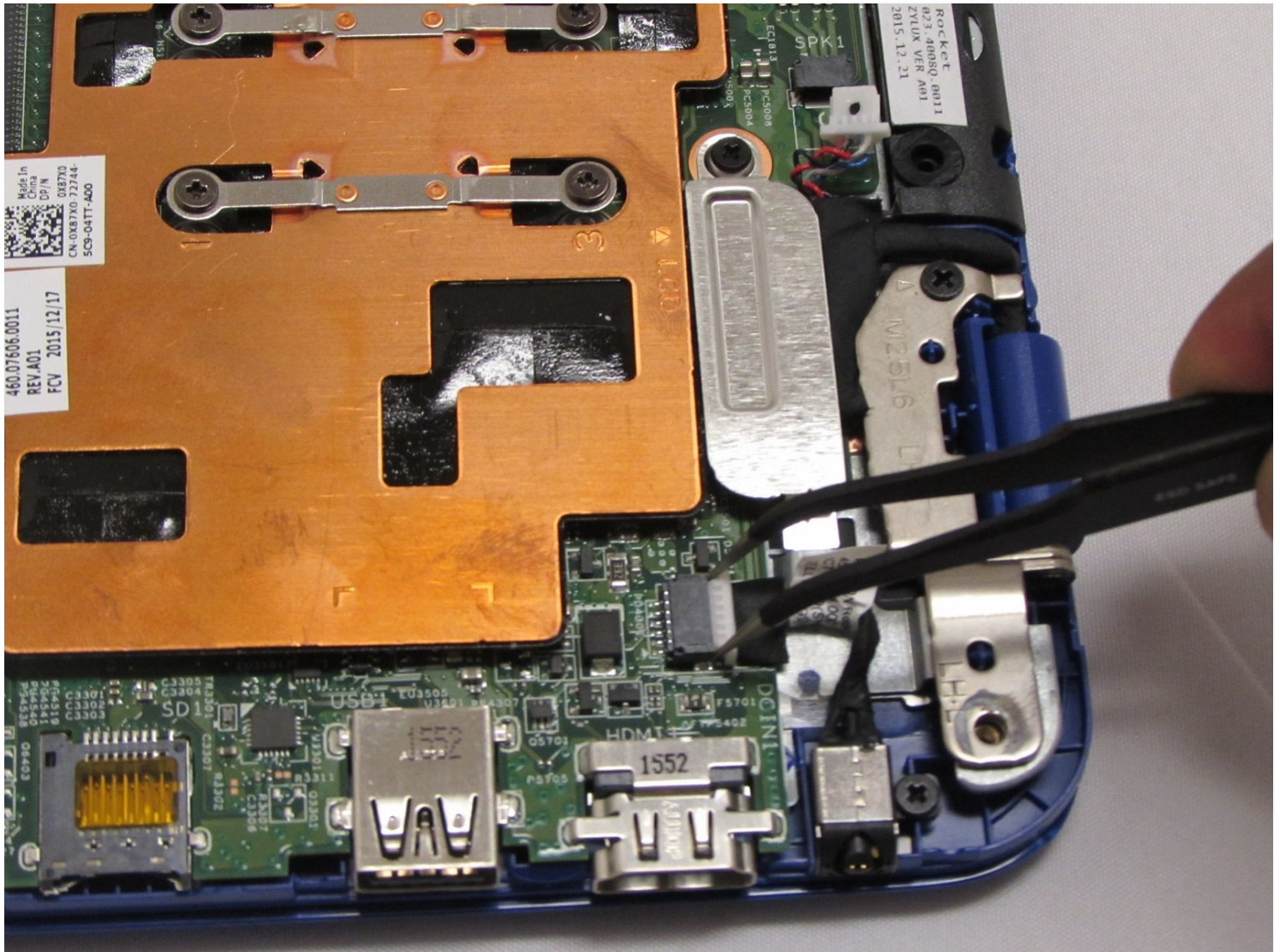




# Dell Inspiron 11-3162 Motherboard Replacement

This will show you how to remove & replace your...

Written By: Dominic DeLong



# INTRODUCTION

This will show you how to remove & replace your motherboard. This would be a last step in attempting to repair your computer if you've attempted the other guides.

## TOOLS:

[Tweezers](#) (1)

[Heavy-Duty Spudger](#) (1)

[Phillips #000 Screwdriver](#) (1)

[Phillips #00 Screwdriver](#) (1)

## Step 1 — Back Cover Removal



- ① Before you begin, be sure to turn off your laptop and unplug it from the outlet.
- Use [tweezers](#) to pry and remove the center screw cover on the back cover.



