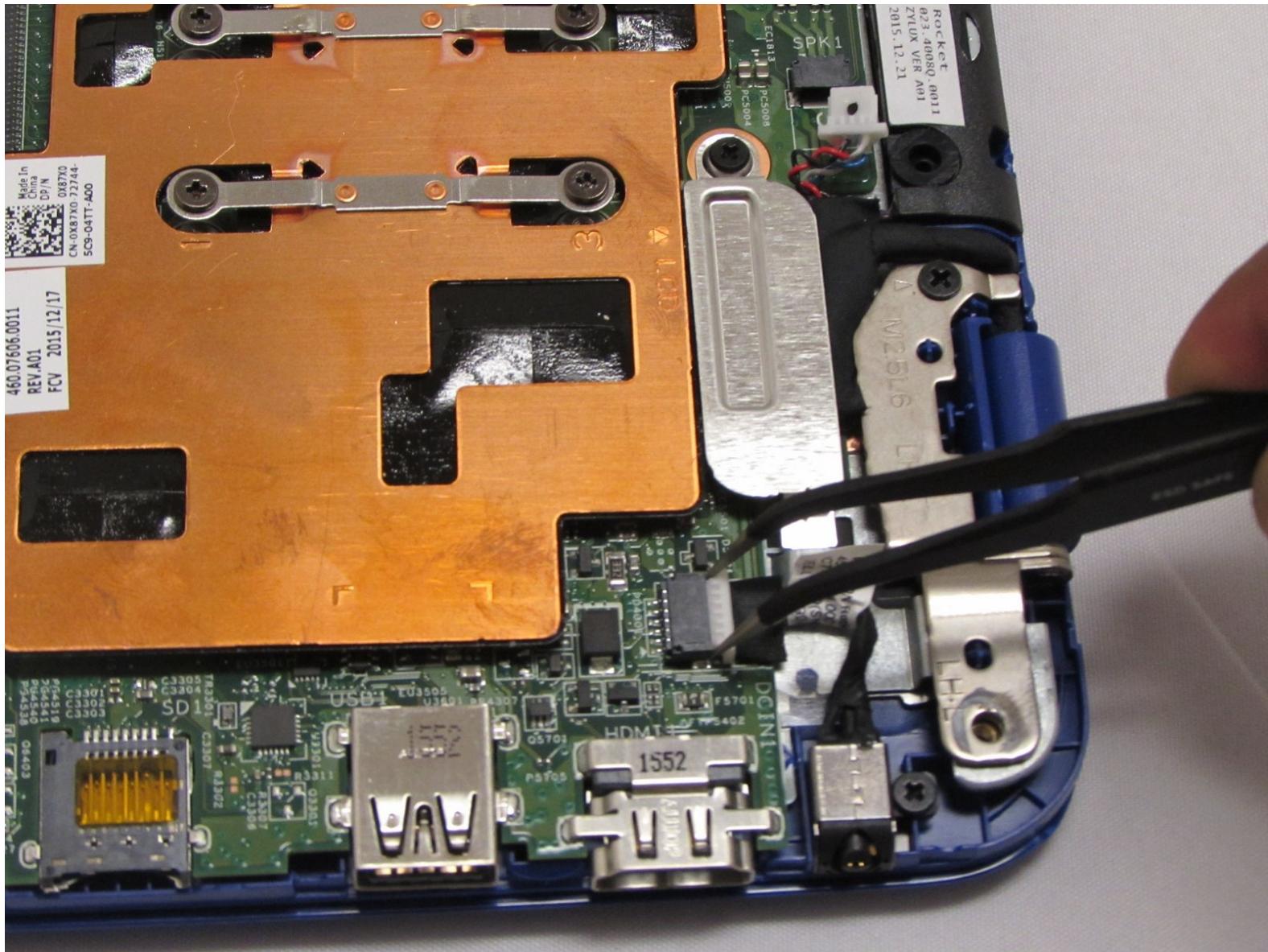




Dell Inspiron 11-3162 Motherboard Replacement

This guide will help you replace your motherboard.

