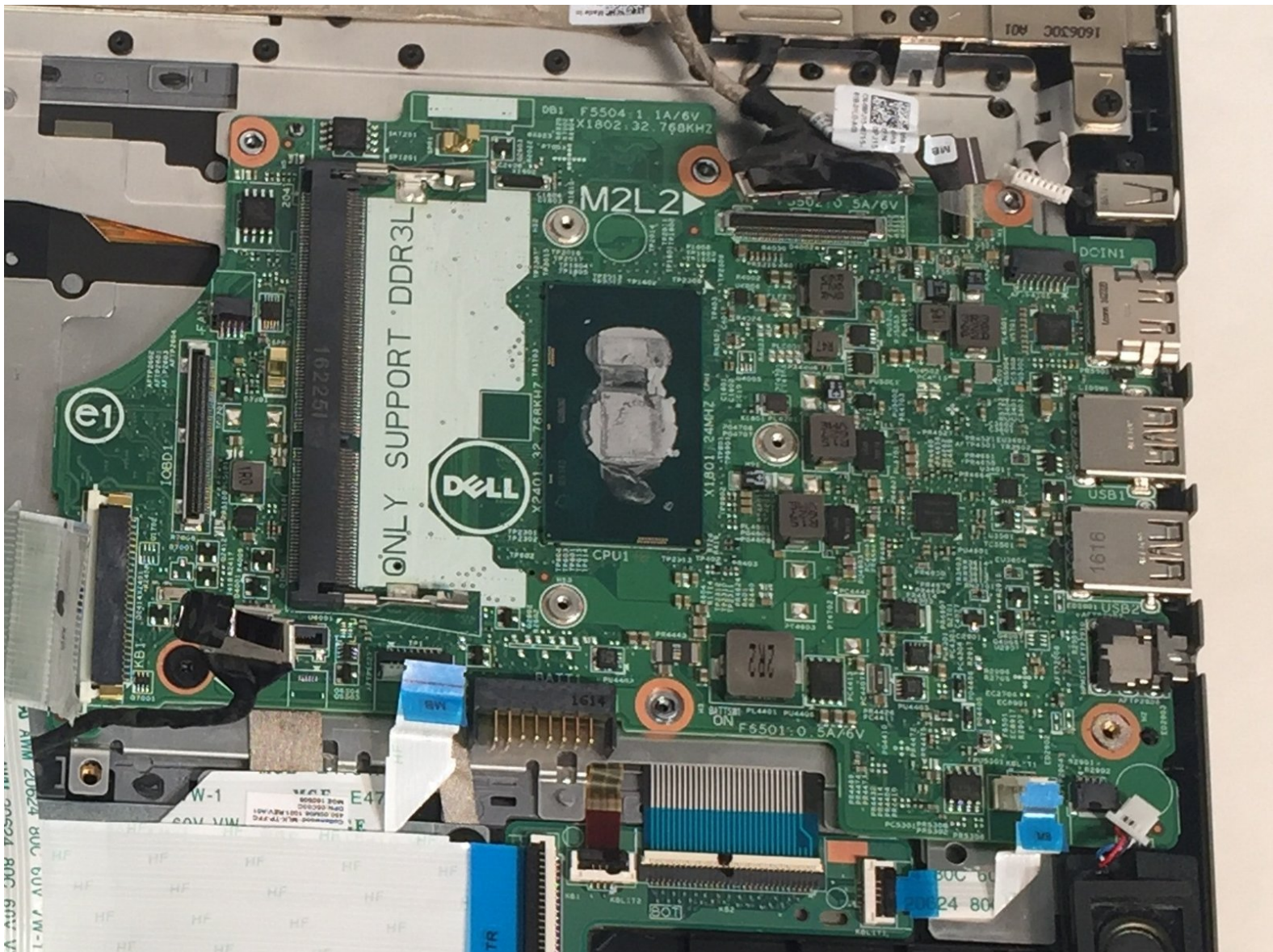




# Dell Inspiron 13-7353 Motherboard Replacement

This guide will help you replace the motherboard of your dell inspiron 13 7353 laptop.

