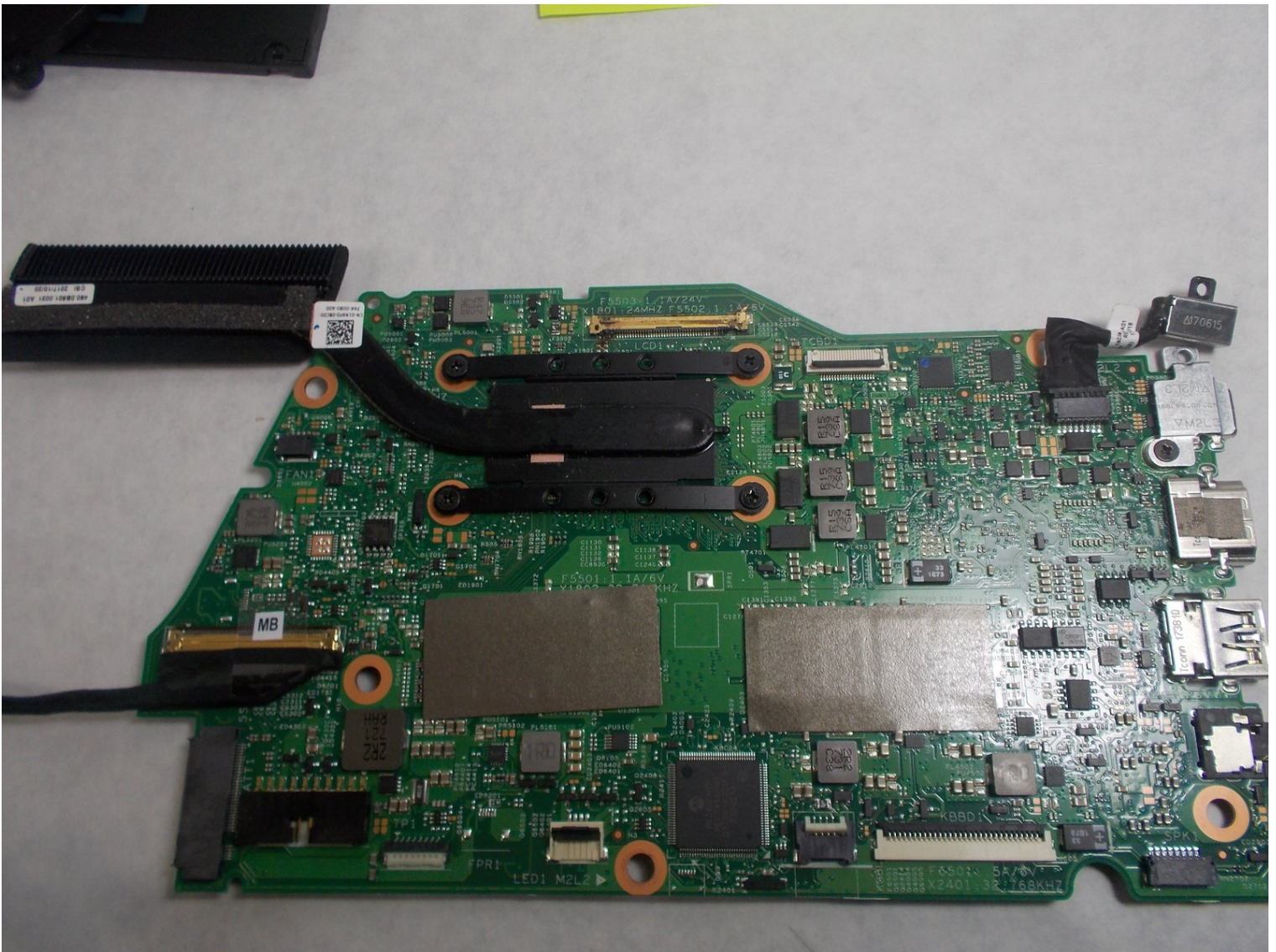




# Dell Inspiron 13-7373 Motherboard Replacement

If your laptop is not booting or functioning...

