



# Acer E5-571-54FL WiFi Card Replacement

Having connection issues with your WiFi? Is it...

Written By: Aaron Weissman



# INTRODUCTION

Having connection issues with your WiFi? Is it dropping or the signal is very weak? Your WiFi card may be faulty or past it's prime. This guide will take you through the replacement of the WiFi card.

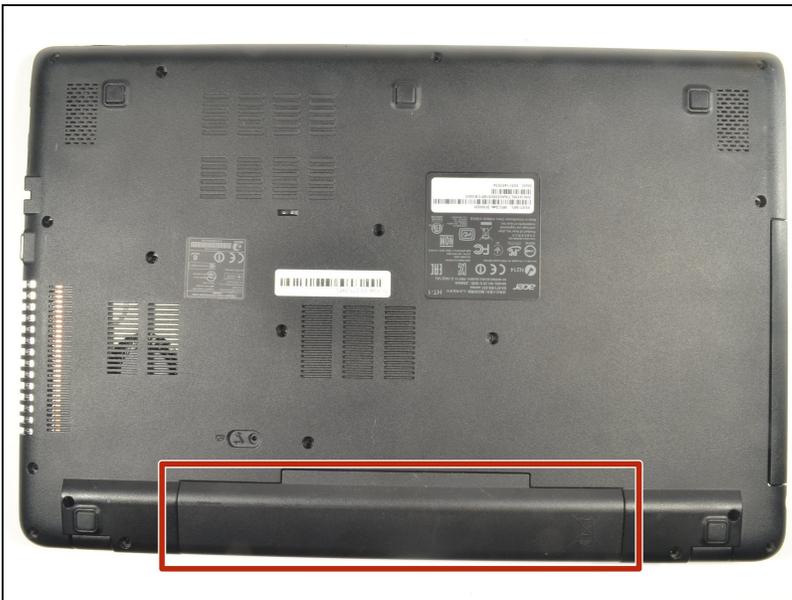
## TOOLS:

[Phillips #0 Screwdriver](#) (1)  
[iFixit Opening Tool](#) (1)  
[Metal Spudger Set](#) (1)  
[ESD Safe Blunt Nose Tweezers](#) (1)

## PARTS:

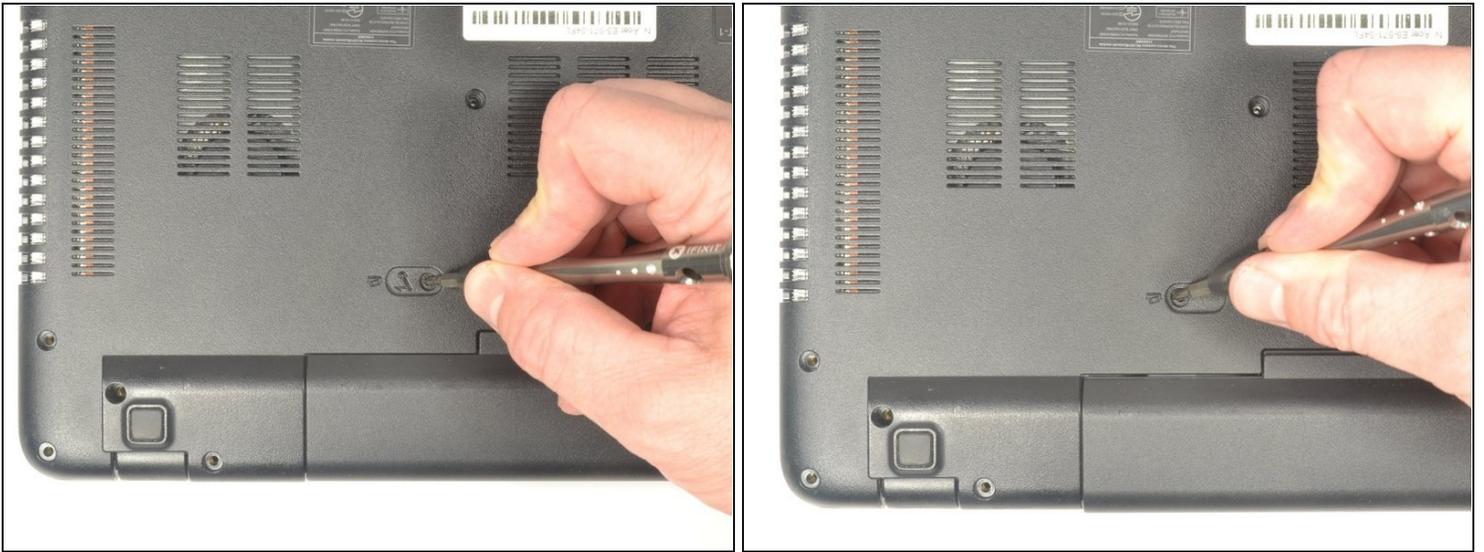
[Intel Dual Band Wireless-AC3160](#) (1)  
**Mini-PCIE**  
*Model 3160HMW*