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



- Remove the screw cover by using tweezers.

Step 2



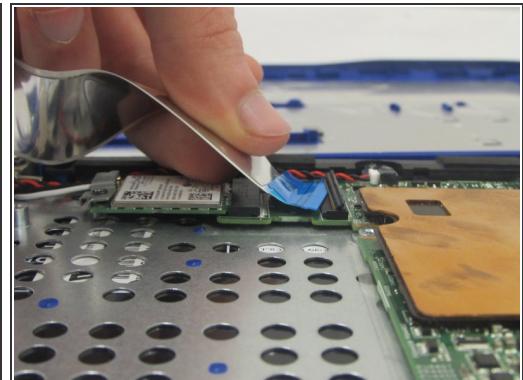
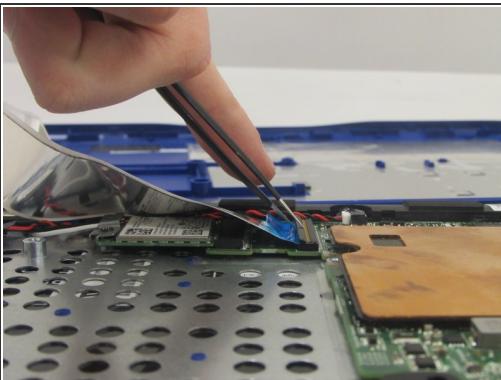
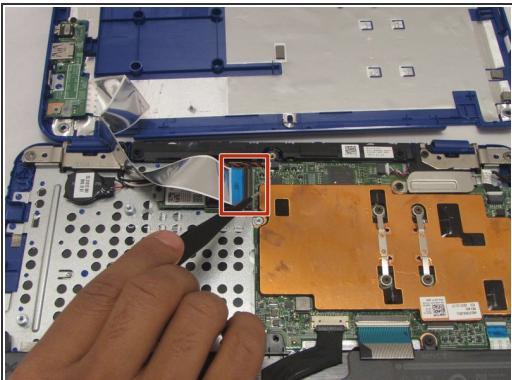
- Using the phillips screw head (PH00), unscrew the 9 6.8mm philip screws.

Step 3



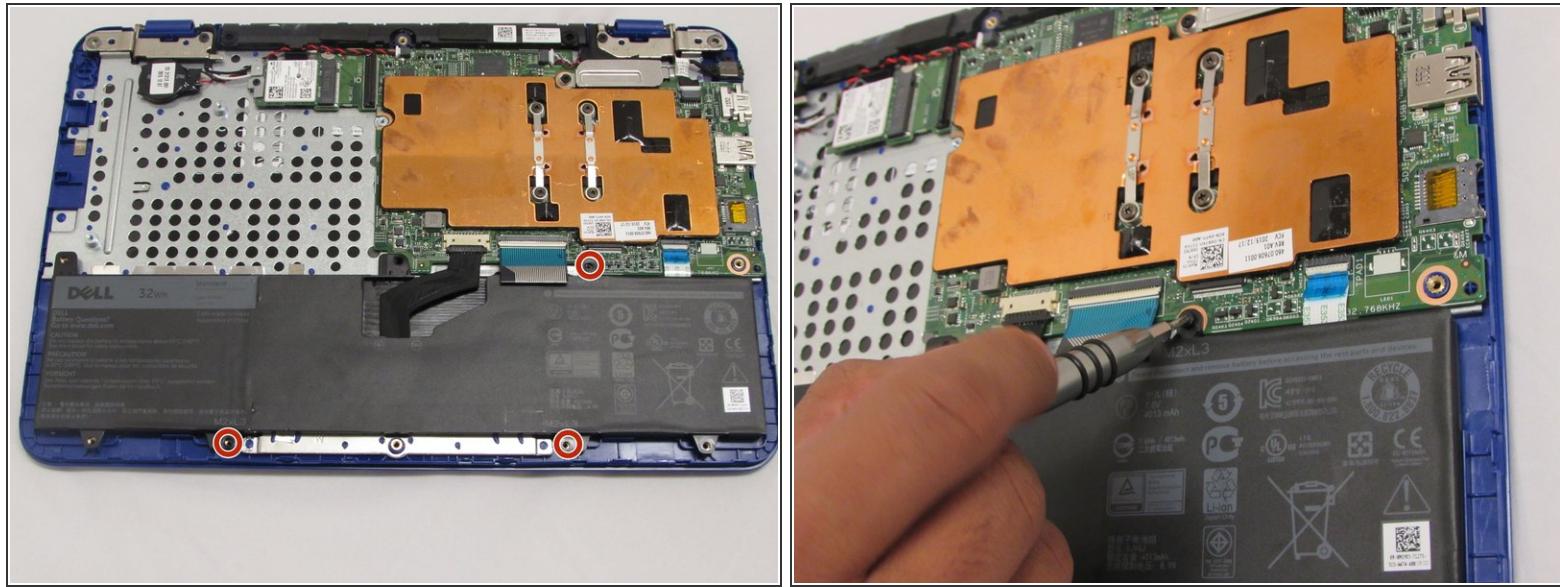
- Use the regular black nylon spudger tool to pry around the base edges of the back cover and remove it.

