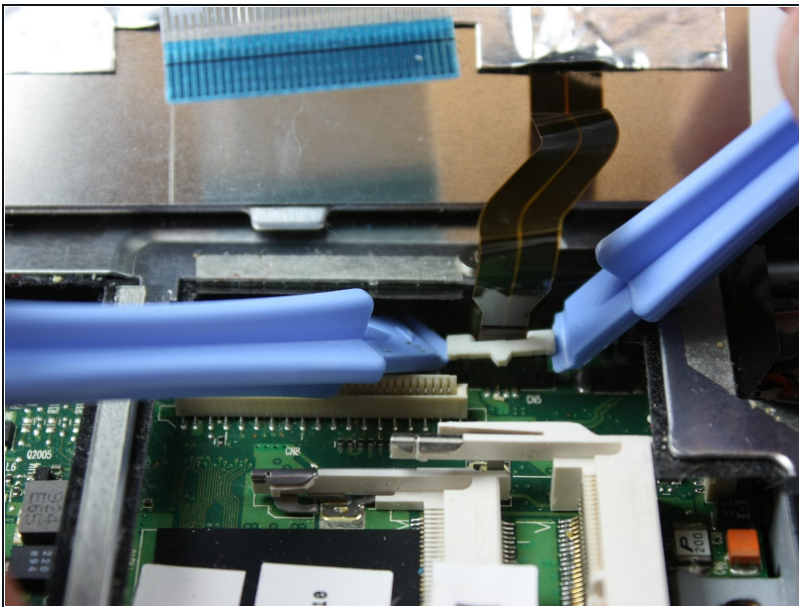
## Step 5



⚠ When removing the keyboard, be careful not to rip the ribbon cable connecting the keyboard to the computer, to avoid damaging it.

- Flip the keyboard up from the bottom in order to see the two ribbons connecting it to the motherboard.

## Step 6



- Using the plastic opening tools, pop out the ribbon cable from the rest of the computer.
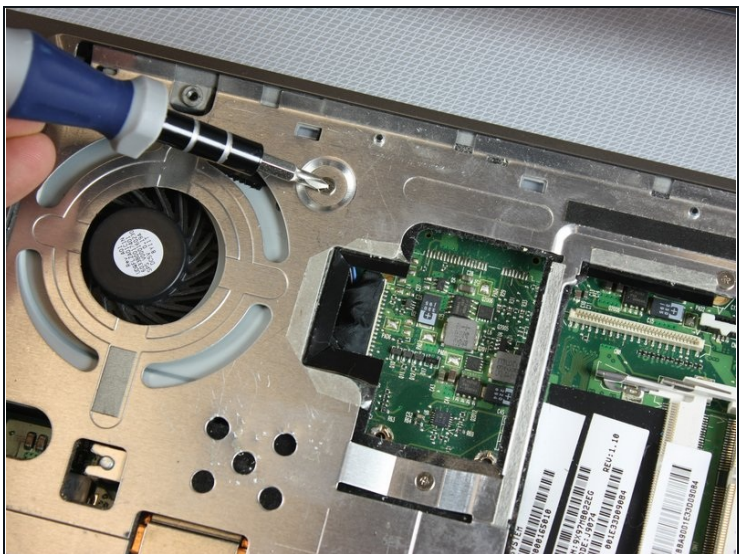
## Step 7



- Using the plastic opening tools, pop out the second ribbon cable from the rest of the computer.

## Step 8



- Completely remove the keyboard from the laptop by lifting up the part closest to the screen, and then gently pulling out the bottom half.