Written By: John Egan



# INTRODUCTION

If your laptop is not booting or functioning properly and all other potential hardware issues have been ruled out (Hard drive, RAM, etc.), then it might be time to replace your computer's motherboard. The motherboard is the main circuit board of the computer that all other components connect to. This is a step-by-step guide to help replace your Dell Inspiron 13-7373 motherboard. Please note that this process does involve an almost complete disassembly of the computer! Take extra care when performing this repair and ensure that all components and screws/hardware are labeled and stored in a safe place.

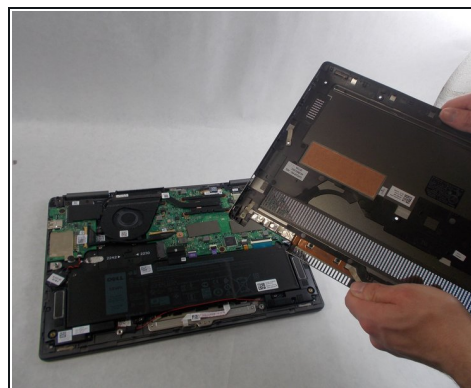
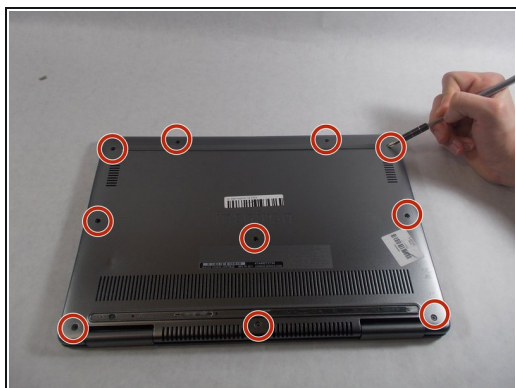
## TOOLS:


Phillips #00 Screwdriver (1)

iFixit Opening Tool (1)

Phillips #0 Screwdriver (1)

## Step 1 — Back Cover

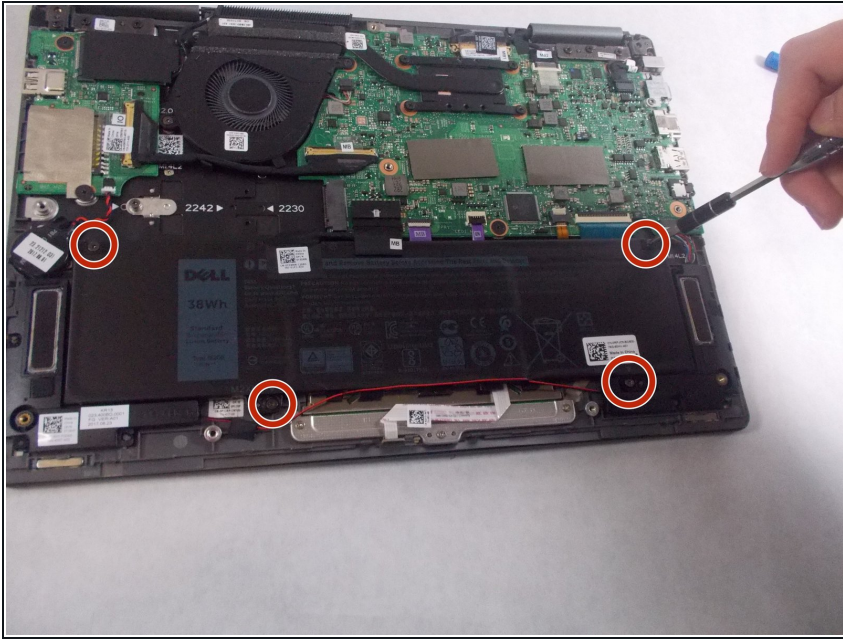


 Before you begin, be sure to turn off your laptop and unplug it from the outlet.

- Remove the ten 7.5mm Phillips #00 screws from the bottom of the laptop.
- Use an opening tool to remove the bottom half of the case from the laptop.