Step 4



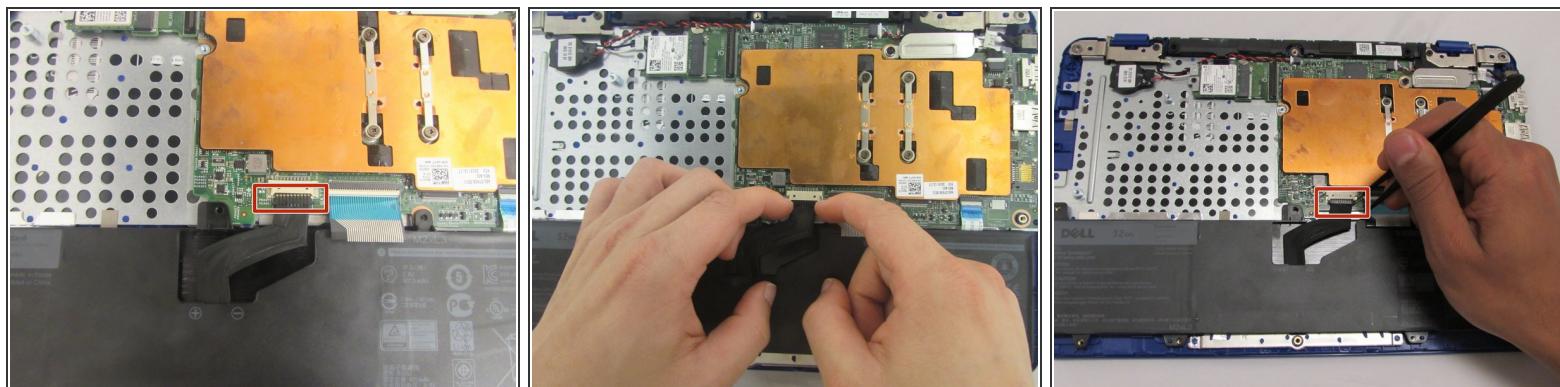
- Gently pull upwards on the latch with tweezers
- When you've flipped the latch open, pull the ribbon cable outwards to disconnect the back cover from the motherboard.

