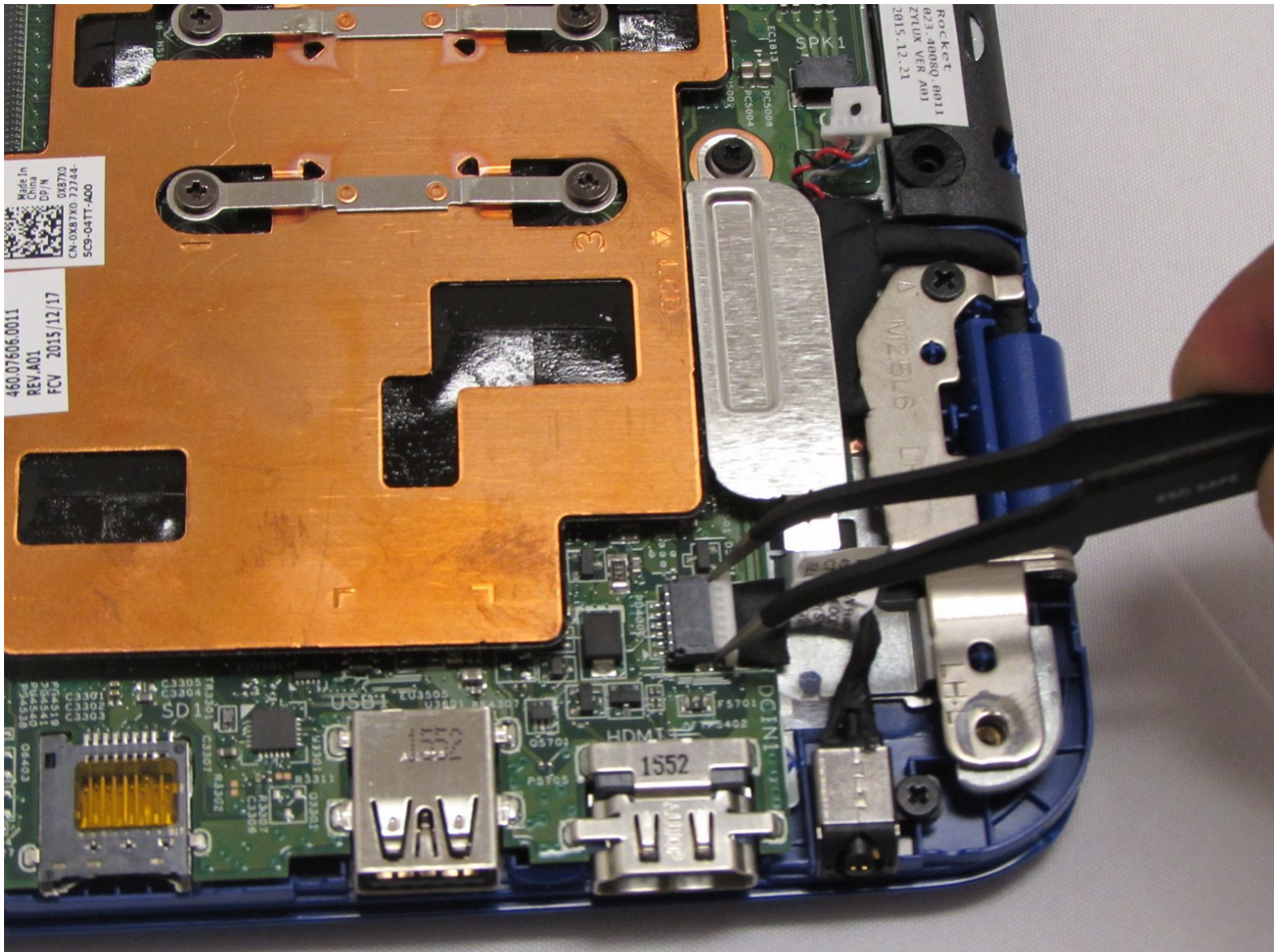




# Dell Inspiron 11-3162 Motherboard Replacement

This guide will help you replace your motherboard.

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## 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.