- ⓘ Keep the keyboard safe by storing it on a flat, non-metallic surface until needed.
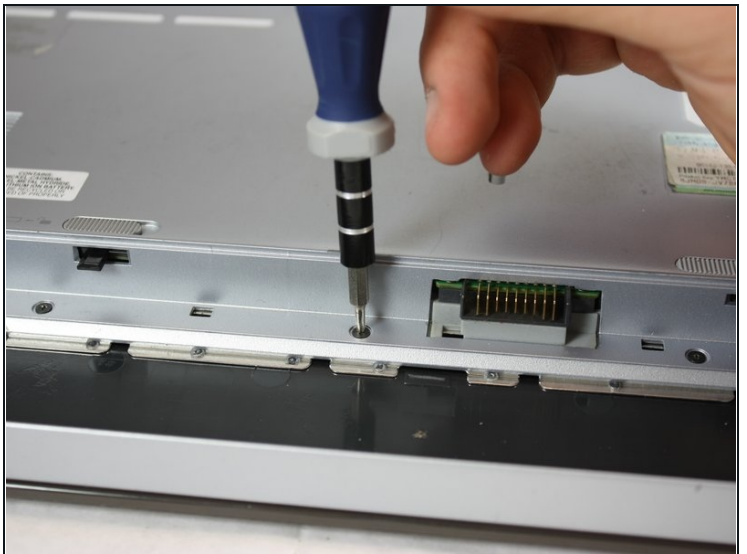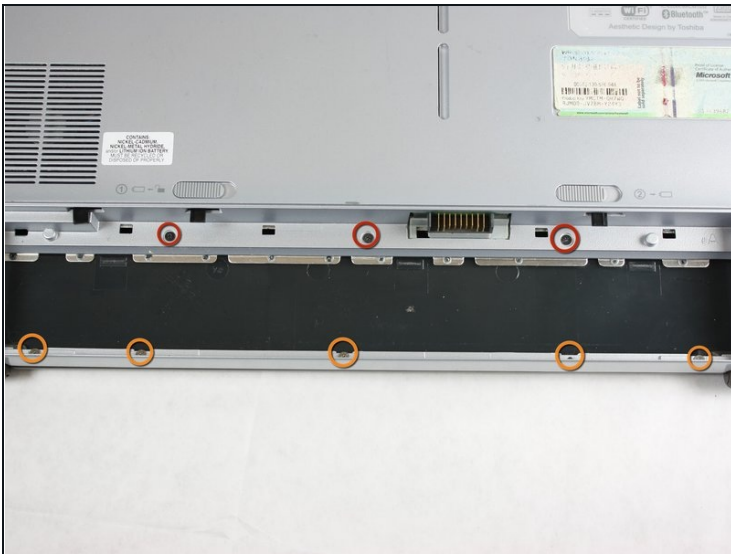
## Step 9 — Front Panel



- Locate the four silver screws on the front panel.

- Using the Phillips #0, unscrew to remove all four 2.95mm silver screws.

## Step 10



- Flip the laptop over and locate all seven screws on the bottom of the laptop.

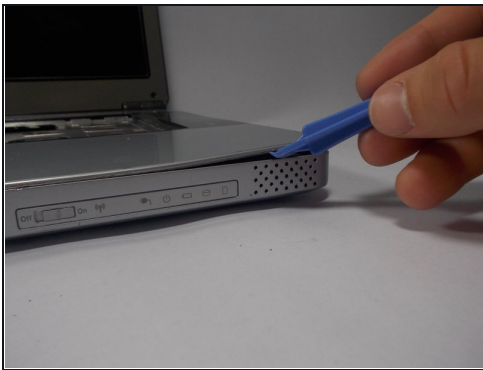- Unscrew all seven Philips#00 7.70mm screws.

## Step 11



- Locate and unscrew the three silver Philips #00 2.85mm screws inside the battery compartment.

- Locate and unscrew the five black Philips #00 3.25mm screws inside the battery compartment.

## Step 12



- Rotate the laptop so the back faces you.