Step 5 — Battery



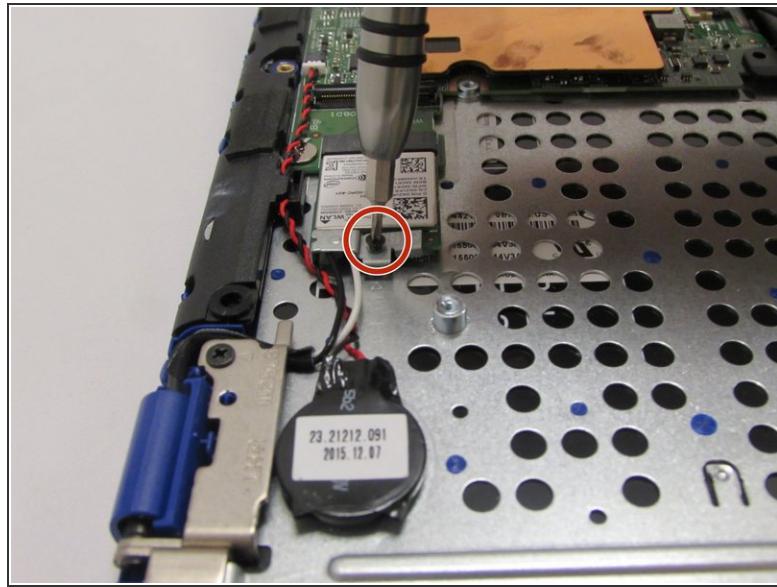
- Using the phillips head (PH0) screwdriver, unscrew the 3 4mm screws.

Step 6



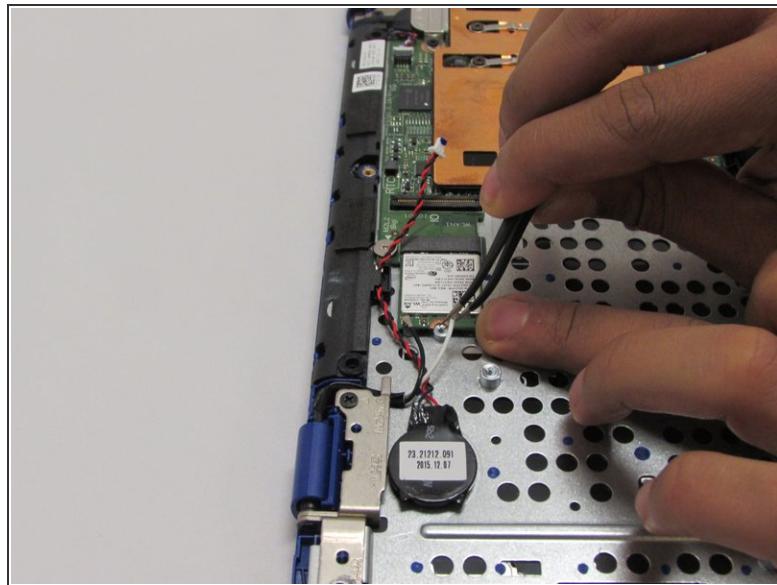
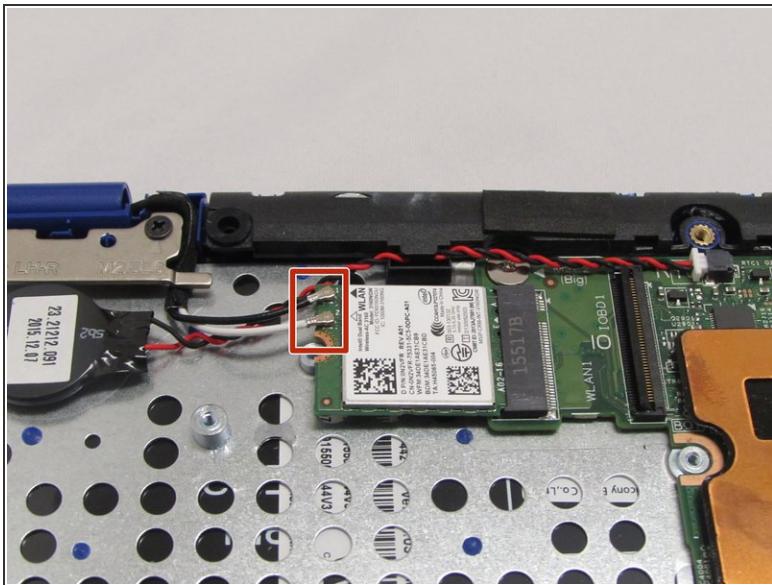
- Use your fingers (or a set of tweezers) to remove the battery cable, pulling gently from the sides of the connector.