Written By: Stephany Marin Restrepo



## INTRODUCTION

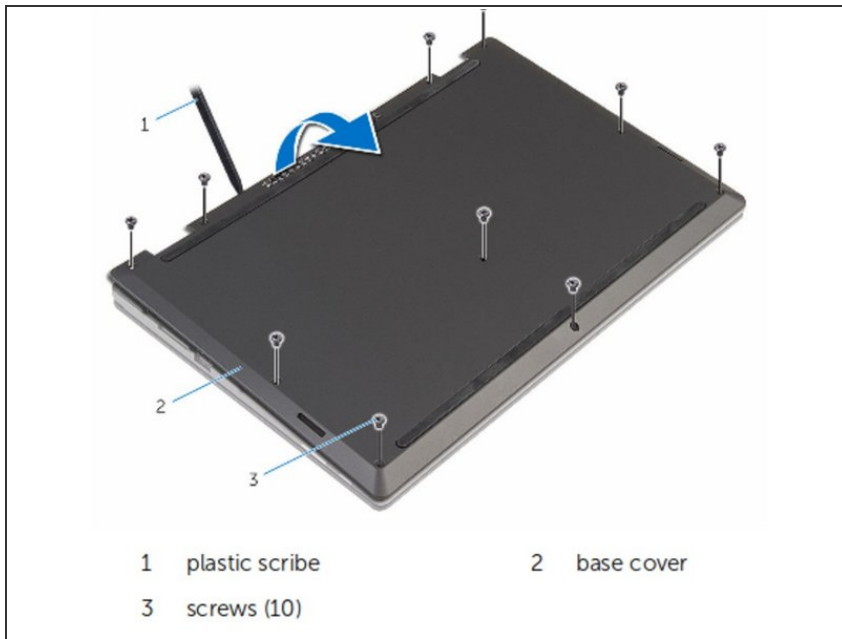
If you notice that your computer programs are slow and your computer is taking long to load any programs, this guide may be able to help. The motherboard is responsible for running your computer, and if it is damaged or too old, your computer's performance may not be optimal. The motherboard may also need to be replaced in order for your computer to work at all. The process of replacing your computer's motherboard requires removing parts of the computer and the way and putting them back in order. These prerequisites can be found in prior guides on this page.

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### TOOLS:

- [Small plastic scribe](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
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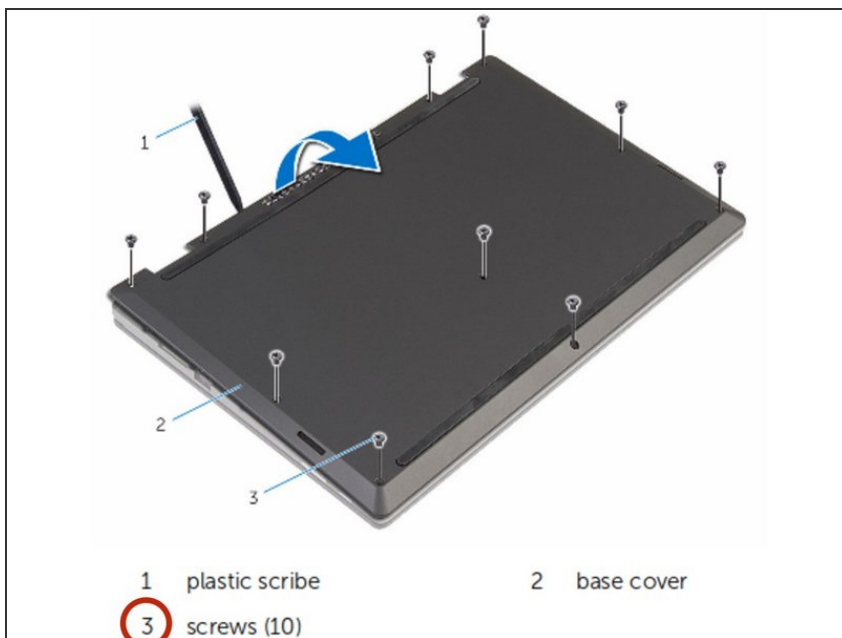
## Step 1 — Flip the Computer



**⚠ WARNING:** Please read the safety information shipped with your computer and follow recommended steps before working inside your computer. When finished working inside your computer, follow the instructions included in the safety information.

- Close the computer display and turn the computer over so that the base of the computer is facing up.

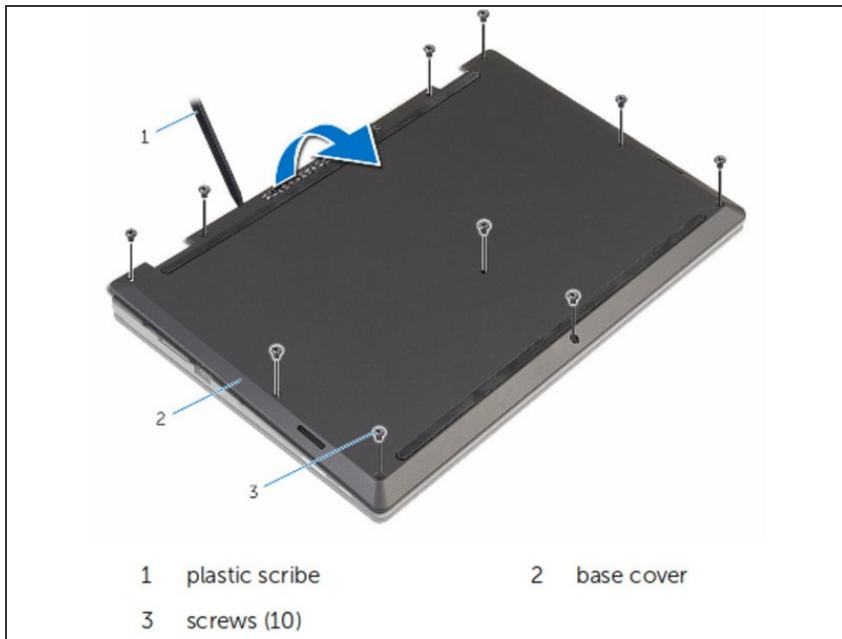
## Step 2 — Secure the Base



- Remove the ten screws that secure the base cover to the base of the computer.