## Step 2



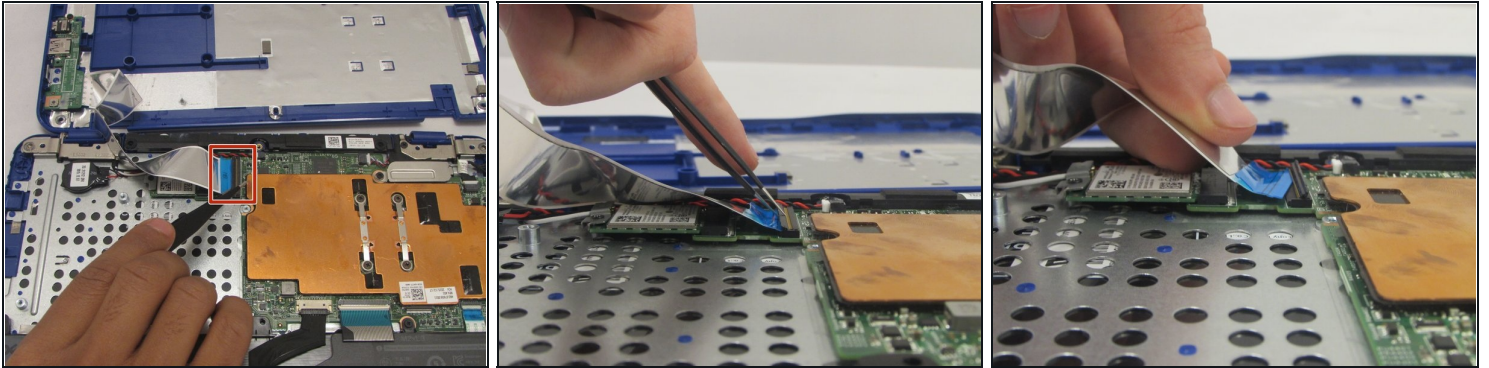
- Use a Phillips screwdriver to unscrew the nine 6.8 mm screws securing the back cover.

## Step 3



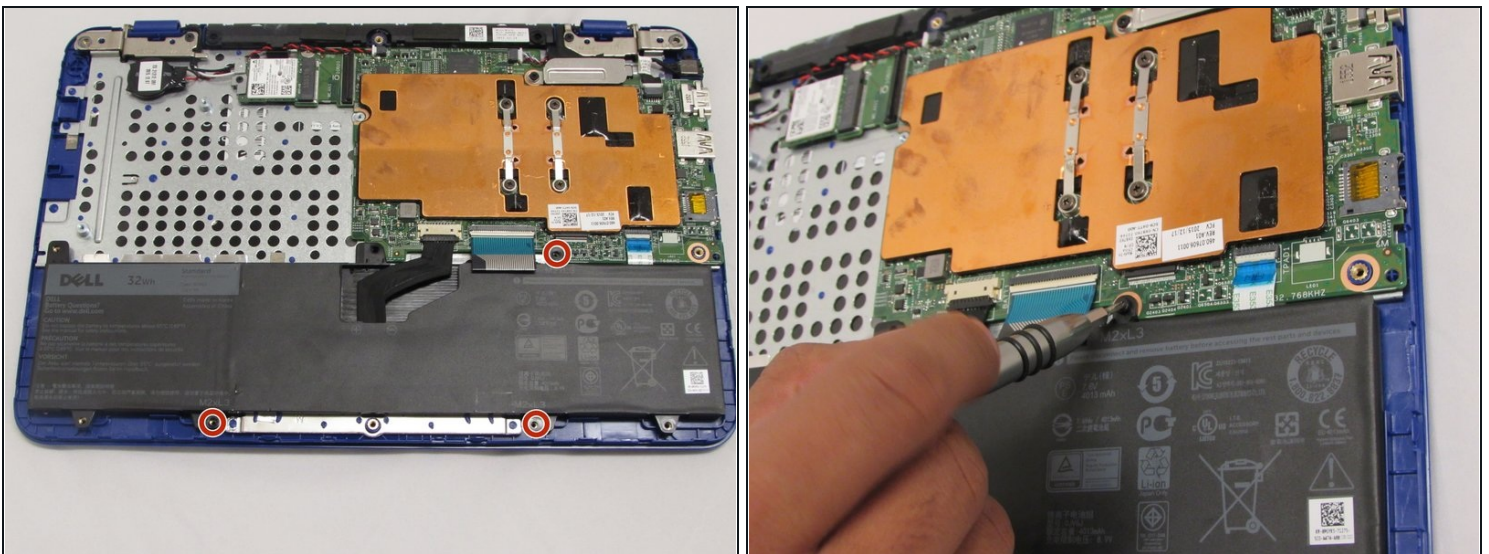
- Use a spudger to pry around the base edges of the back cover to loosen it from the laptop.  
⚠ Do not fully remove the cover, as it is still attached to the laptop with cables.