Step 7 — Wireless WLAN Card



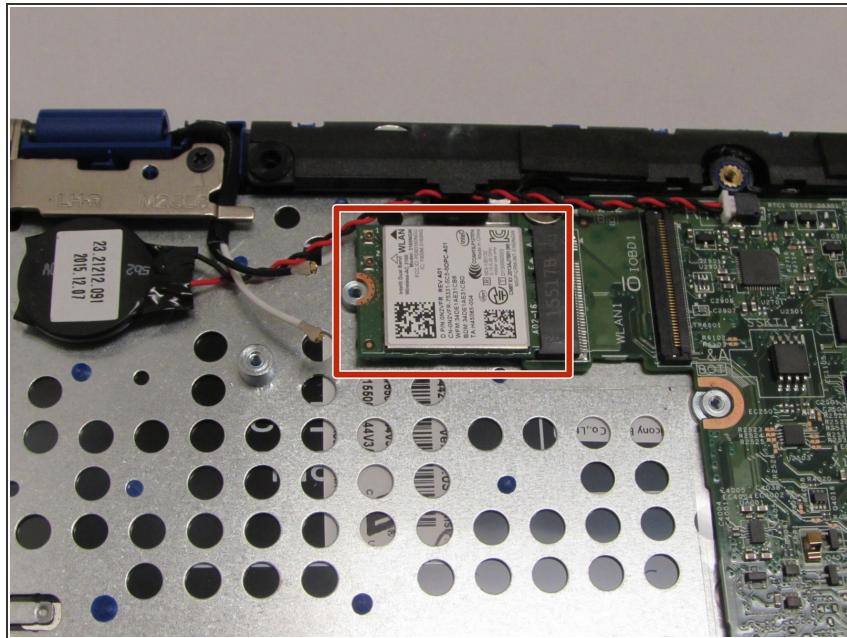
- Use the phillips screwdriver with the PH000 head to unscrew the 3.8mm screw.

Step 8



- Using the tweezers, pull the white and black wires off of the WiFi Chip.

Step 9



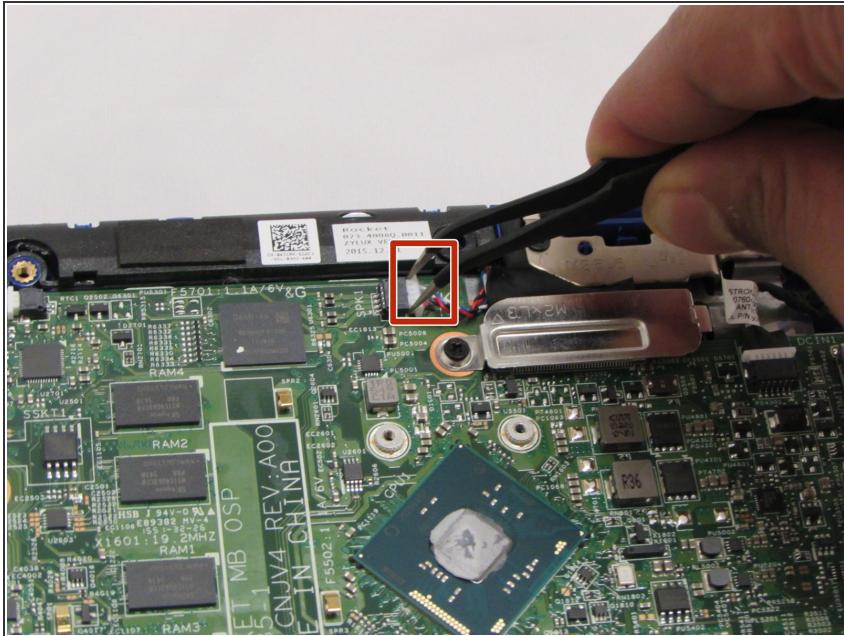
- Pull out the WiFi Chip.