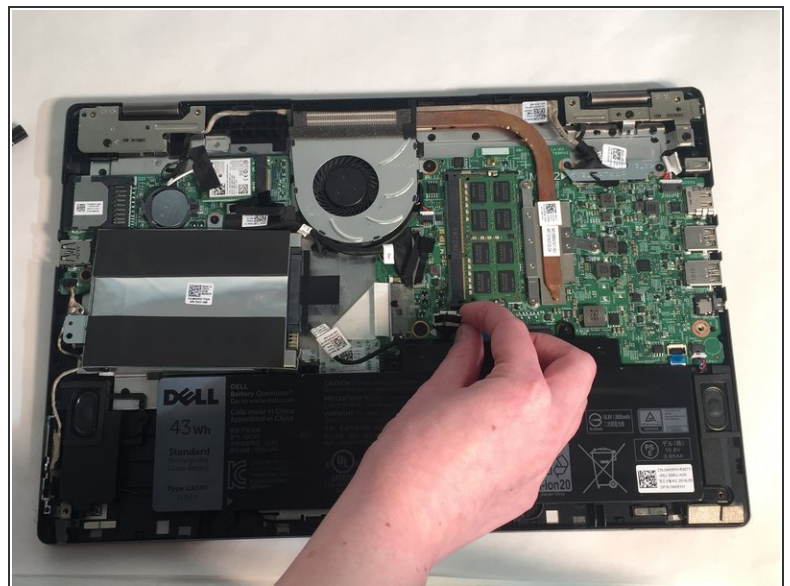
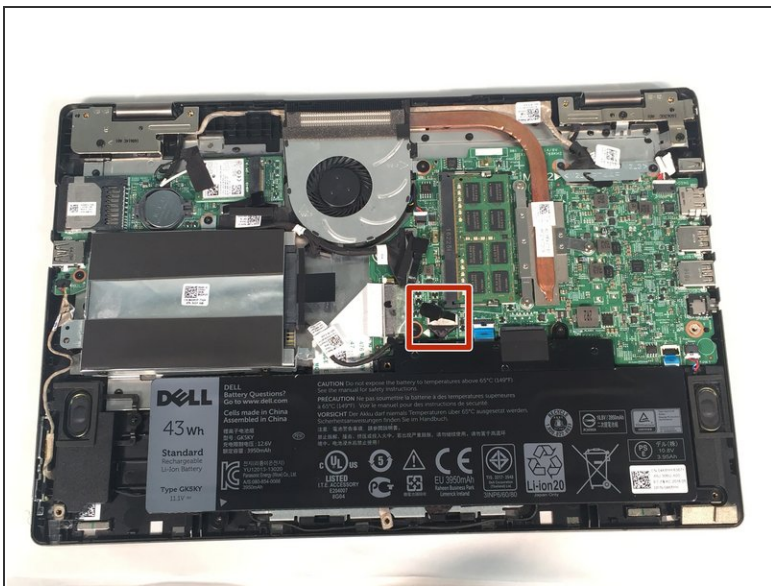


## Step 3 — Pry the Base cover



- Using a plastic scribe (plastic opening tool), pry the base cover off of the base of the computer.

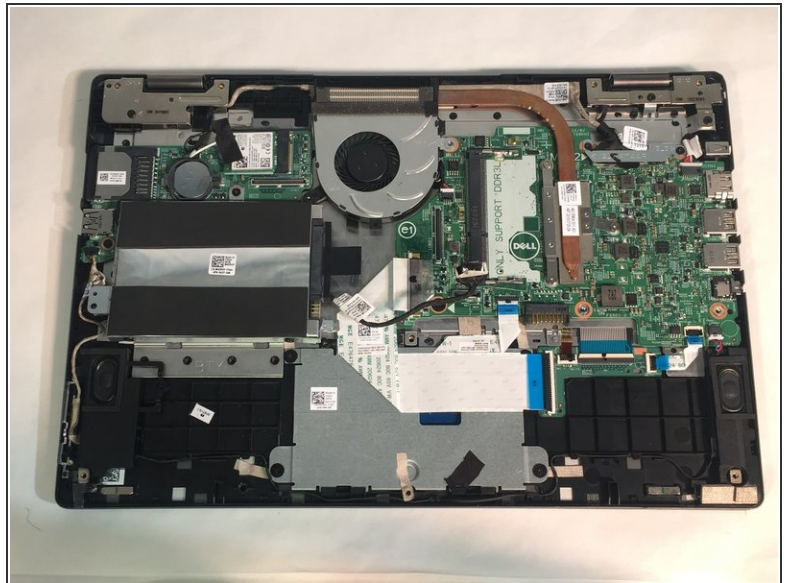
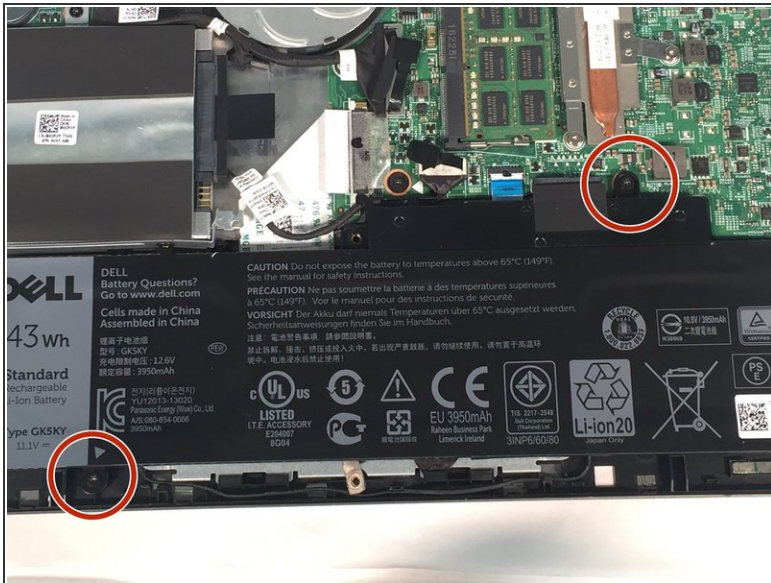
## Step 4 — RAM