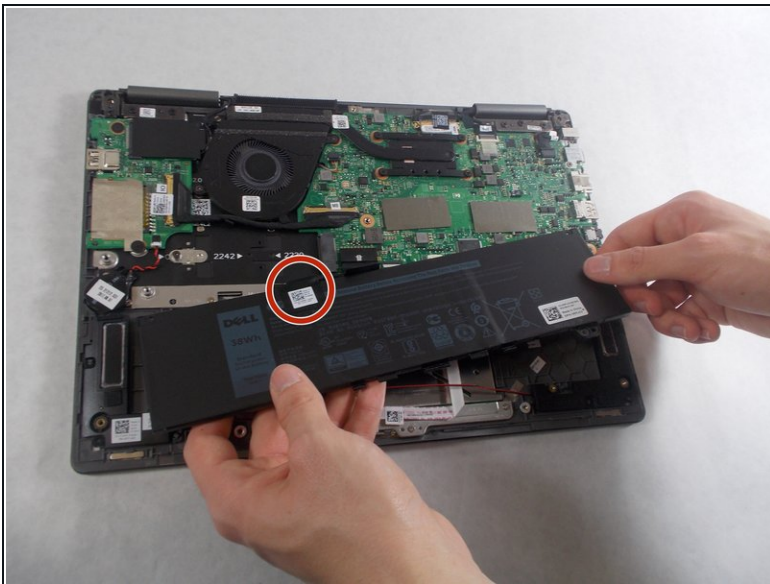


## Step 2 — Battery



- Use a Phillips screwdriver to remove the four screws holding the battery in place.

## Step 3



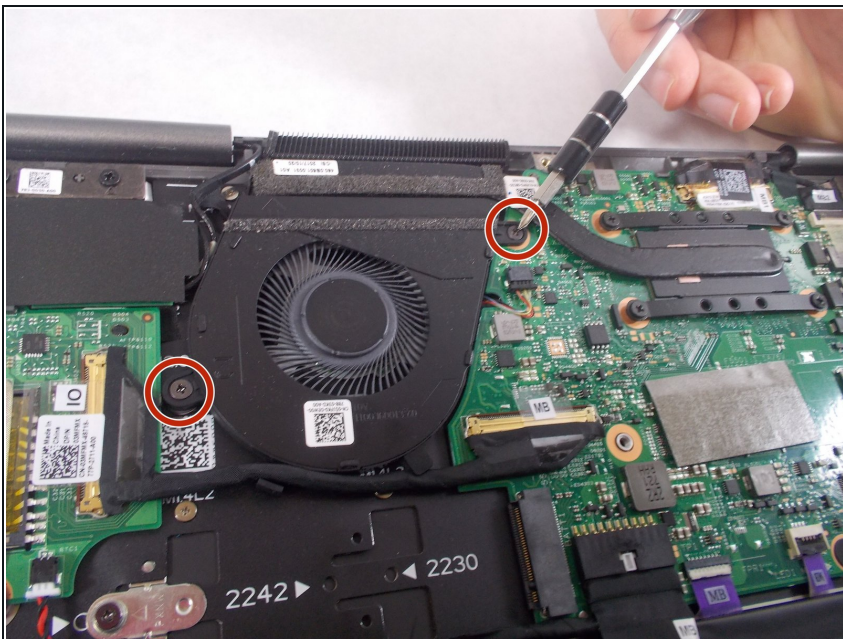
- Pull the plastic tab on the battery cable to disconnect the cable from the battery.

## Step 4



- Remove the battery from the laptop.