Step 10 — Motherboard



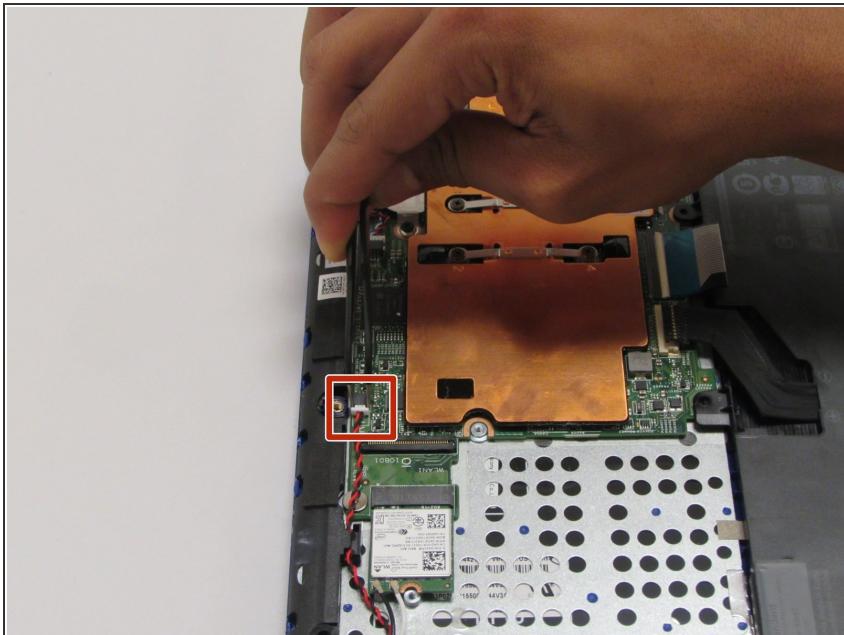
- Use the tweezers to unplug the DC Jack.

Step 11



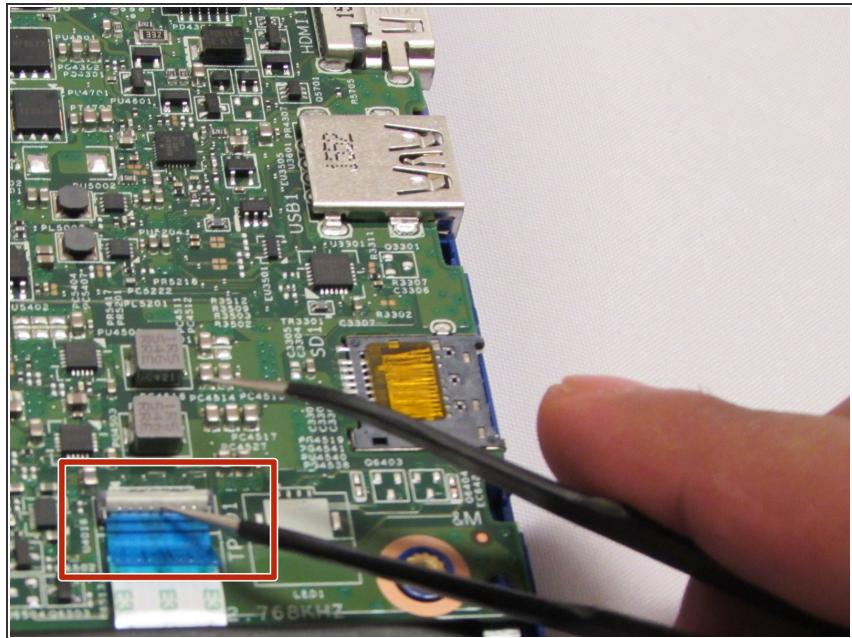
- Use the tweezers unplug the Speaker Cable.

Step 12



- Use the tweezers to remove the CMOS Cable.