## Step 4



- ① If you are only replacing the battery, you can skip this step. Be careful not to strain the still-connected cable as you work.
- Unlock the wide ZIF connector securing the flex cable.
  - ① To unlock a [ZIF connector](#), use the tip of a spudger or your fingernail to flip up the small, hinged locking flap.
- Pull the ribbon cable outwards to disconnect the back cover from the motherboard.

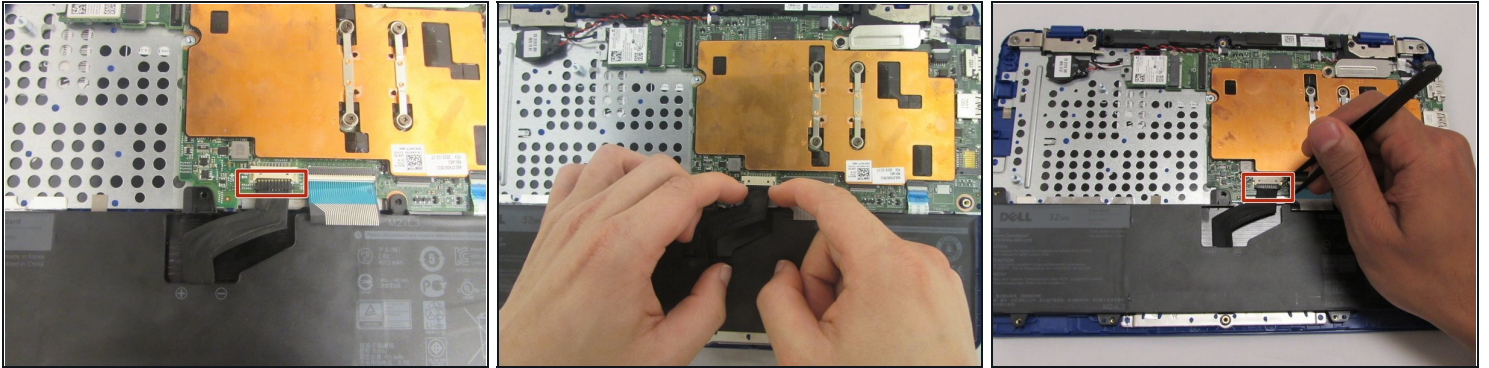
## Step 5 — Battery



- Use a Phillips screwdriver to unscrew the three 4 mm screws securing the battery.