- Locate the two black Philips #00 7.65 screws, one by each hinge, and remove.
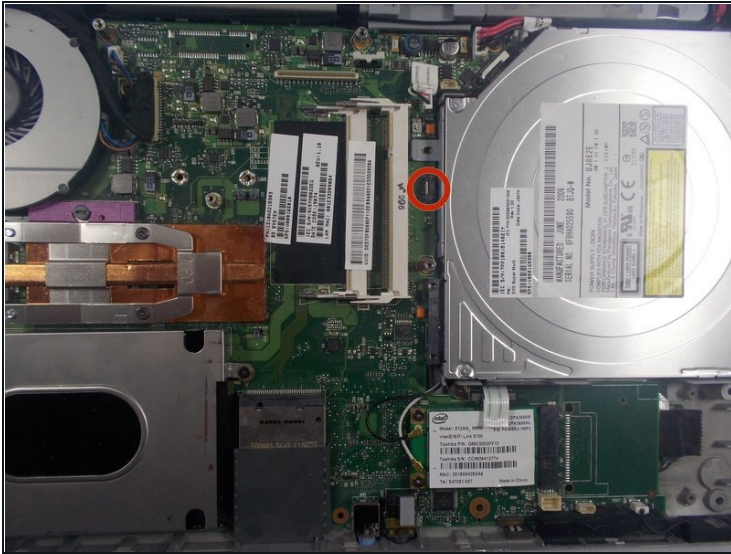
## Step 13



- Use the plastic opening tool to pry the top panel up from the base of the computer.

- Slowly work your way around the computer with the plastic removing tool to make it easier to lift the top panel away from the base.

⚠ Carefully lift the top panel no more than six inches, as there are ribbon cables connecting the two pieces.
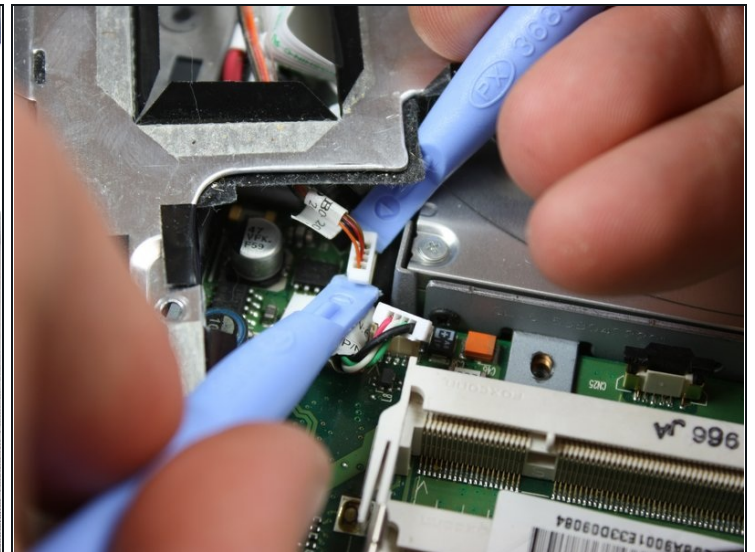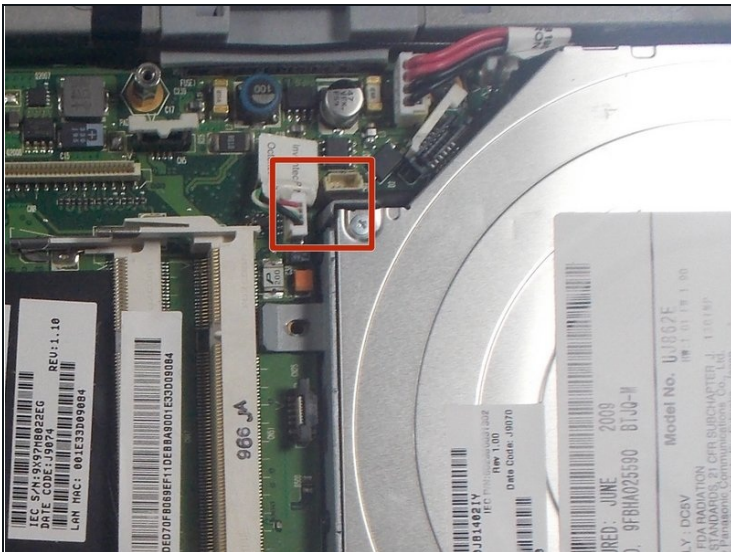
- Disconnect ribbons, and slowly lift the top panel up, away from the base.
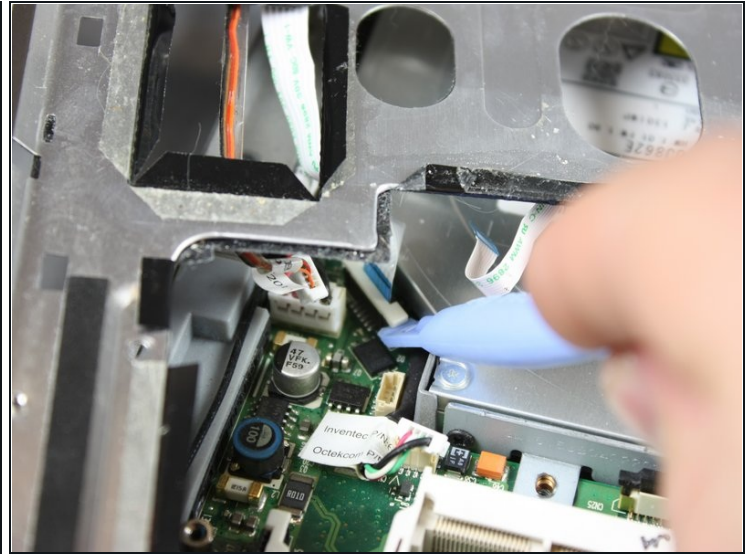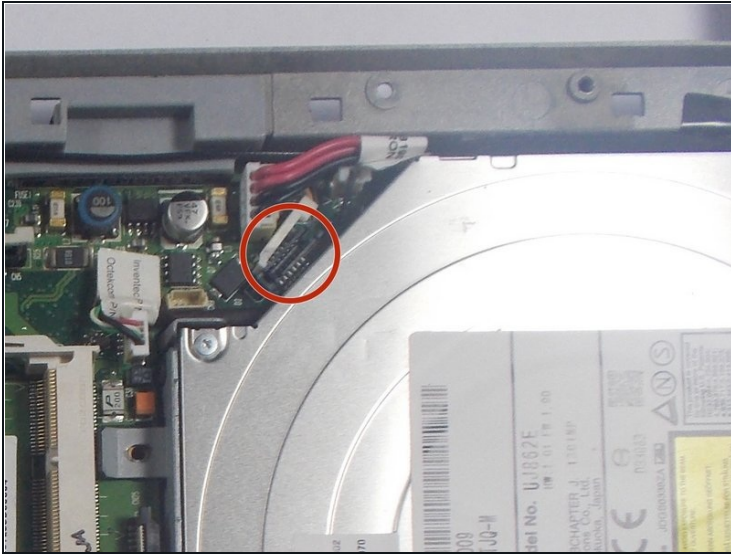
## Step 14