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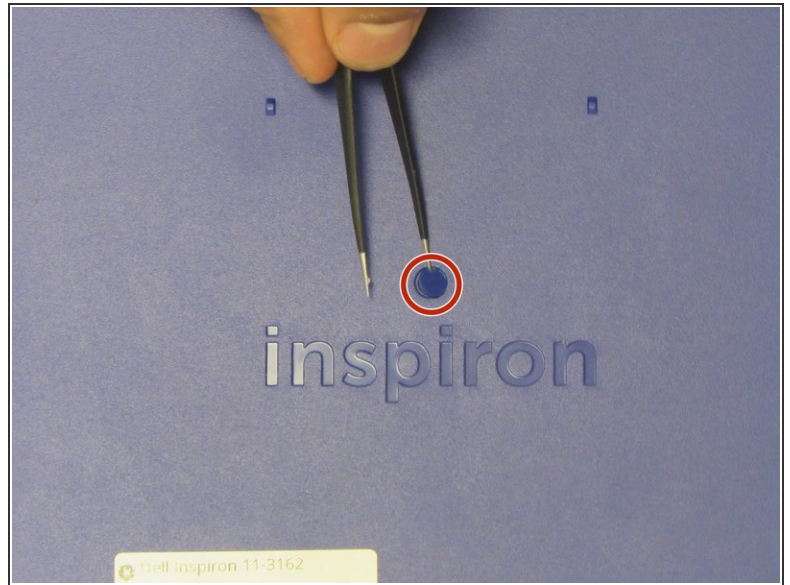


### TOOLS:

- [Tweezers](#) (1)
  - [Heavy-Duty Spudger](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Back Cover Removal



- Remove the screw cover by using tweezers.

## Step 2



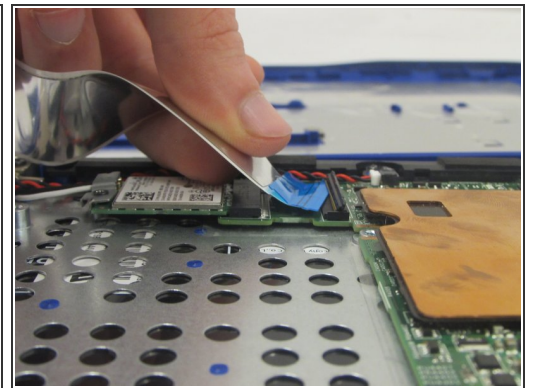
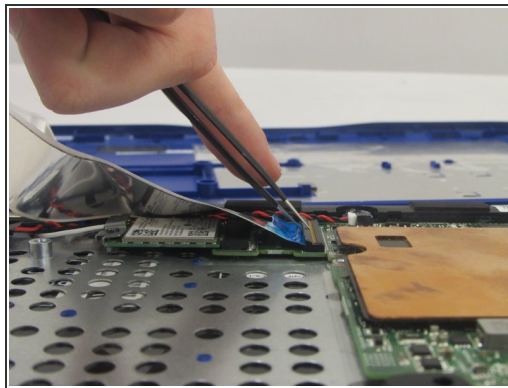
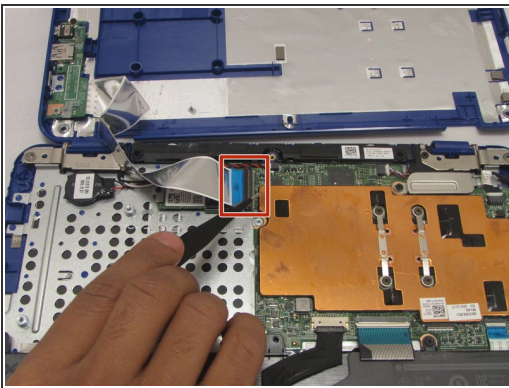
- Using the Phillips screw head (PH00), unscrew the 9 6.8mm Phillips screws.

### Step 3



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

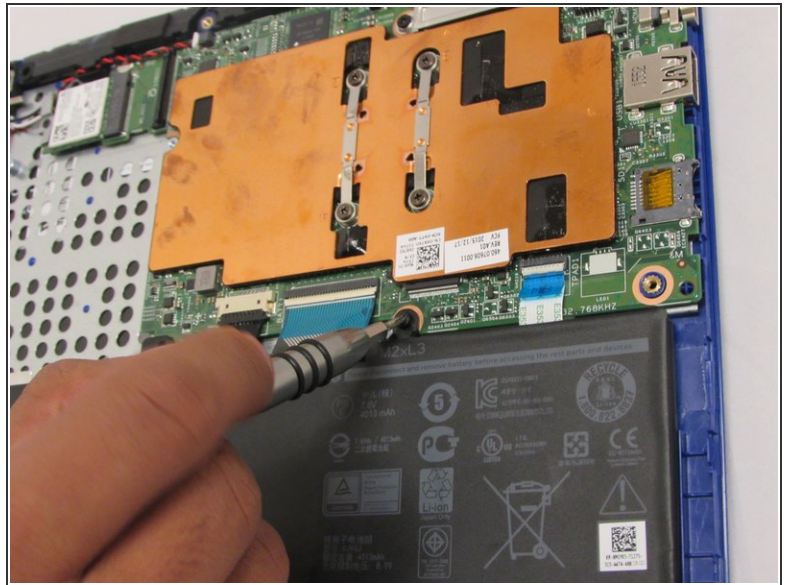
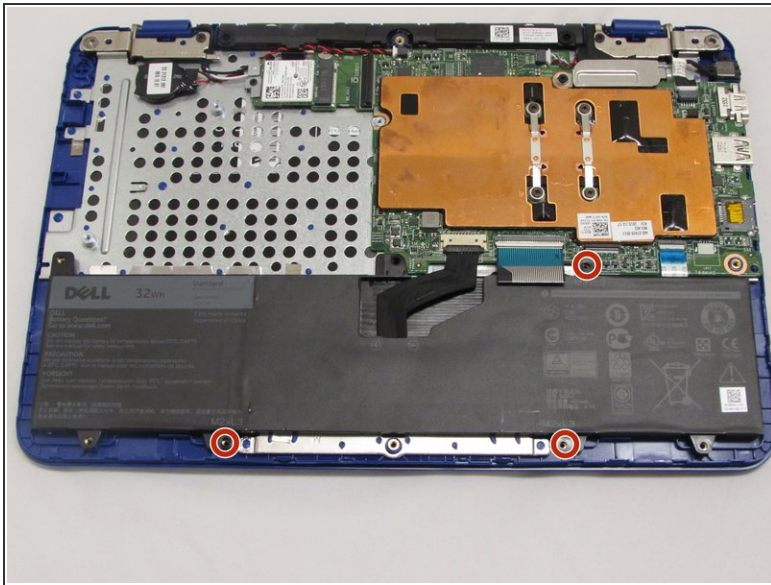
### Step 4