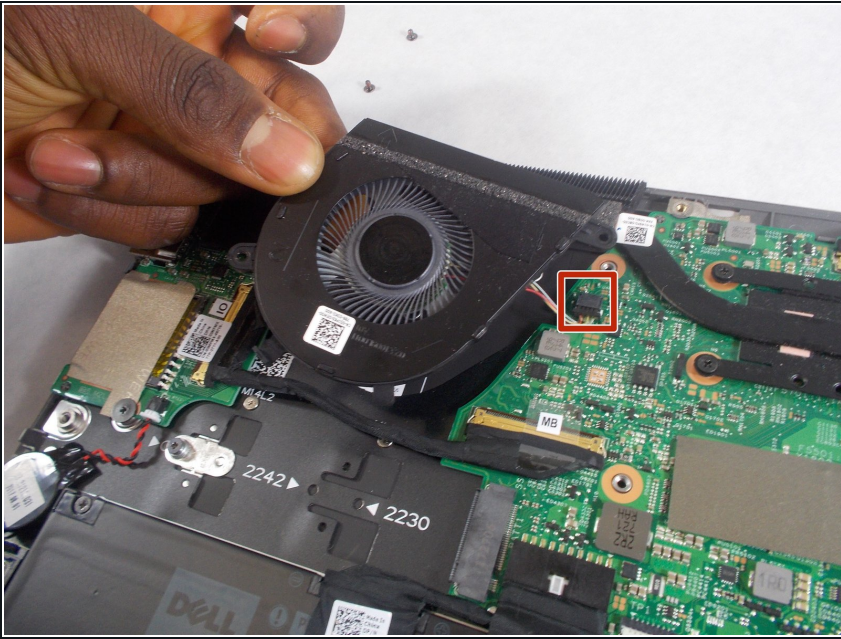
## Step 5 — Fan



- Remove the two screws holding the cover for the fan.

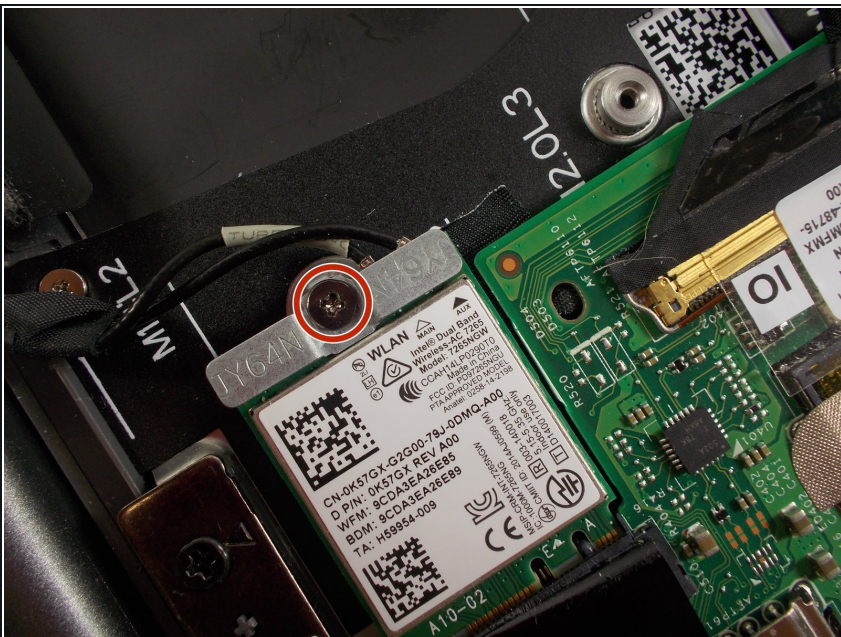


## Step 6



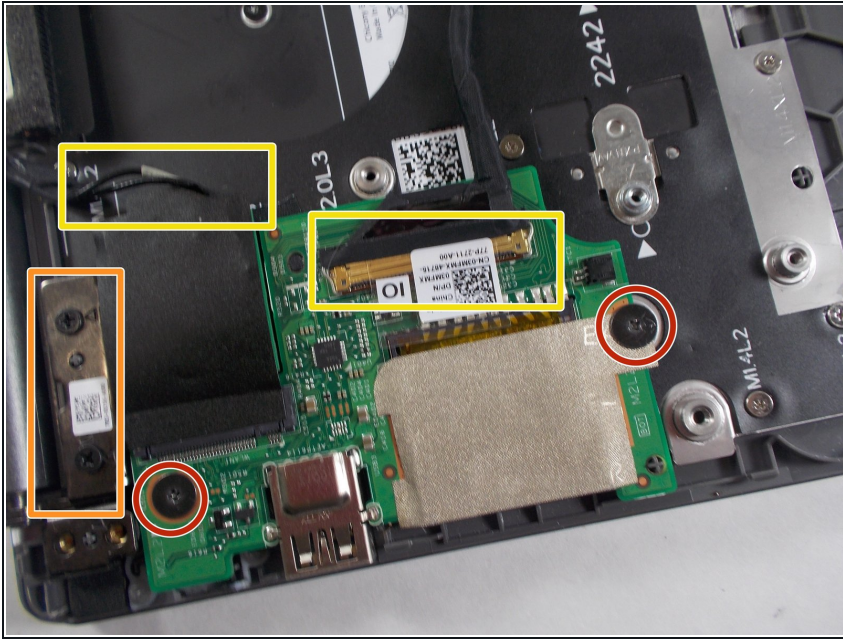
- Unplug the connector holding the fan's wires.
- Remove the fan from the laptop.