## Step 1 — Battery



- Power down the laptop prior to beginning.
- Turn the laptop over with the battery closest to your body.

## Step 2



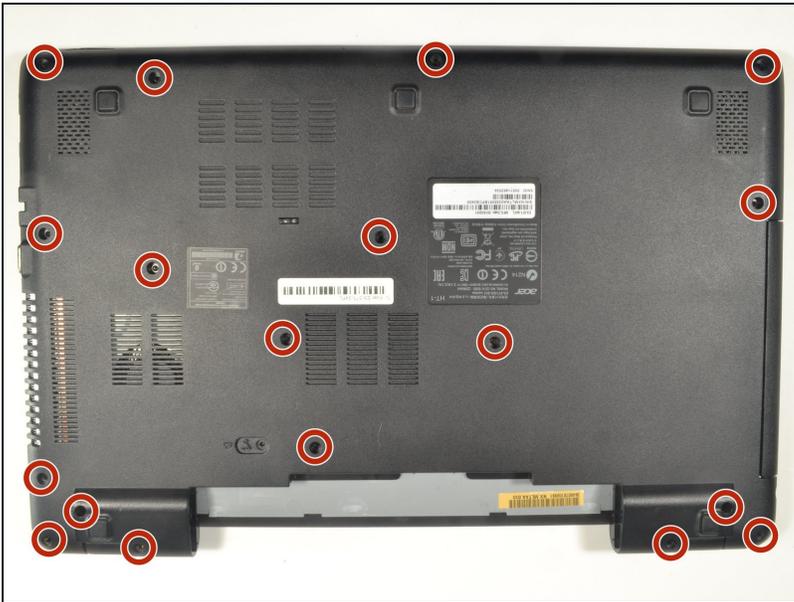
- Insert the pointed end of a spudger into the battery release.
- Slide the release gently all the way to the left.
- ⓘ You should hear a sound after the slide is all the way left. This lets you know the battery has disengaged.

## Step 3



- Place your hands on each end of the battery.
- Pull the battery towards your body to remove it.

## Step 4 — Keyboard



- Using a #0 Phillips screwdriver, remove a total of eighteen identical 8mm Phillips screws and set them aside.

## Step 5



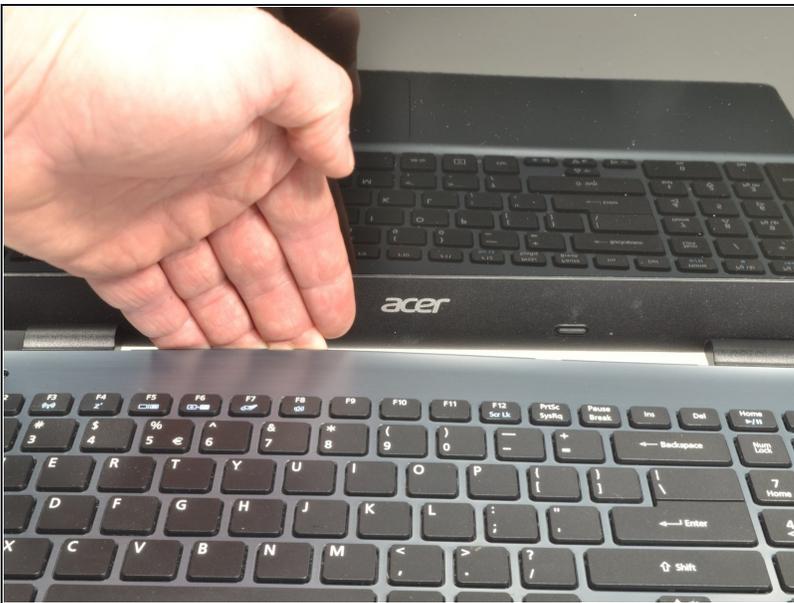
- Rotate the laptop 180 degrees so that the battery compartment is now furthest away from your body.