- 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.

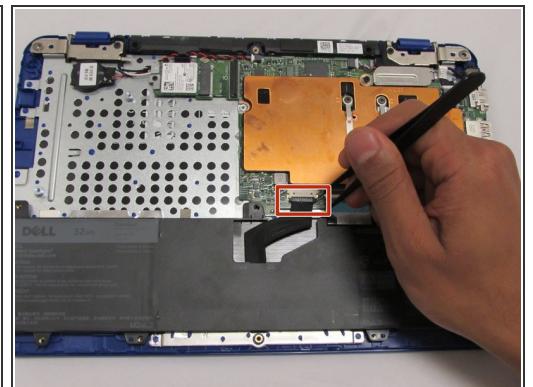
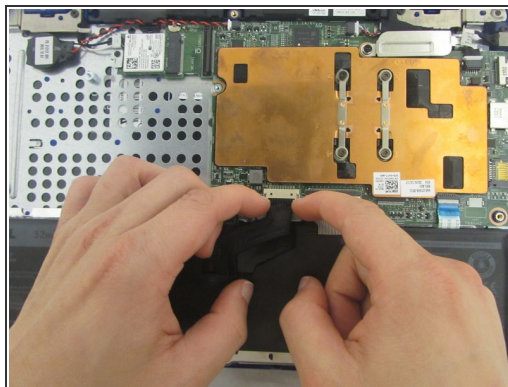
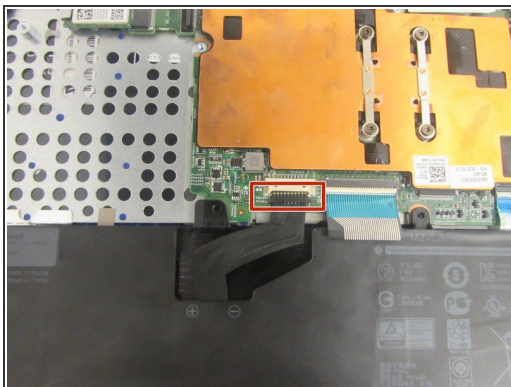