- Locate the ribbon cable from the motherboard.

- Using plastic removing tools, pop the ribbon base from the motherboard.
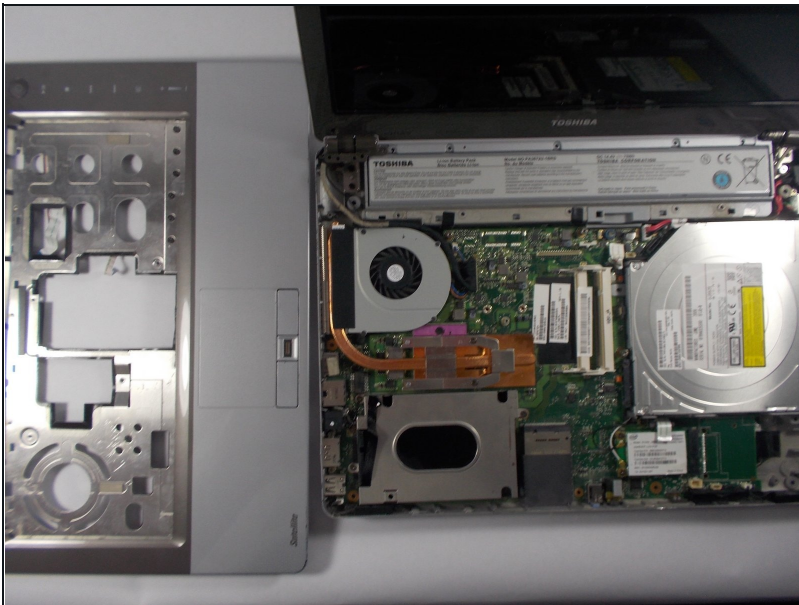
## Step 15



- Locate the two plugs from the motherboard.