## Step 7 — Network Card



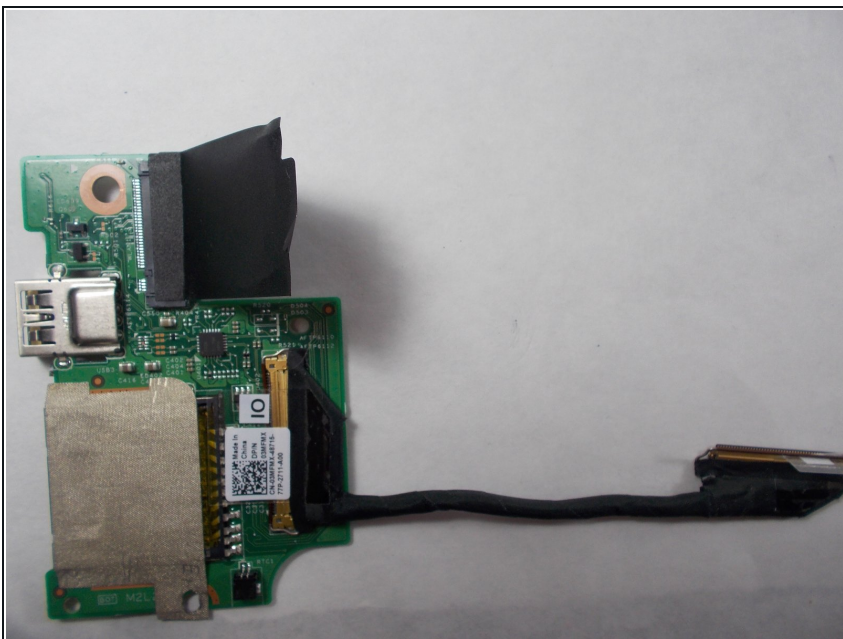
- Use the Phillips #00 screwdriver to remove the single screw holding in the network card.
- Remove the network card from the laptop.

## Step 8 — Daughterboard



- Use the Phillips #00 screwdriver to remove the two 1mm screws holding in the daughterboard.
- Remove the metal piece holding in the daughterboard.
- Disconnect the two cable connectors from the daughterboard.
- If the cables are stuck, gently wiggle them until they disconnect.

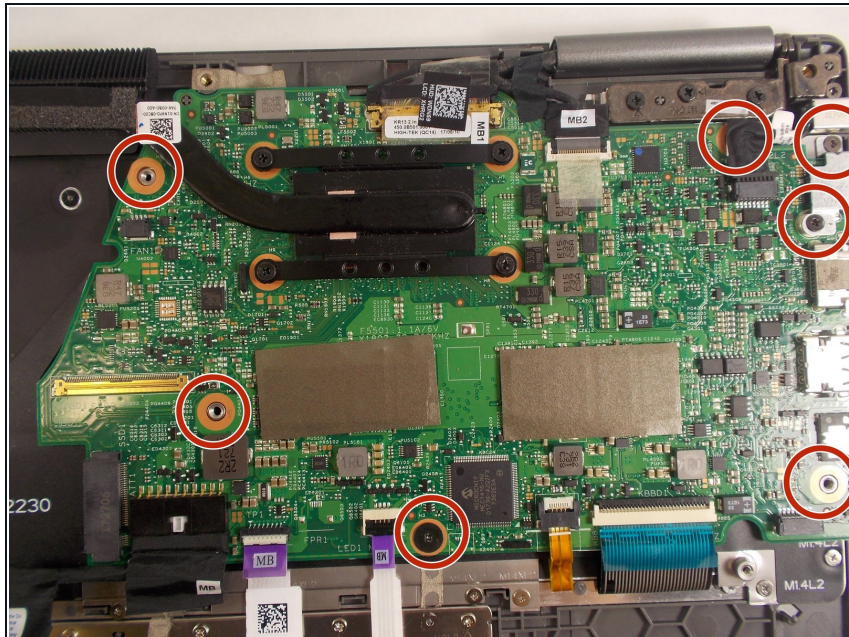
## Step 9



- Remove the daughterboard.