## Step 5 — Battery



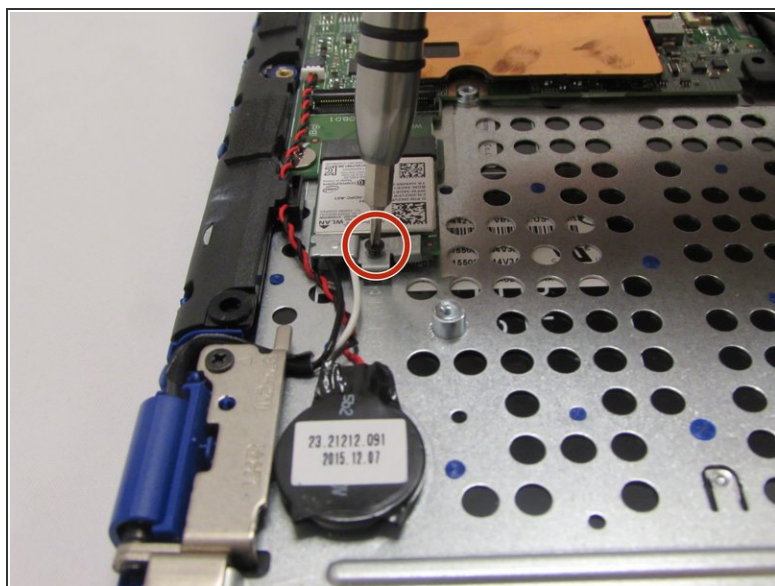
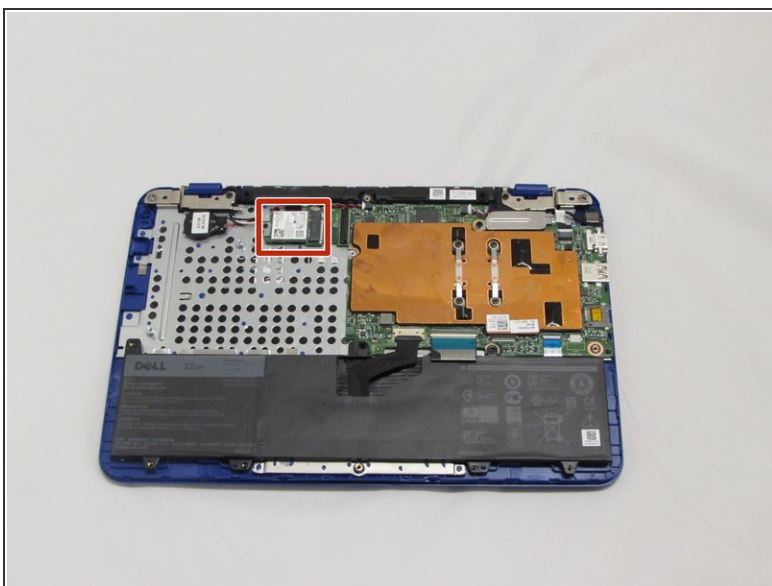
- Using the phillips head (PH0) screwdriver, unscrew the 3 4mm screws.

## Step 6



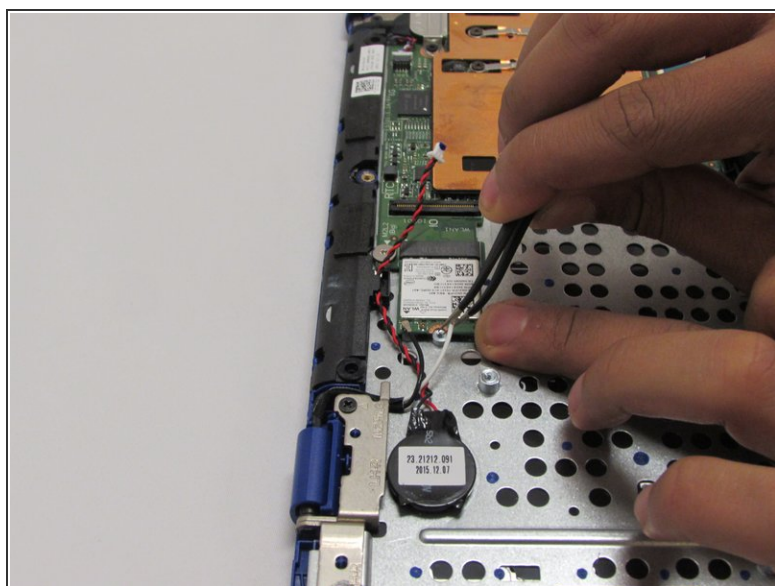
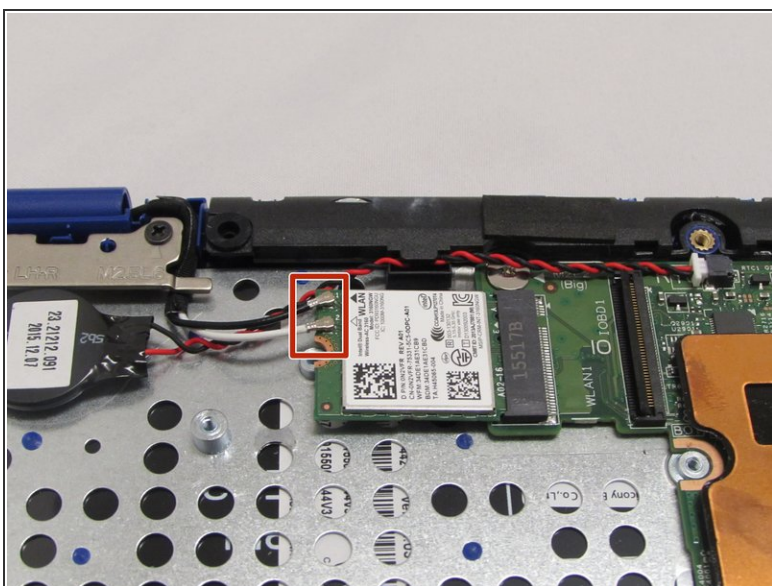
- Use your fingers (or a set of tweezers) to remove the battery cable, pulling gently from the sides of the connector.