- Using plastic opening tools, remove each plug from the motherboard.

## Step 16



- Locate the ribbon cable partially hidden under the front panel.

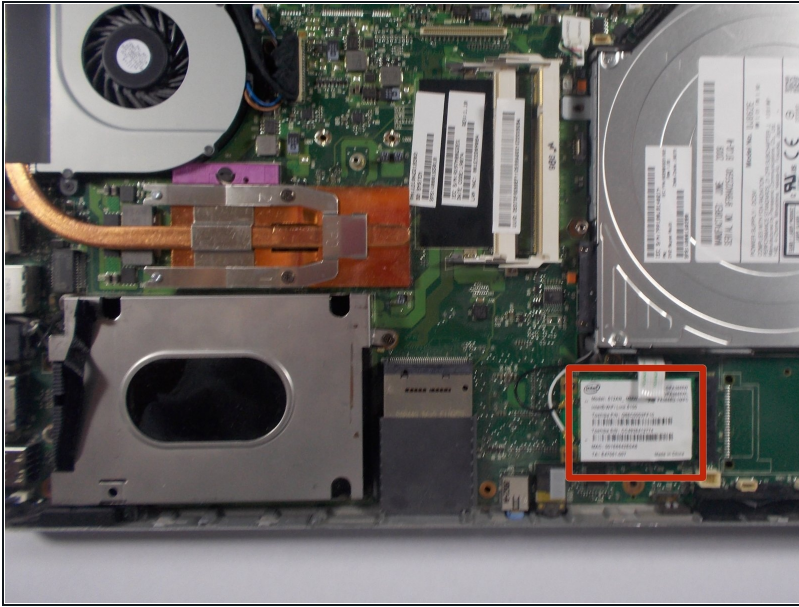- Using plastic opening tools, pop out the ribbon cable from the motherboard.

## Step 17



⚠ Make sure that all wires have been disconnected before proceeding to avoid damaging components.

- Slowly lift the top panel away from the base of the computer.

- Place the top panel away from the computer and keep in a flat non-metallic surface until needed.

## Step 18 — Wifi Card



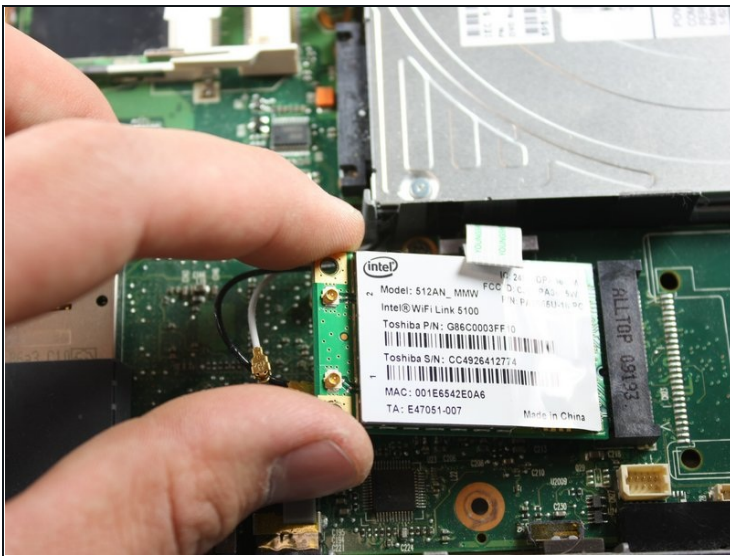- Locate the WiFi card, which is directly beneath the disc drive.

## Step 19



- Locate the black wire and white wire connected to the WiFi card.

- Using a pair of [tweezers](#) remove the wires by lifting them straight up away from the board.

- ⓘ For reassembly, note that the black wire connects to the top port, and the white wire to the bottom part.

## Step 20



- Locate and remove the two Philips #00 4.85 mm screws on the left of the WiFi card.

## Step 21



⚠ Be careful not to pull the WiFi card straight up, as you might damage components on the motherboard.

- Grip the sides of the WiFi card and lift it up partially.

- Gently pull the WiFi card away from the black plastic base to remove.

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