**i** Before opening your device, ensure that all data is backed up on a hard drive to prevent data loss.

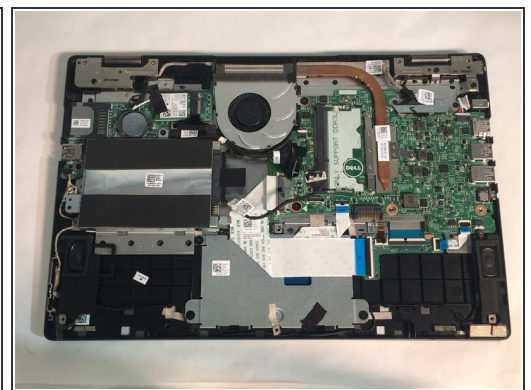
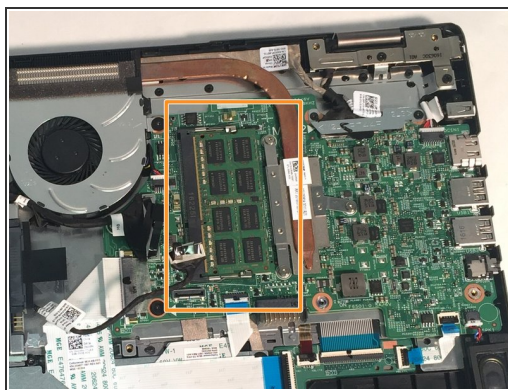
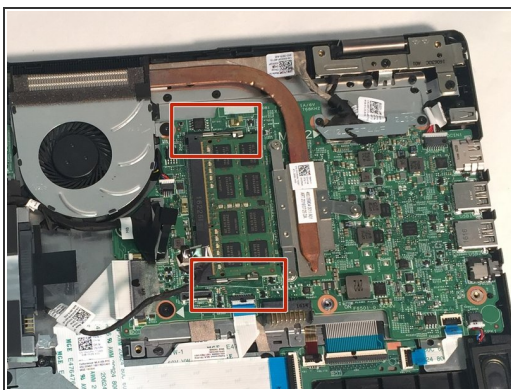
- Loosen and then unplug the hard drive cable.

## Step 5



- Remove the two M2 3mm screws attaching the battery using the Phillips #1 screwdriver.
- Remove the battery.

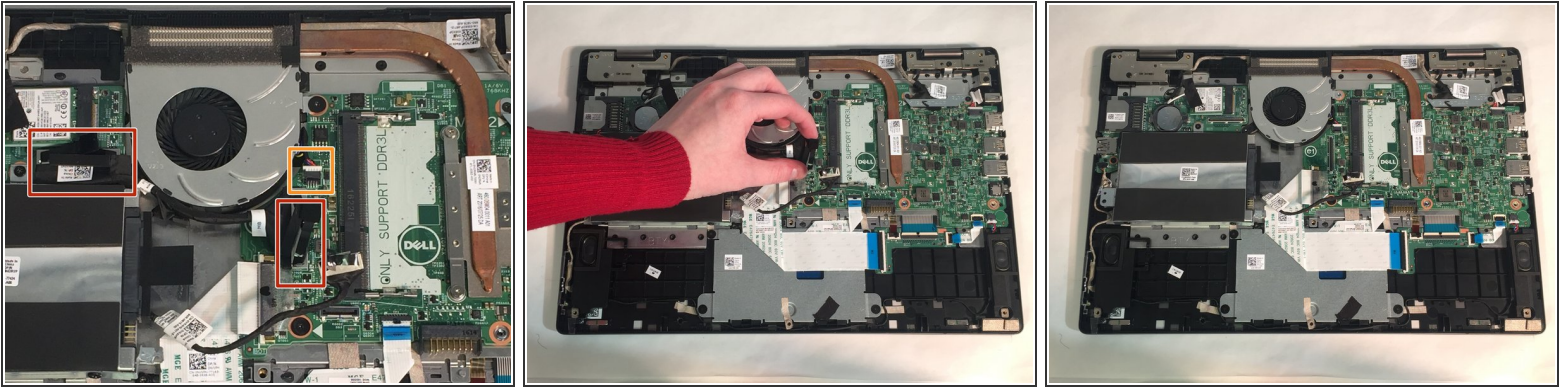
## Step 6



- Pry open the two clips.
- Gently lift the RAM stick and pull it out of the motherboard.