## Step 7 — Wireless WLAN Card



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

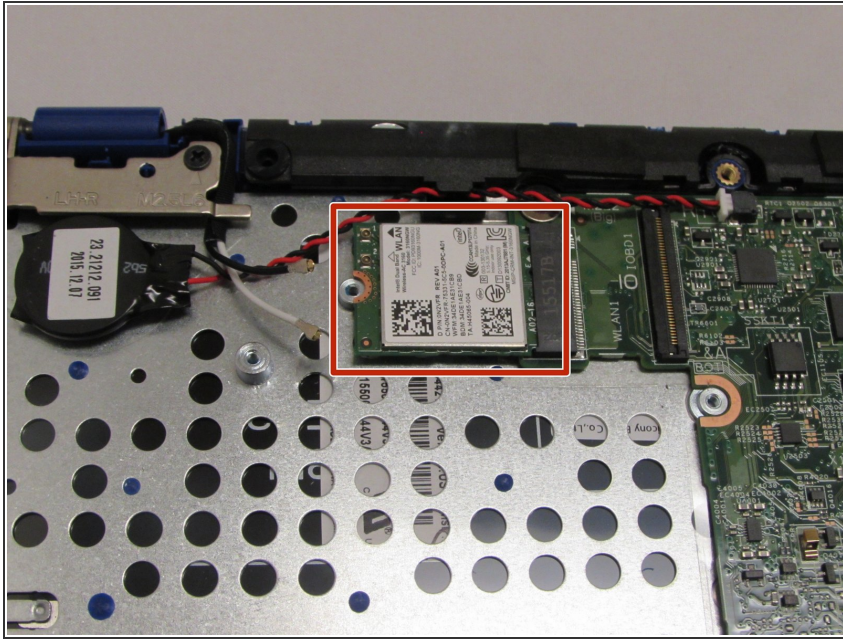
## Step 8



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

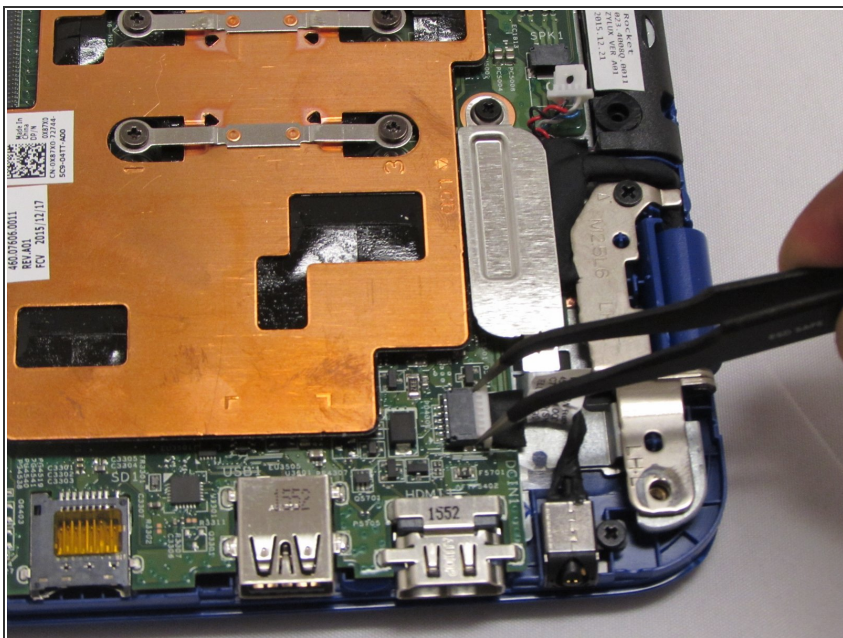


## Step 9



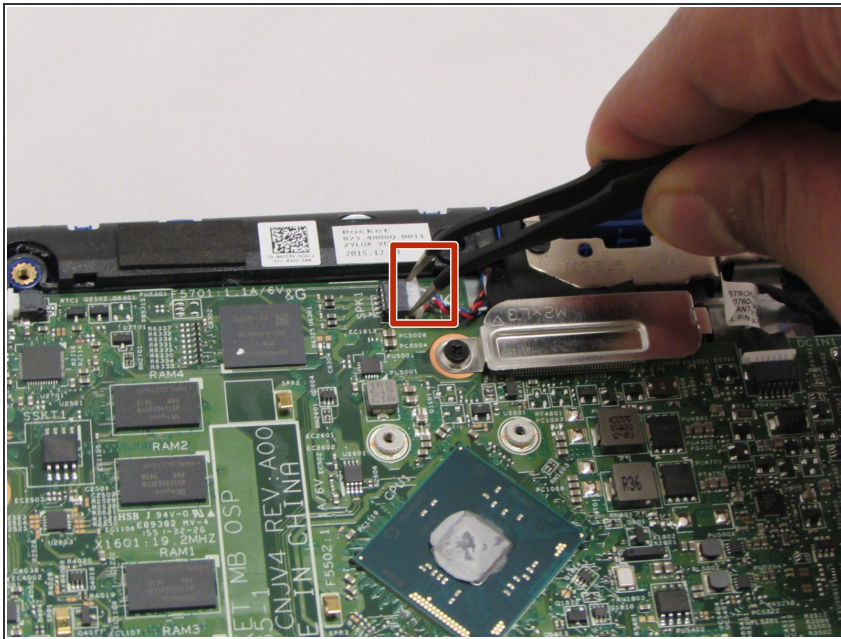