Step 13



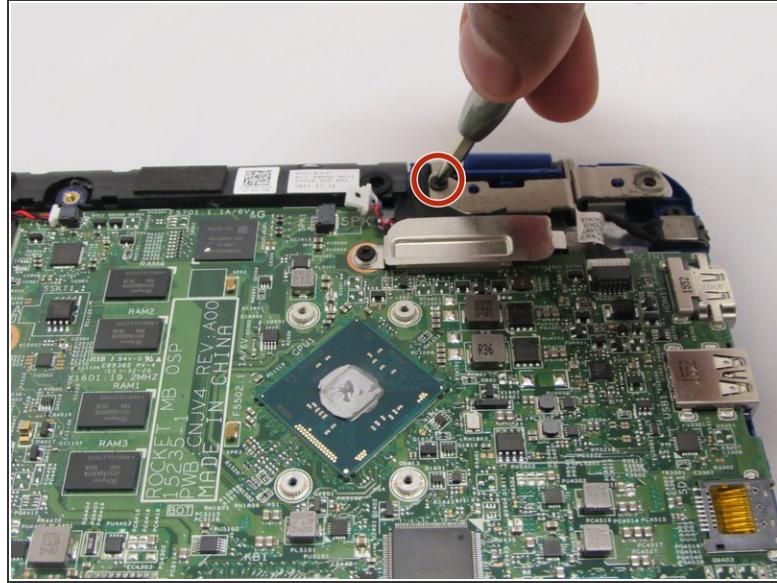
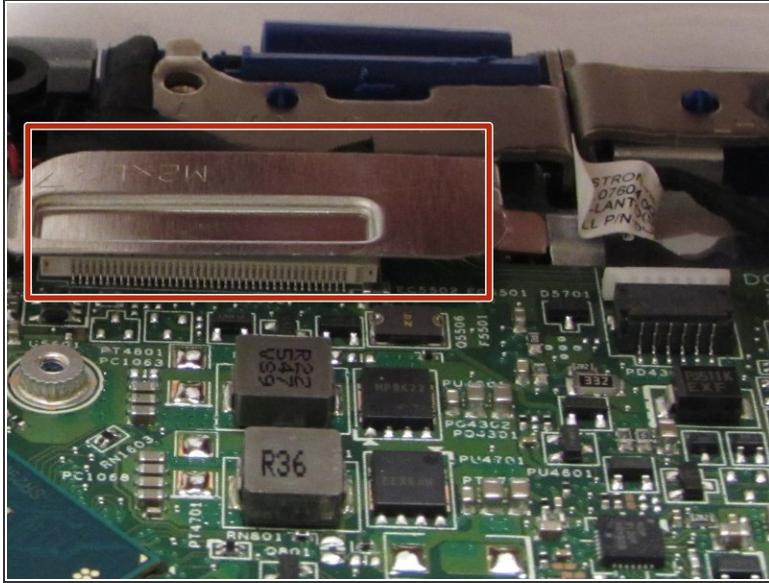
- Use the tweezers to remove the Touchpad Cable.