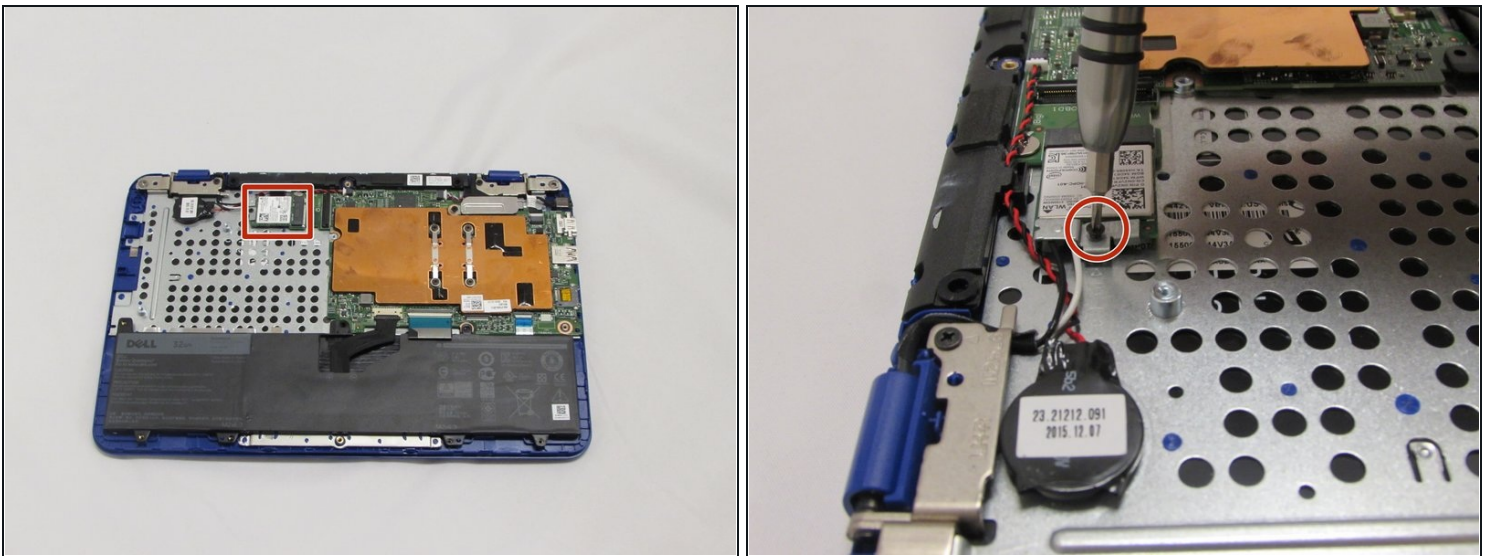


## Step 6



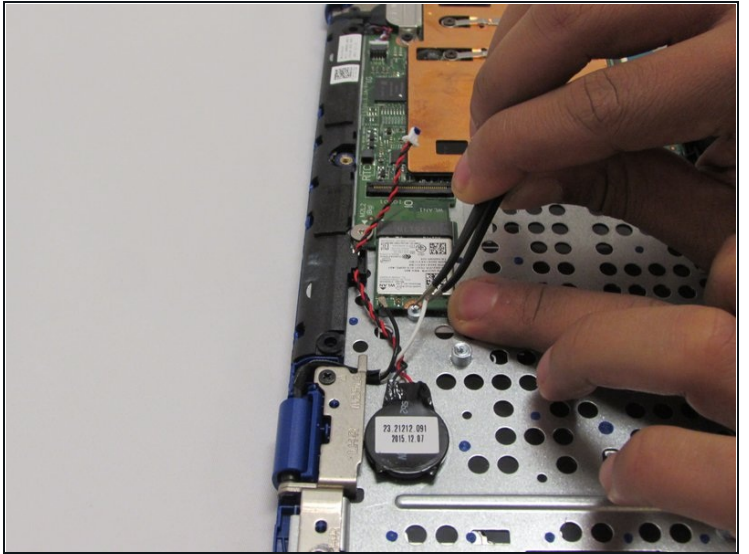
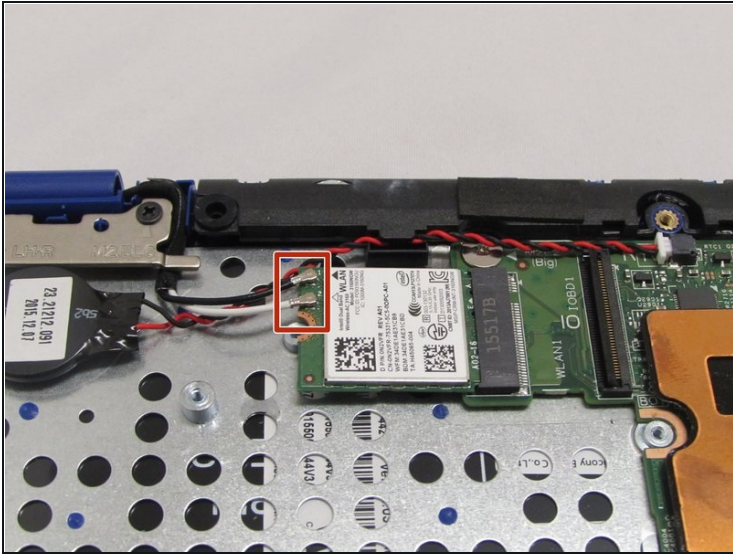
- Use your fingers (or a set of [tweezers](#)) to disconnect the battery cable from the motherboard by gently pulling it towards the battery.  
⚠ Pull parallel to the battery, not straight up.
- Lift and remove the battery from its recess.