- Pull out the WiFi Chip.

## Step 10 — Motherboard



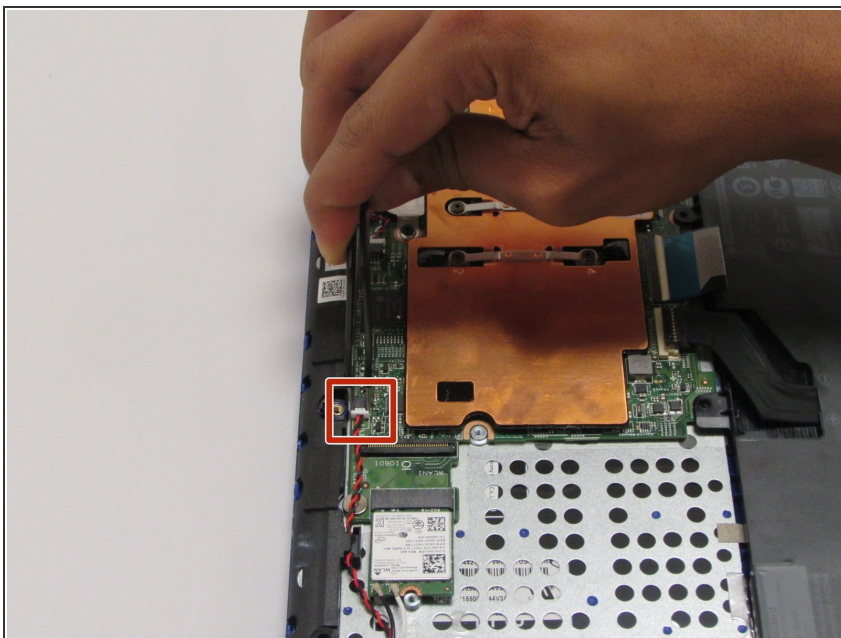
- Use the tweezers to unplug the DC Jack.

## Step 11



- Use the tweezers unplug the Speaker Cable.

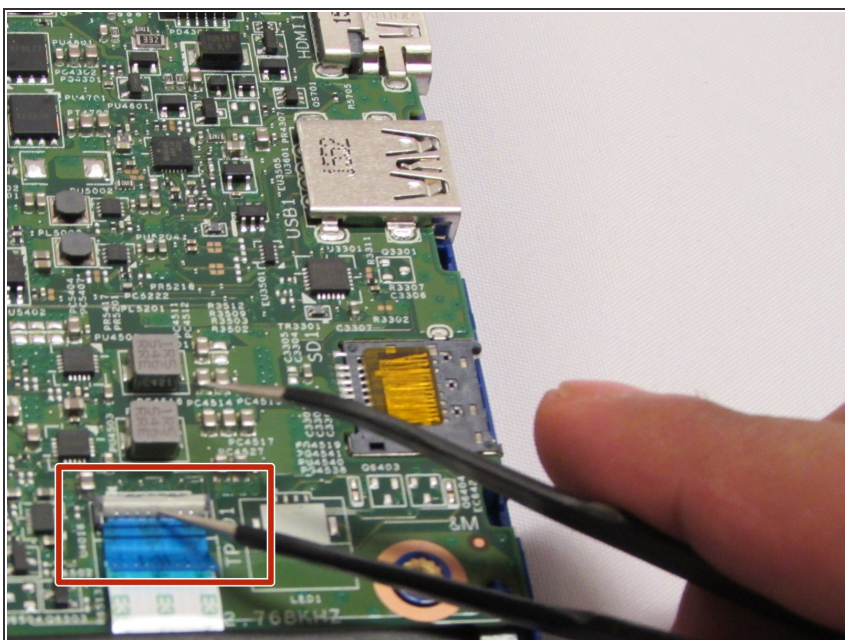
## Step 12



- Use the tweezers to remove the CMOS Cable.