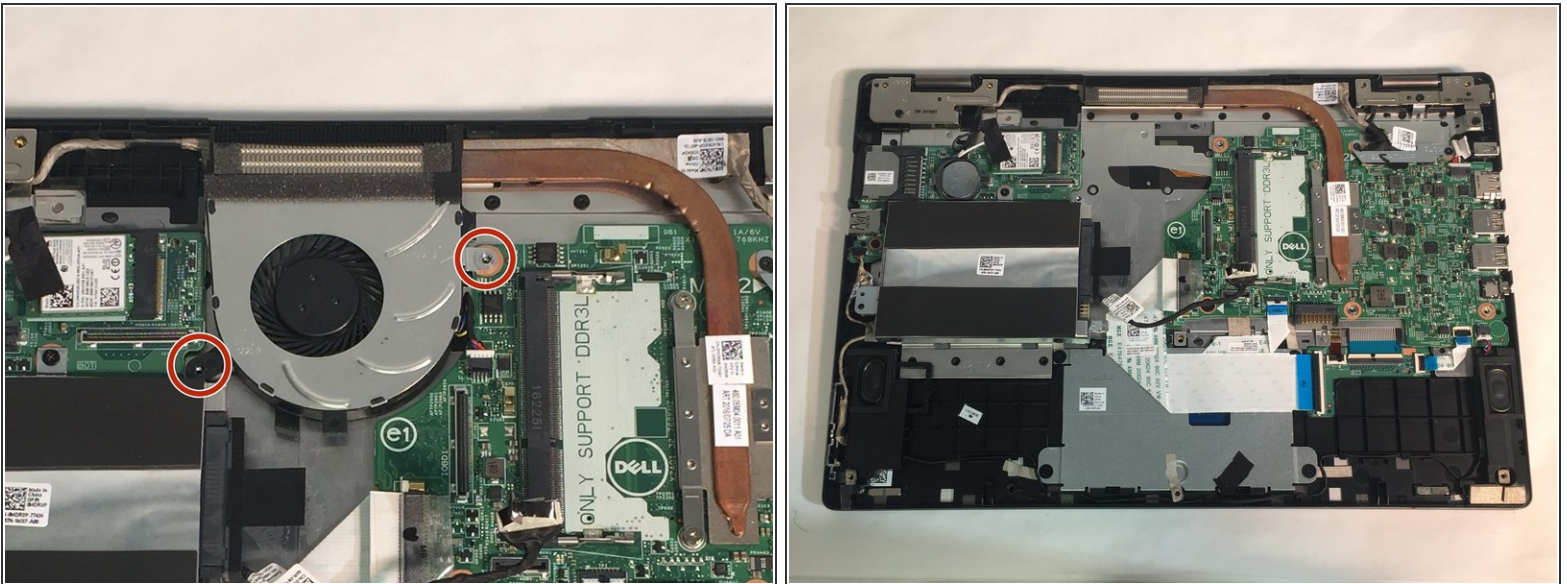


## Step 7 — Fan



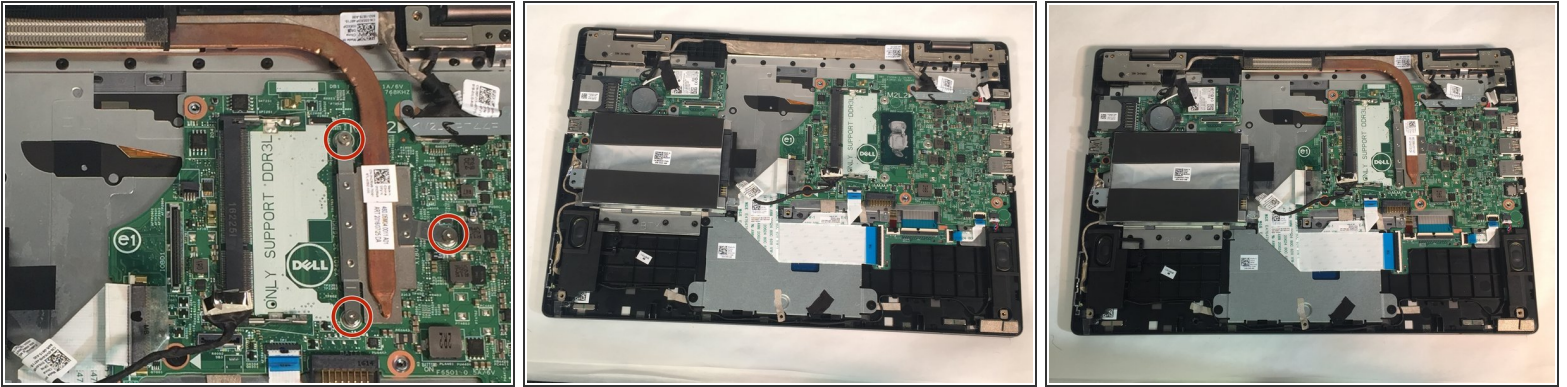
- Unplug the daughterboard cable in two places, then remove the daughterboard.
- Unplug the fan cable.