Step 14



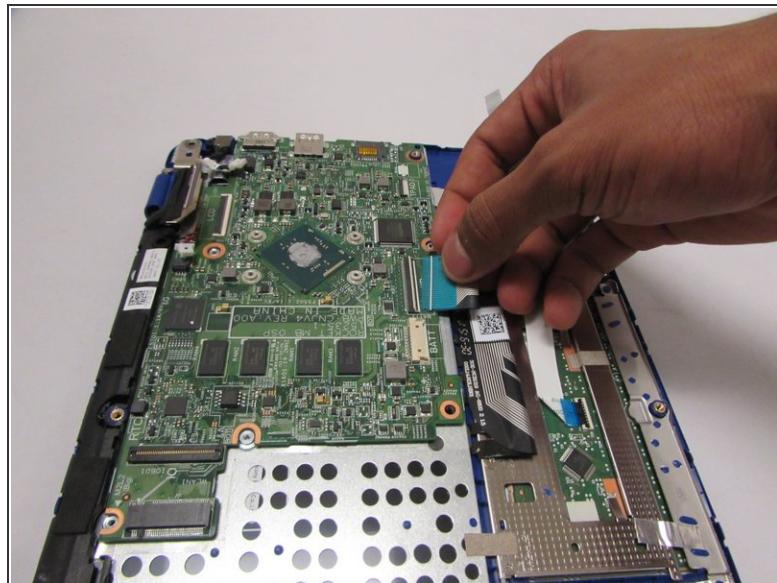
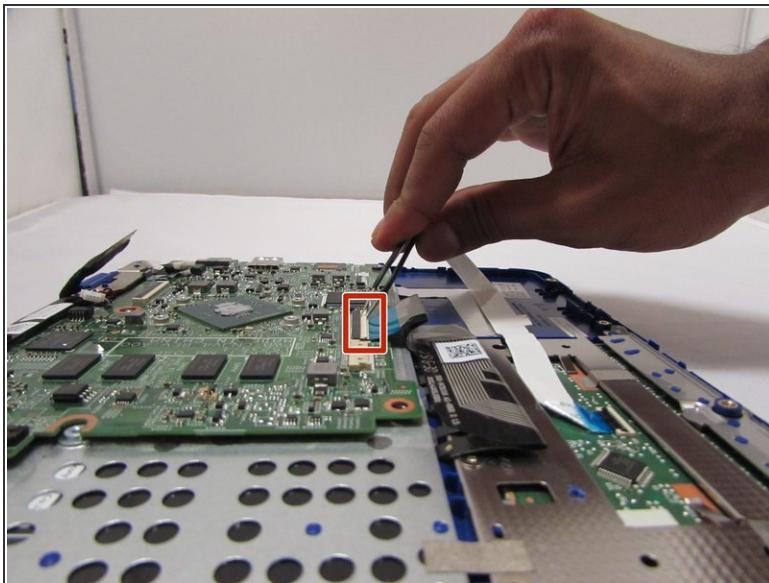
- Use the phillips screwdriver with the PH0 to loosen the 4 screws and remove the orange plate.

Step 15



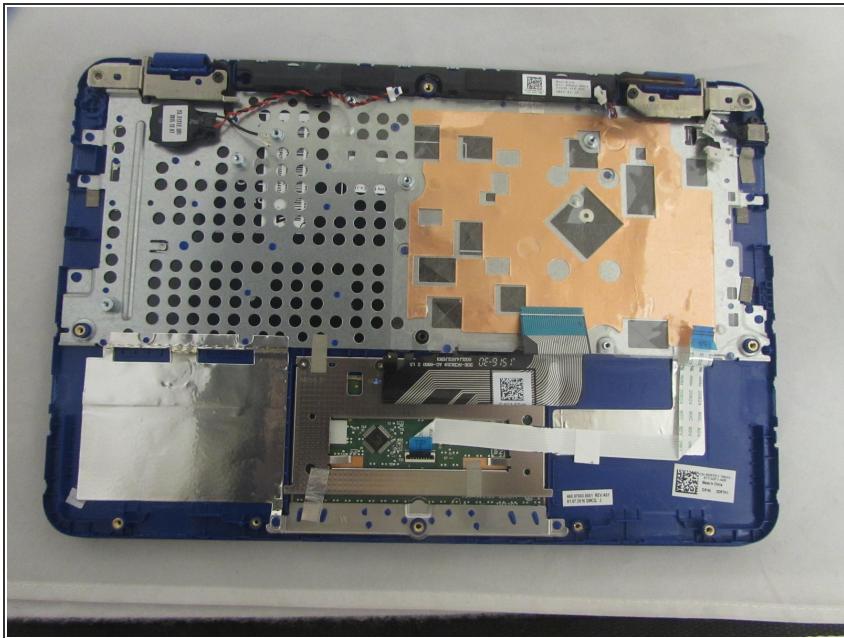
- Use the phillips screwdriver with the PH00 head to unscrew the one 3mm screw. Then, remove the bracket.

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.