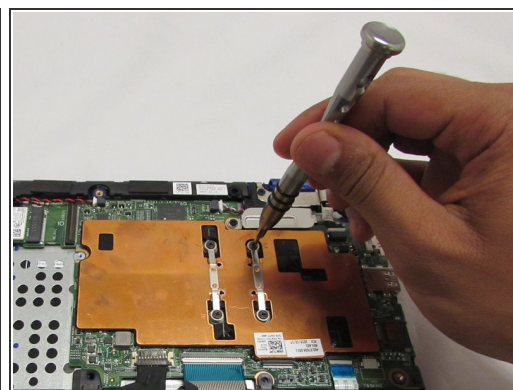
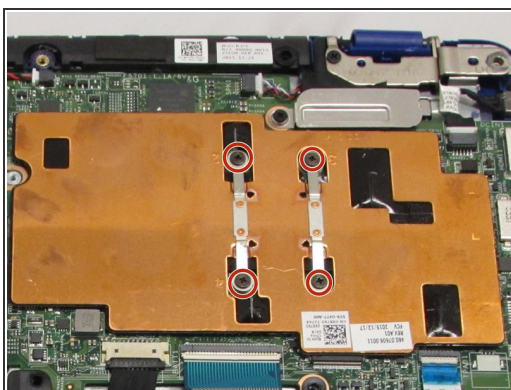


## Step 13



- Use the tweezers to remove the Touchpad Cable.

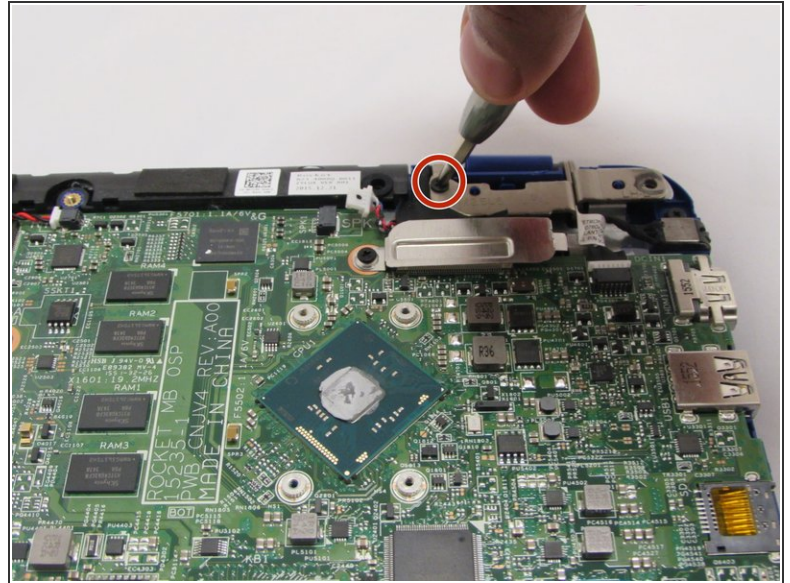
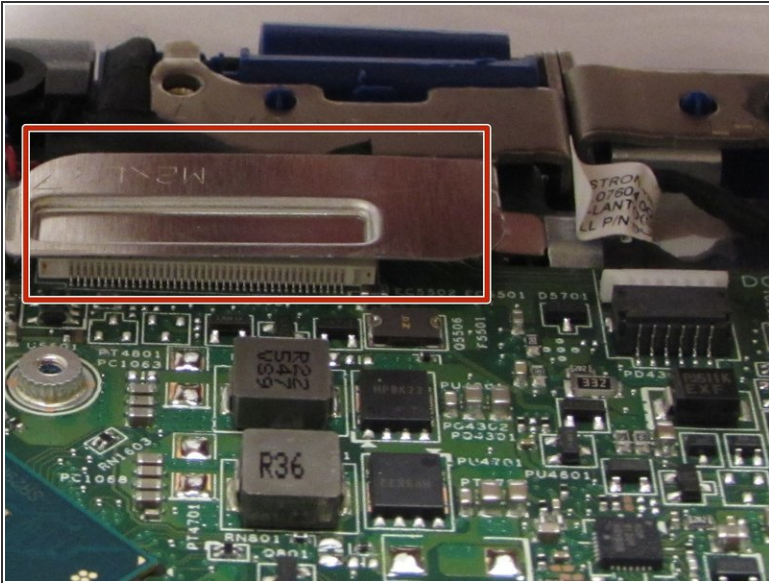
## Step 14