## Step 8



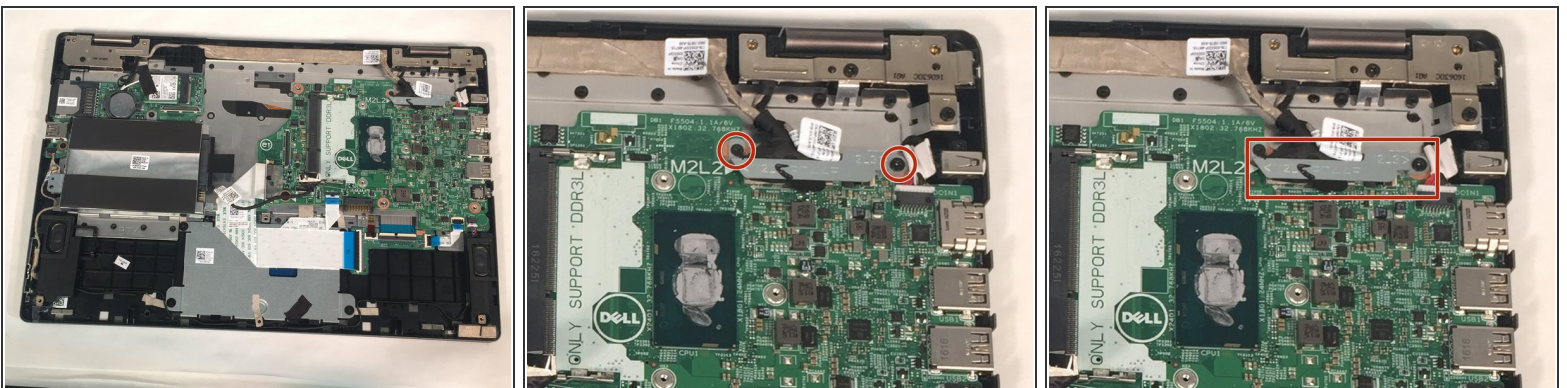
- Remove two 3mm screws from the cooling fan using the Phillips #1 screwdriver.
- Remove the cooling fan from the laptop.

## Step 9 — Heat Sink



- Remove three 2mm screws from the heat sink using a Phillips #0 screwdriver.
- Remove the heat sink.

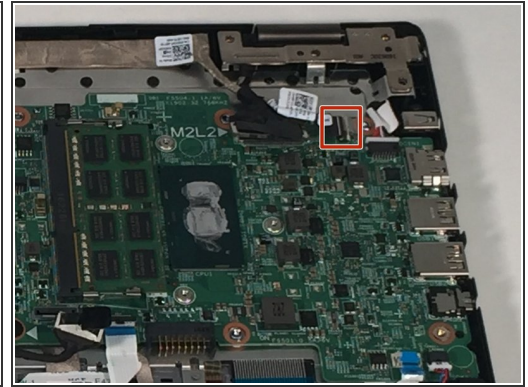
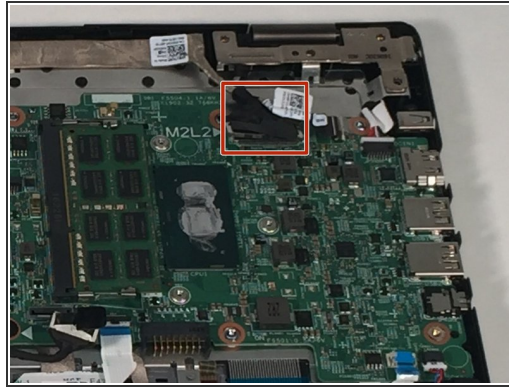
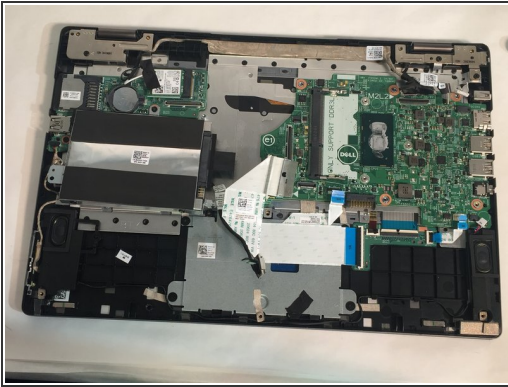
## Step 10 — Motherboard



- Remove 2 M2 3mm bracket screws, using the Phillips 1 screwdriver, on the LCD cable bracket.
- Remove the bracket on the LCD cable.