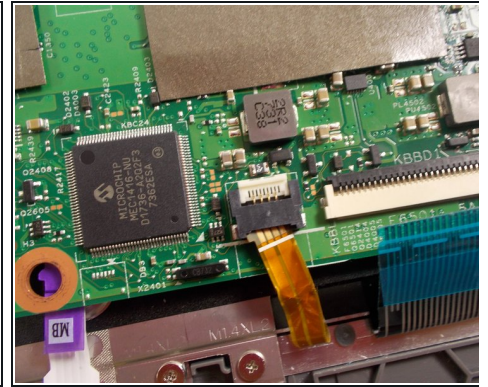
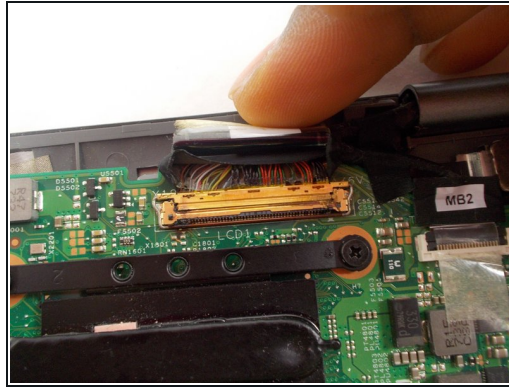
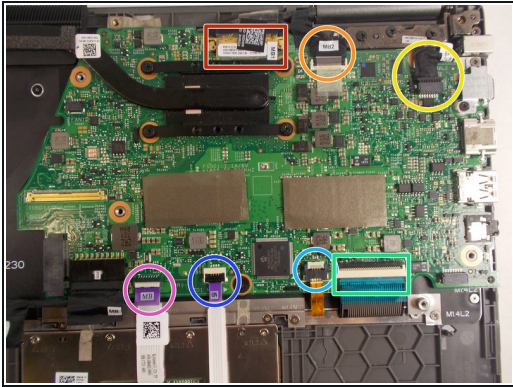


## Step 10 — Motherboard



- Remove the seven 2mm screws securing the motherboard.

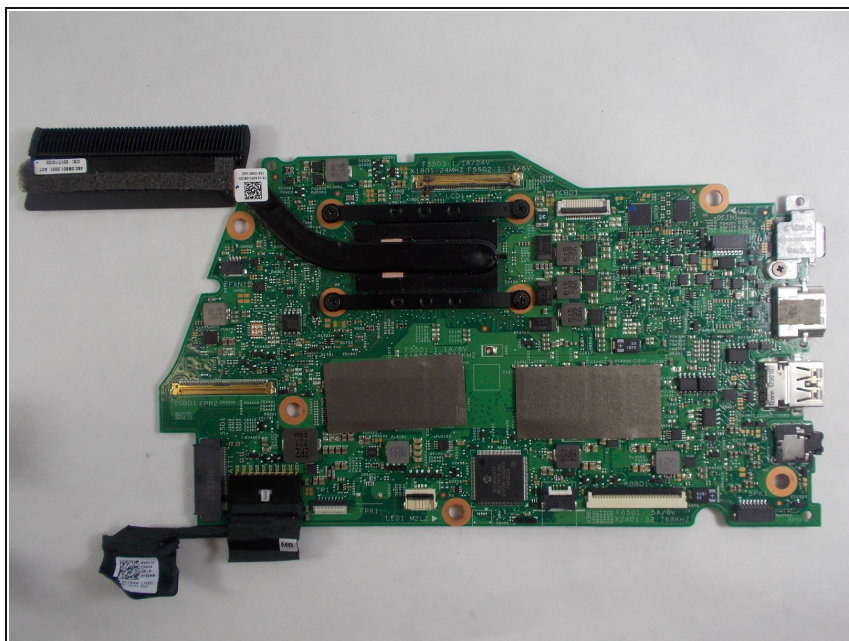
## Step 11



- Release the IO Board Cable.
- Release the Touchpad cable.
- Release the keyboard back-light cable.
- Release the keyboard cable.
- Release the eDP cable.
- Release the dc-in cable.
- Release the cable for the LED charging indicator by gently pulling up on the connector.



## Step 12



- Gently lift up on the motherboard to remove it.

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