## Step 6



- Turn the laptop over so that you can easily open the screen to a vertical position.

## Step 7



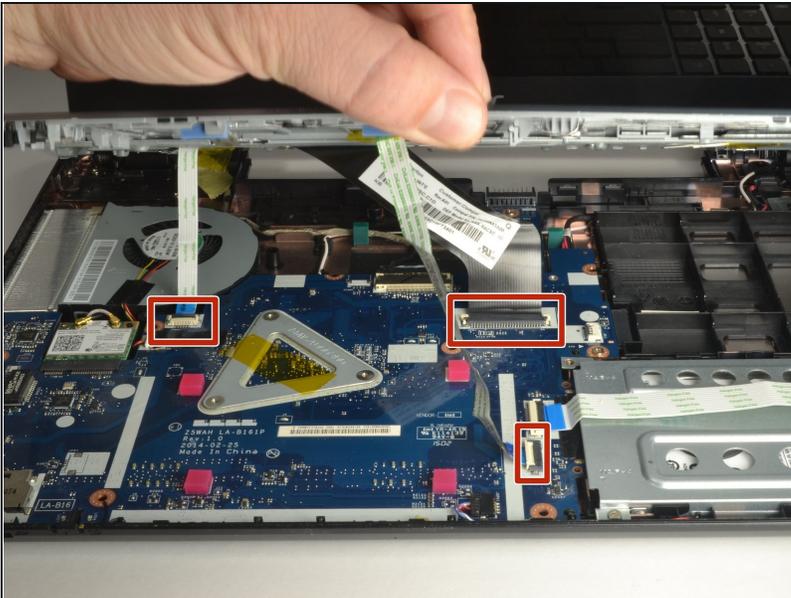
- Put your fingers under the top of the keyboard assembly directly below the Acer logo.
- Carefully pull up on the center until you hear the tabs disengage from the bottom.

## Step 8



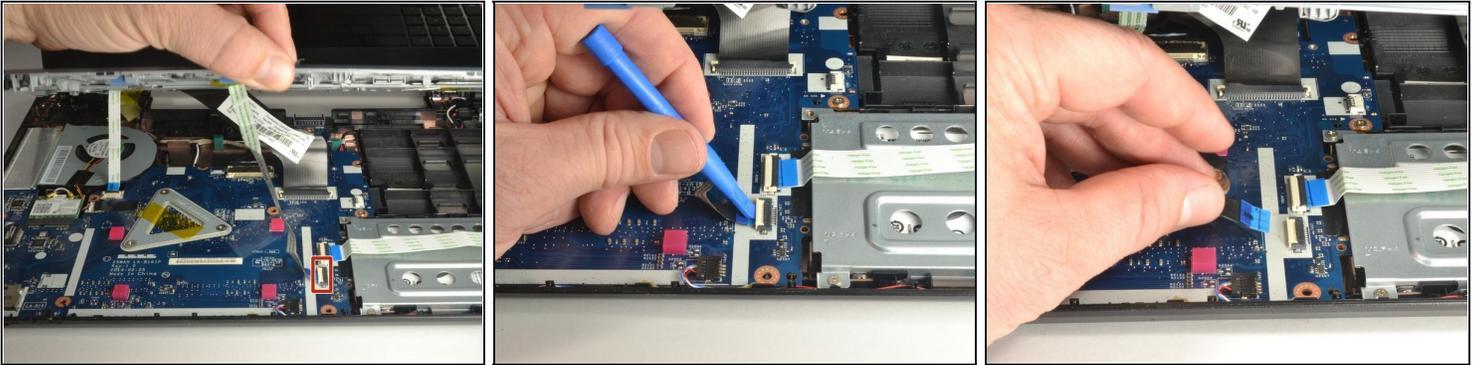
- Work your way around the seam with the plastic opening tool carefully prying the base and top cover apart.
- ① If you have difficulty with the plastic opening tool, use a metal spudger **but be more cautious** to not damage or mar your laptop case.