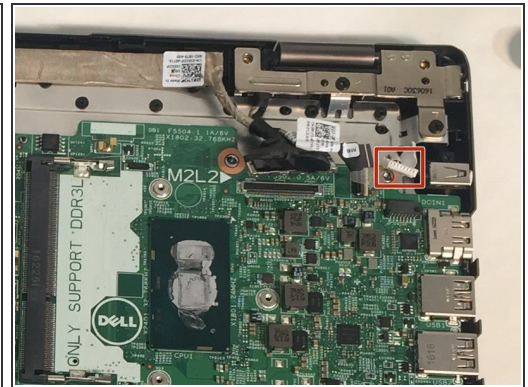
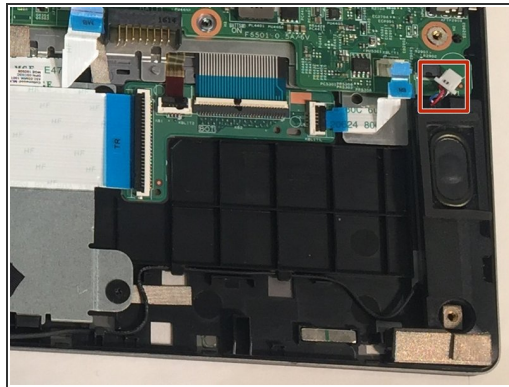
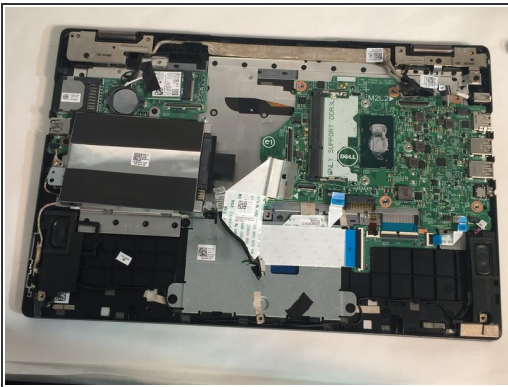


## Step 11



- Remove the plug of the LCD cable.
- Remove the plug of the touchscreen cable.

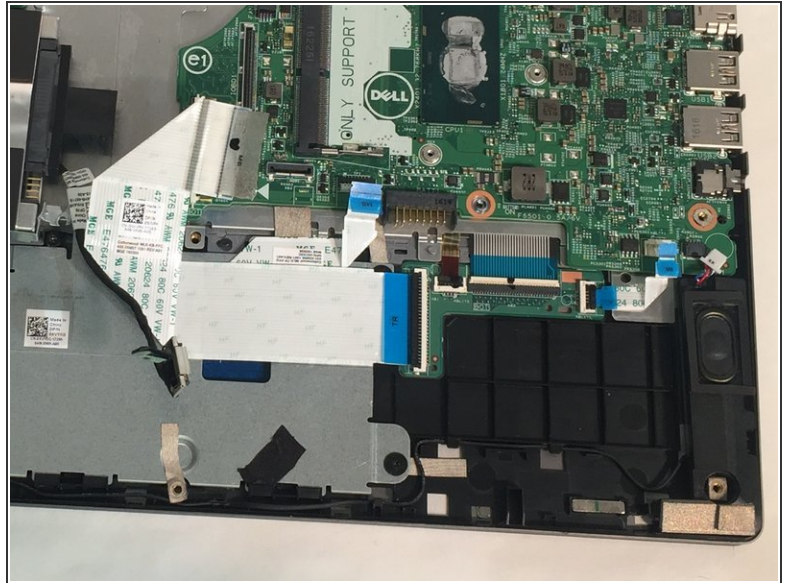
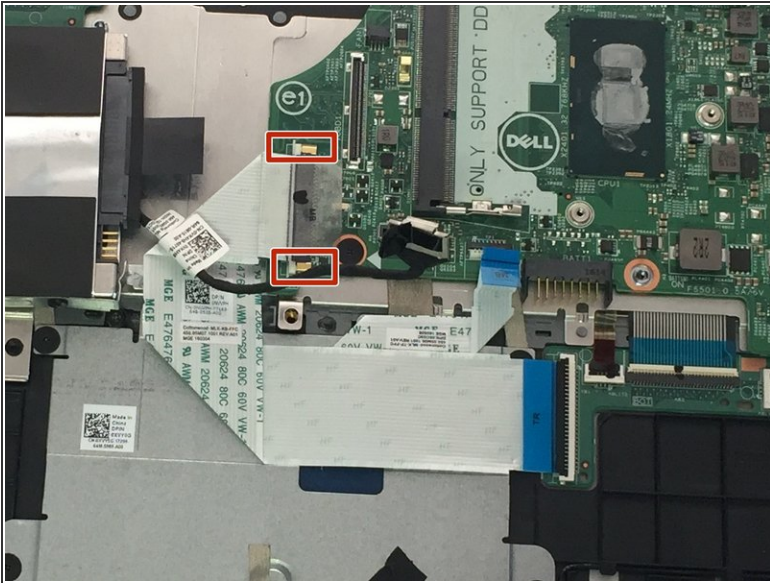
## Step 12



- Remove the plug of the DC Jack cable.
- Remove the plug of the speaker cable.