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

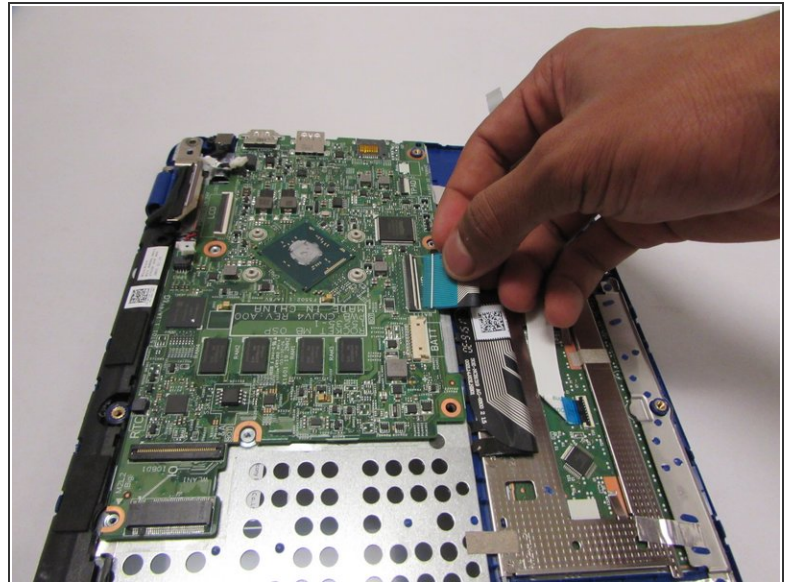
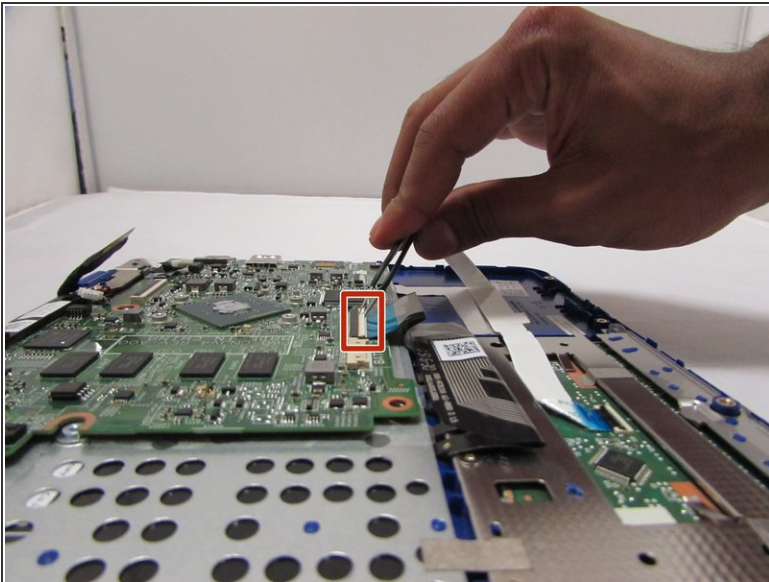


## Step 15



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

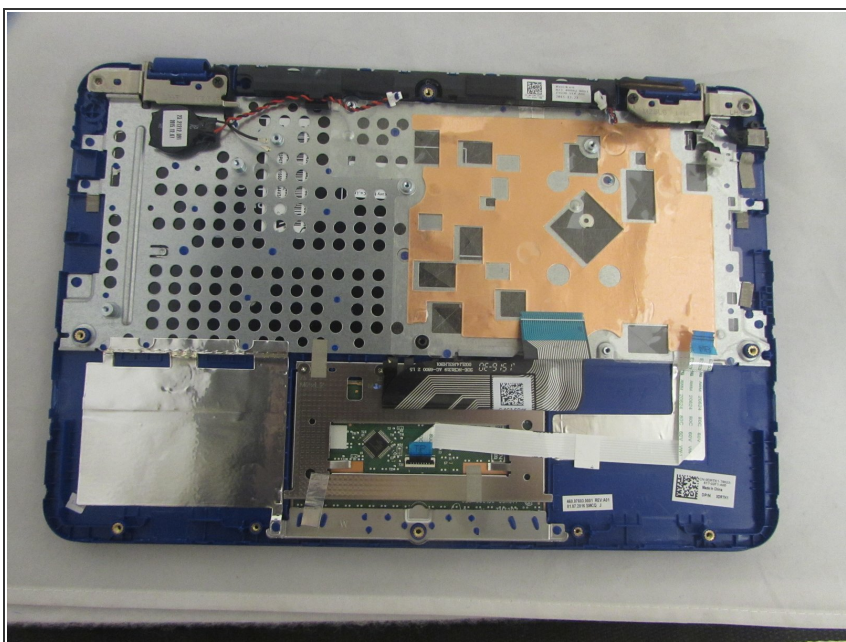
## Step 16



- 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.