## Step 9



- When the two halves are separated, carefully lift up the front of the keyboard and touchpad assembly.
- You will see three ribbon cables attached to the motherboard.

## Step 10



- Closest to the ribbon cable on the zero insertion force (ZIF) connector is a **white** locking tab.
- Carefully lift up on the locking tab with the plastic opening tool to release the ribbon cable. (Picture 2)
- Remove the ribbon cable from the connector.

## Step 11



- Closest to the ribbon cable on the ZIF connector is a **black** locking tab.
- Carefully lift up on the locking tab with the plastic opening tool to release the ribbon cable. (Picture 2)
- Remove the ribbon cable from the connector.

## Step 12



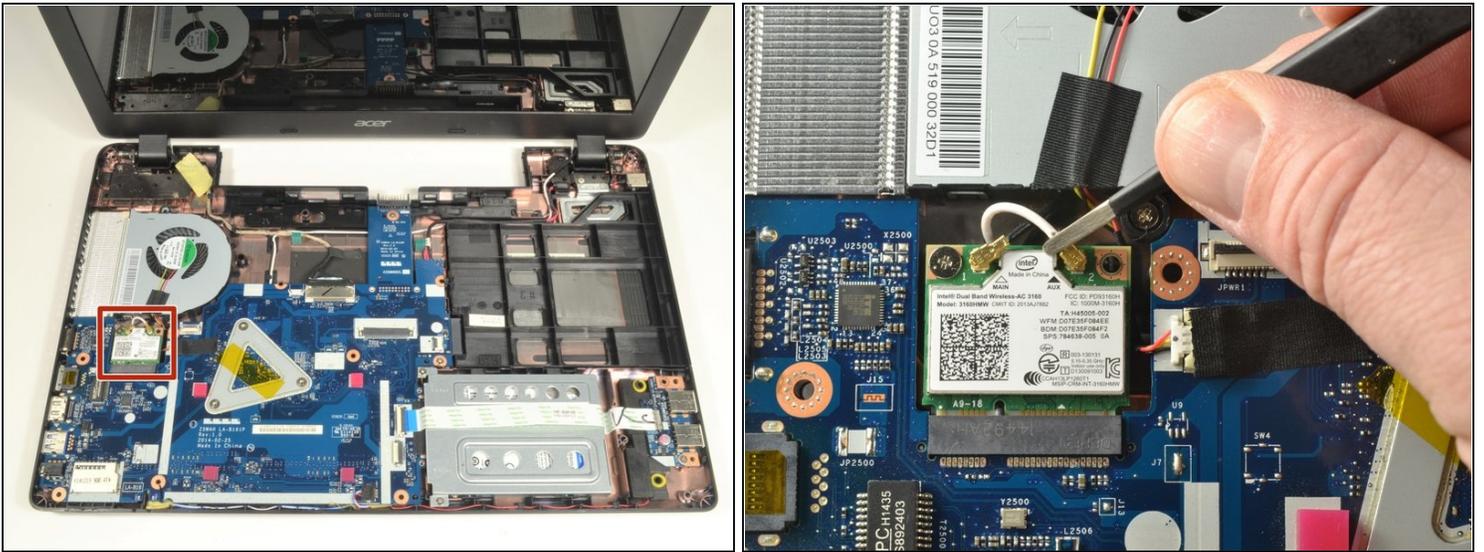
- On each side of the large connector there are two white tabs.
- Carefully push away from you with the plastic opening tool on each white tab to release the cable. (Picture 2)
- Remove the ribbon cable from the connector.