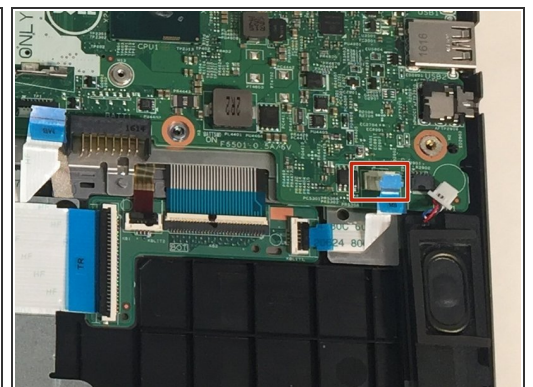
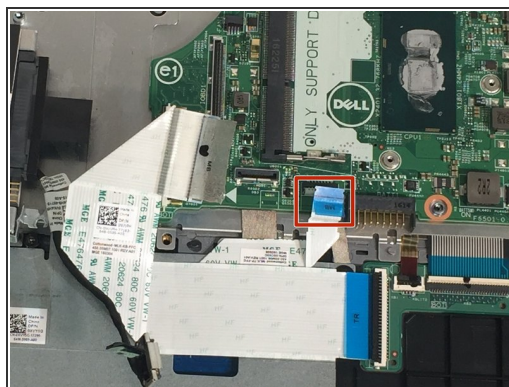
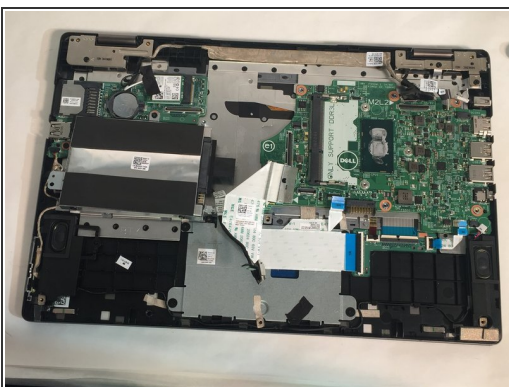
## Step 13



**i** Be gentle and slow when loosening the keyboard cable tape.

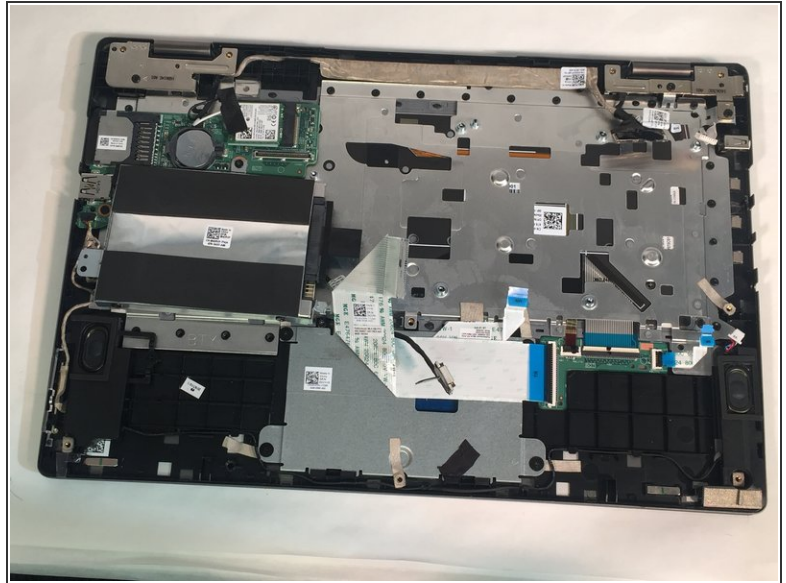
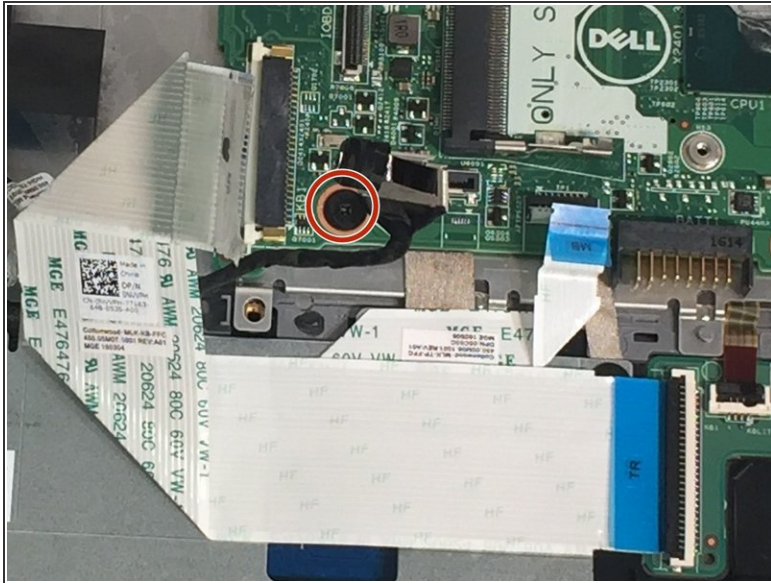
- Loosen the top of the keyboard tape.
- Loosen the latches of the keyboard cable with a screwdriver.
- Remove the plug of the keyboard cable.

## Step 14



- Remove the plug of the touchpad cable.
- Remove the plug of the keyboard backlight cable.

## Step 15



- Remove one M2 2mm wafer screw, using the Phillips 1 screwdriver, from the motherboard.
- Remove the motherboard.

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