## Step 7 — Wireless WLAN Card



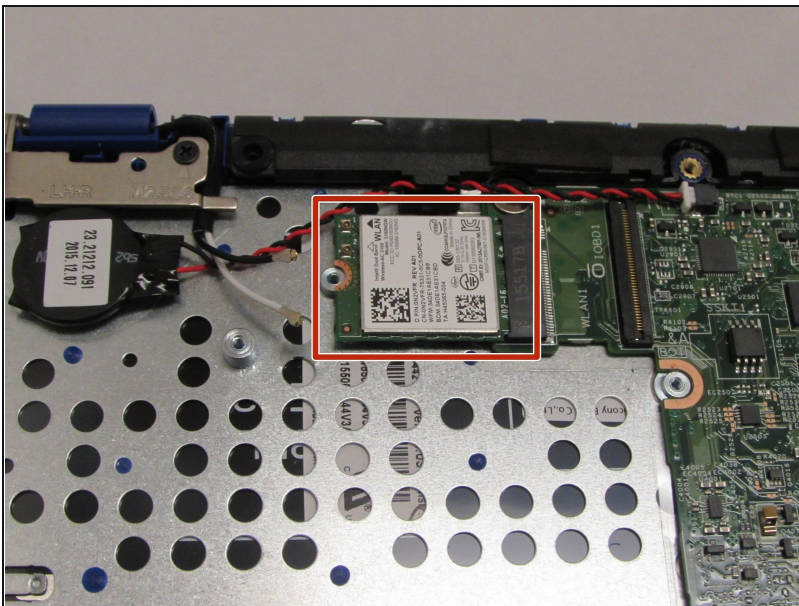
- Use the phillips screwdriver with the PH000 head to unscrew the 3.8mm screw.

## Step 8



- Using the [tweezers](#), pull the white and black wires off of the WiFi Chip.

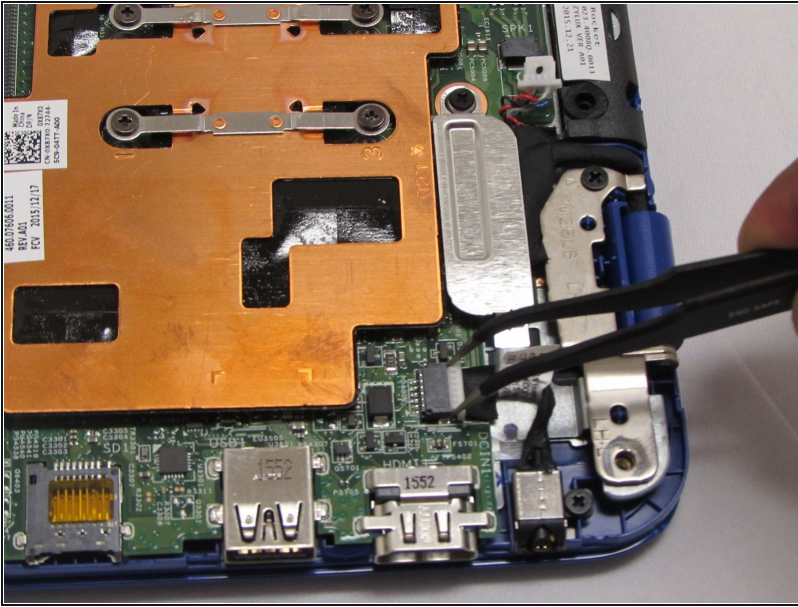
## Step 9



- Pull out the WiFi Chip.