## Step 13



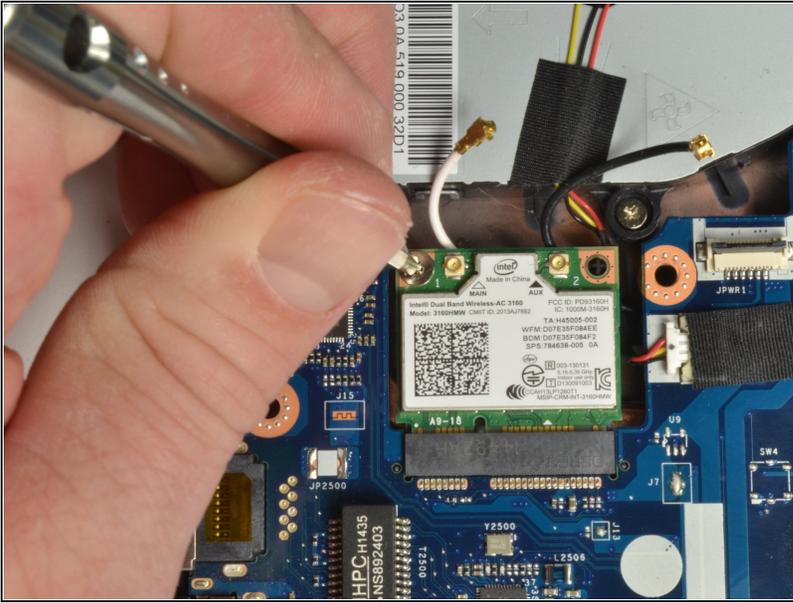
- Once all three ribbon cables are disconnected, lift off the top cover with the keyboard and touchpad.

## Step 14 — WiFi Card



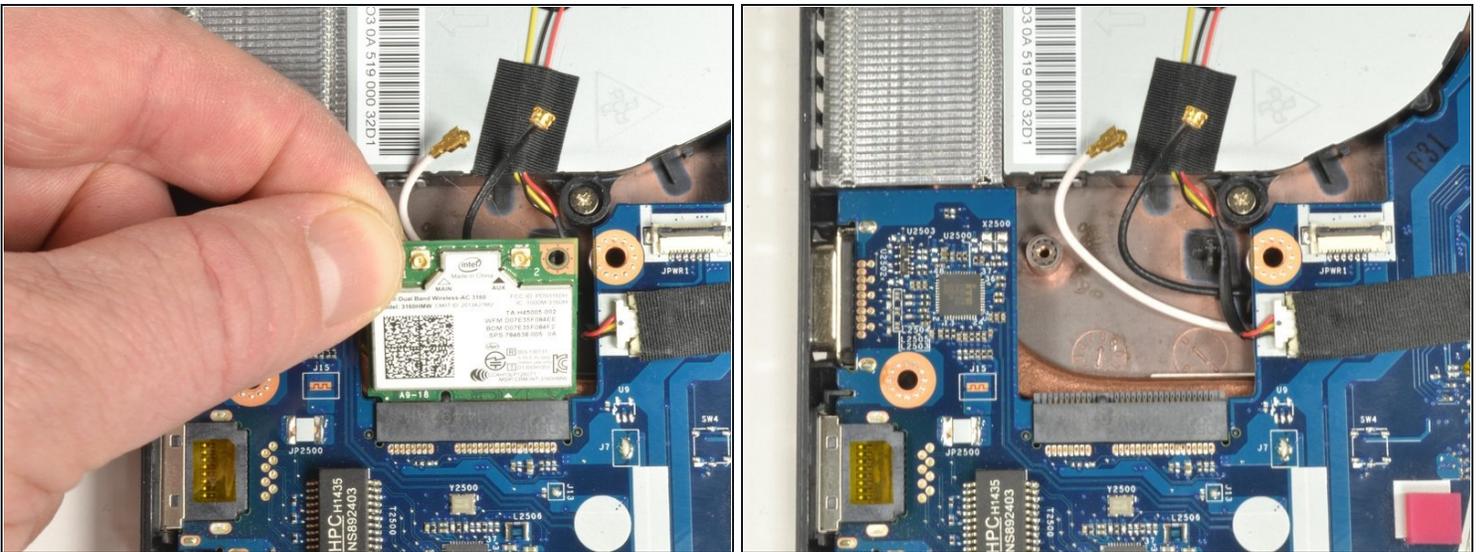
- Locate the WiFi card. It is just below the fan and has a white coaxial cable and a black coaxial cable attached to it.
- Grab the section of the white coaxial cable behind the brass connection using ESD safe blunt nose metal [tweezers](#).
- Carefully lift the white coaxial cable up and forward to disconnect the it from the WiFi card.
- Repeat the previous two bullet points to disconnect the black coaxial cable from the WiFi card.

## Step 15



- Use a #0 Phillips screwdriver to remove the 3 mm screw from the upper left corner of the WiFi card.
- ⓘ The edge of WiFi card will lift up as the screw is removed.

## Step 16



- Grab the upper left corner of the WiFi card with your fingers.
- Gently pull the WiFi card away from the socket.

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