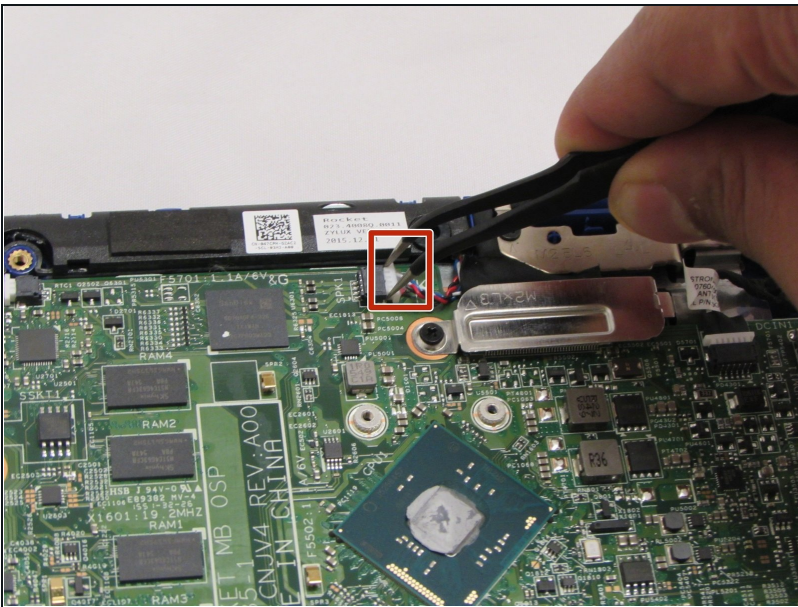


## Step 10 — Motherboard



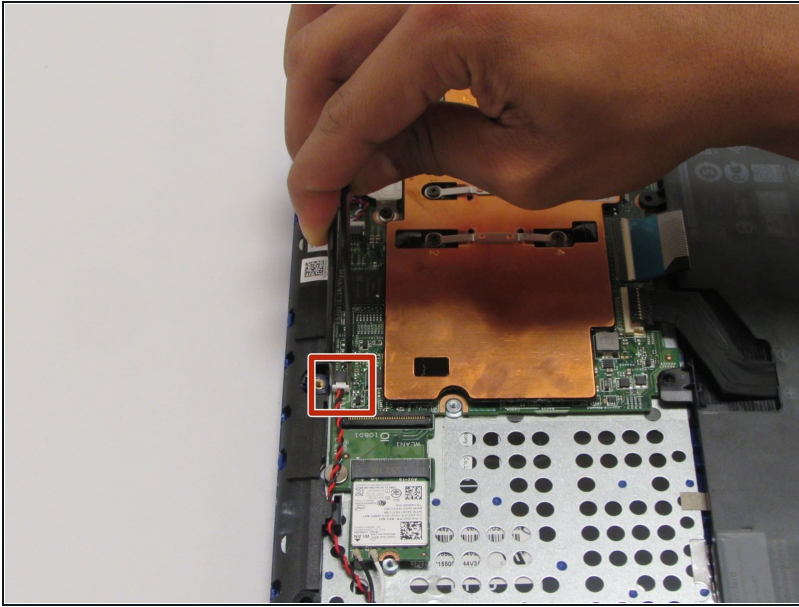
- Use the [tweezers](#) to unplug the DC Jack.

## Step 11



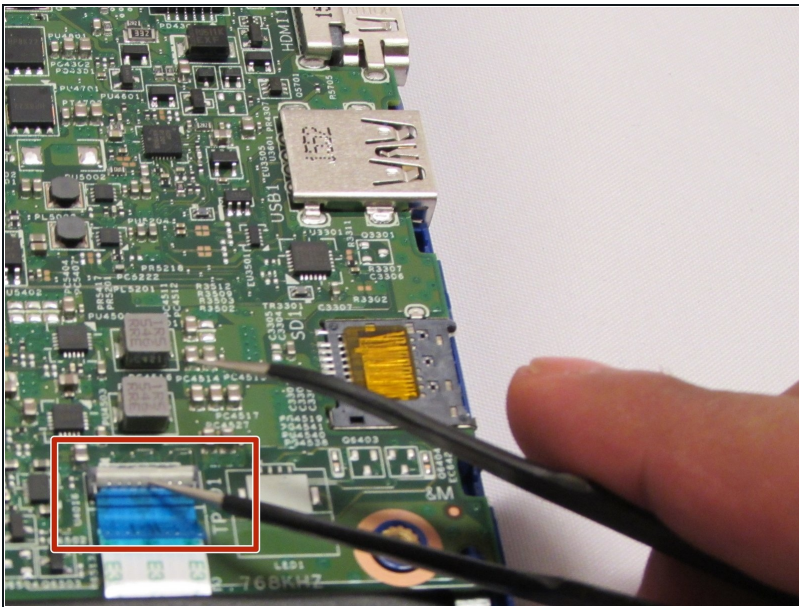
- Use the tweezers unplug the Speaker Cable.

## Step 12



- Use the tweezers to remove the CMOS Cable.

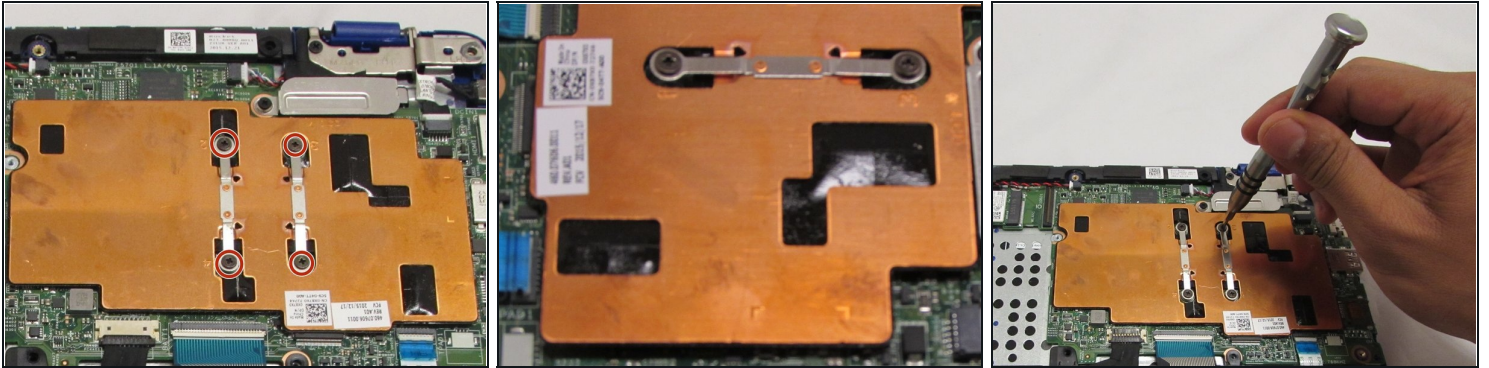
## Step 13



- Use the tweezers to remove the Touchpad Cable.

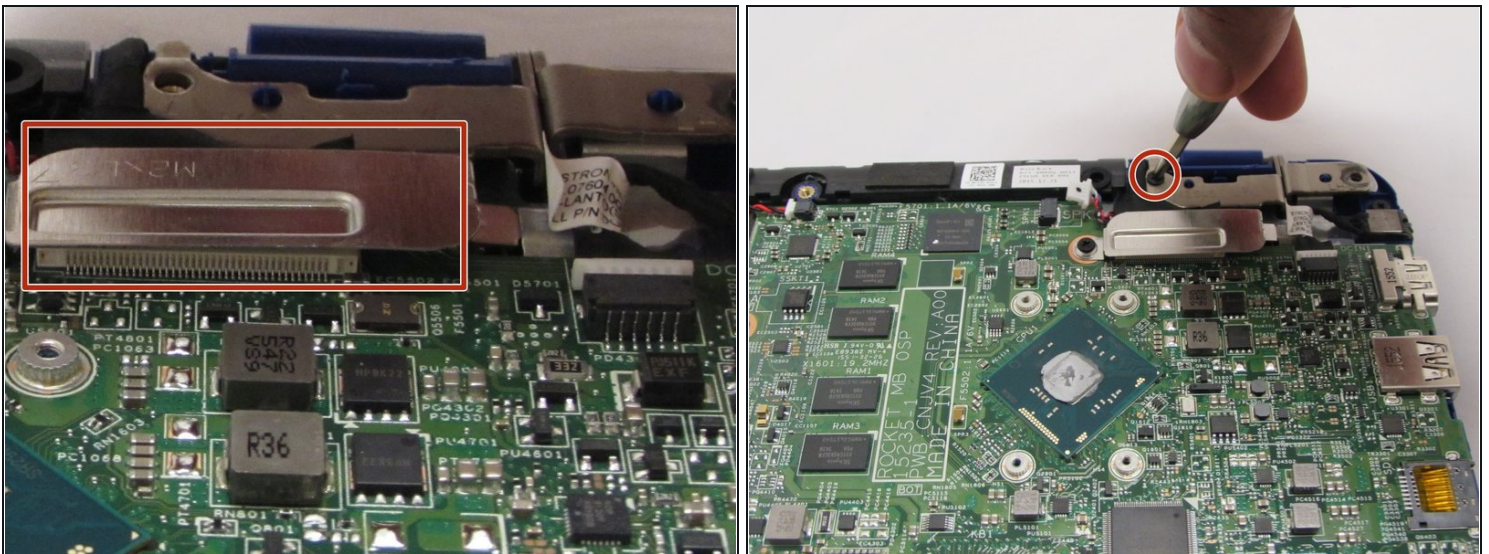


## Step 14



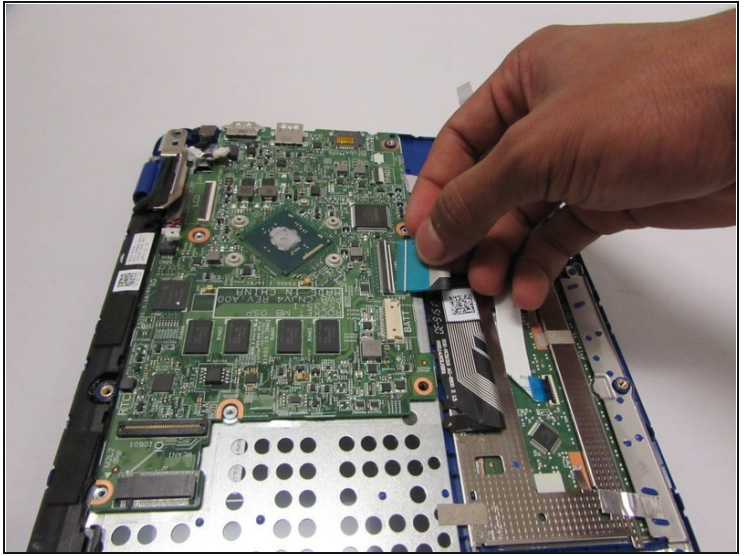
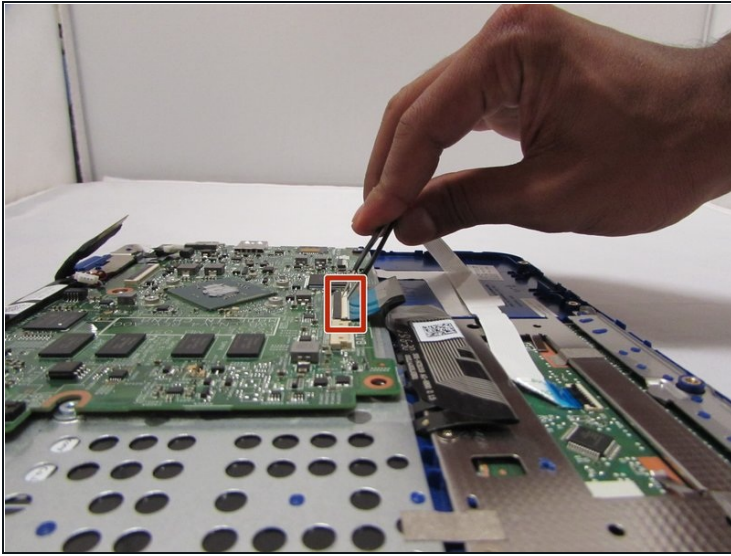
- Use the phillips screwdriver with the PH0 to loosen the 4 screws and remove the orange plate.

## Step 15



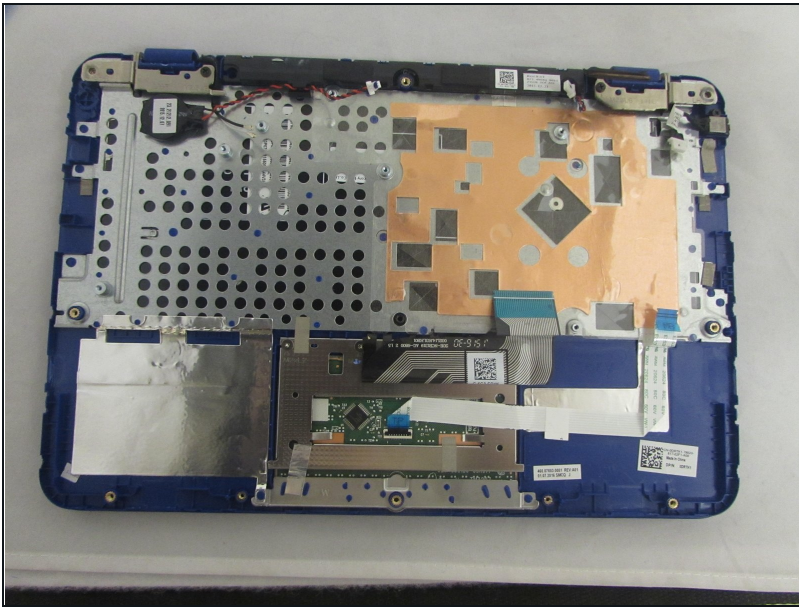
- Use the phillips screwdriver with the PH00 head to unscrew the one 3mm screw. Then, remove the bracket.

## Step 16



- Remove the keyboard cable.

## Step 17



- Remove the motherboard by gently lifting upwards from the edges.

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