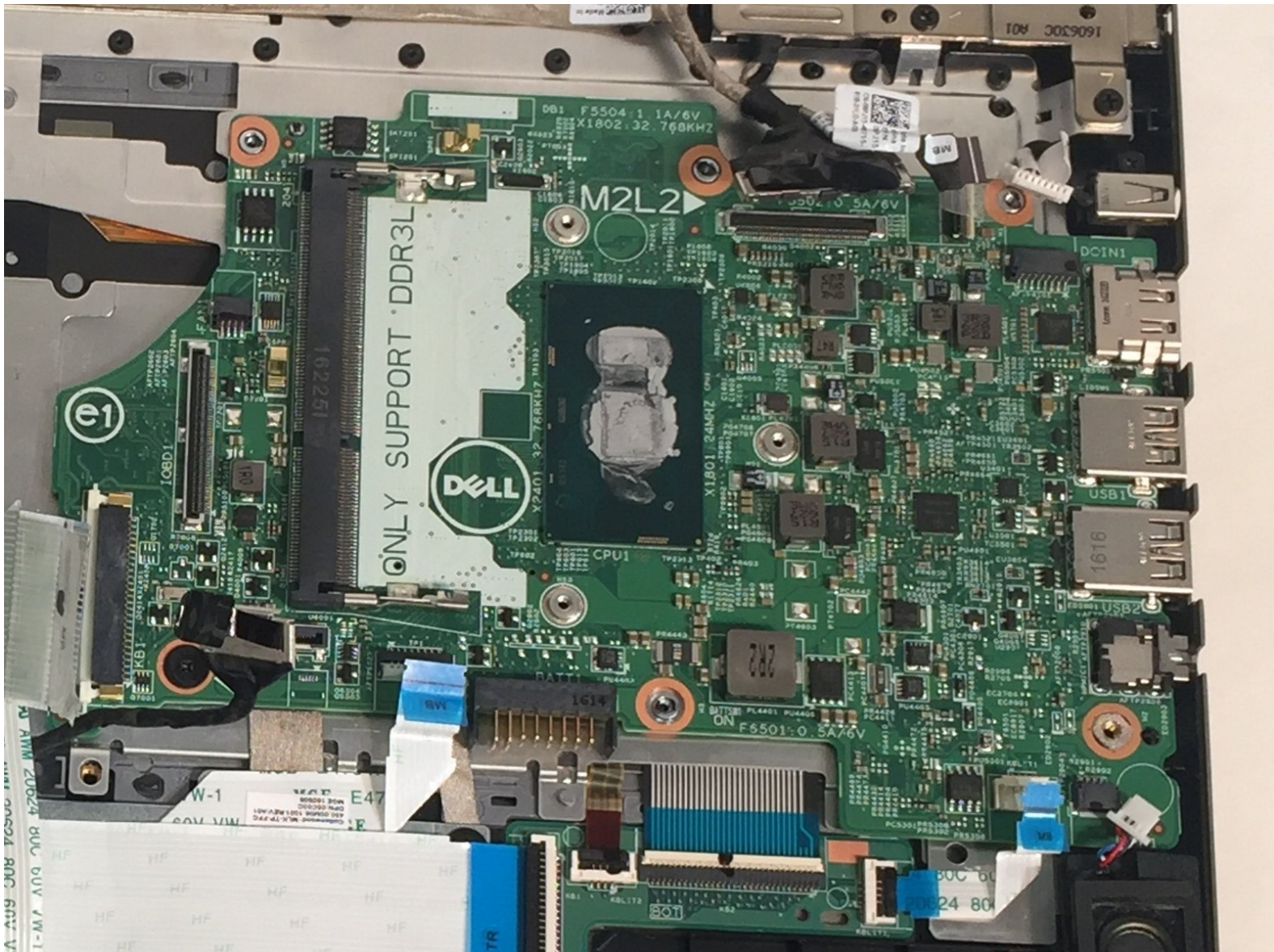




Dell Inspiron 13-7353 Motherboard Replacement

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

Written By: Stephany Marin Restrepo



INTRODUCTION

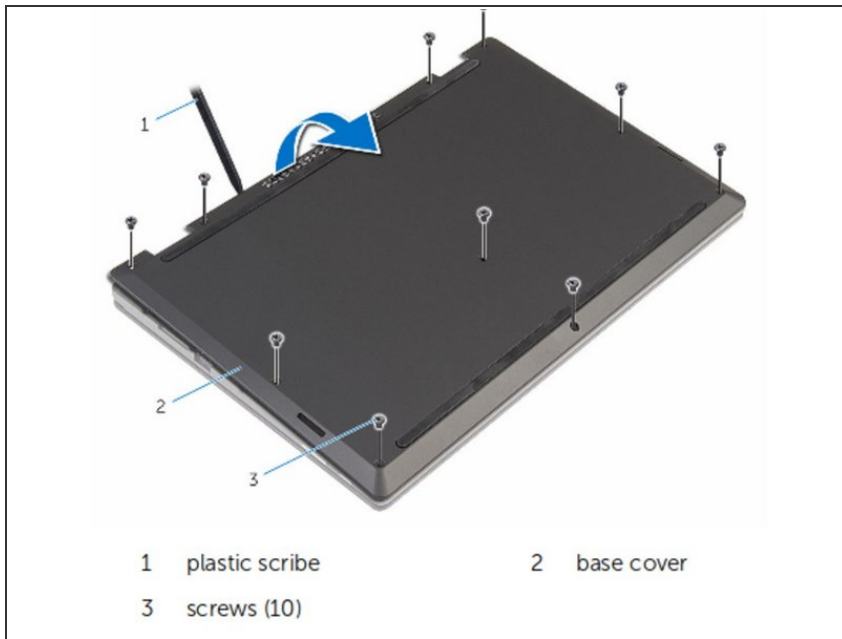
If you notice that your computer programs are slow and your computer is taking long to load any programs, this guide may be able to help. The motherboard is responsible for running your computer, and if it is damaged or too old, your computer's performance may not be optimal.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
-

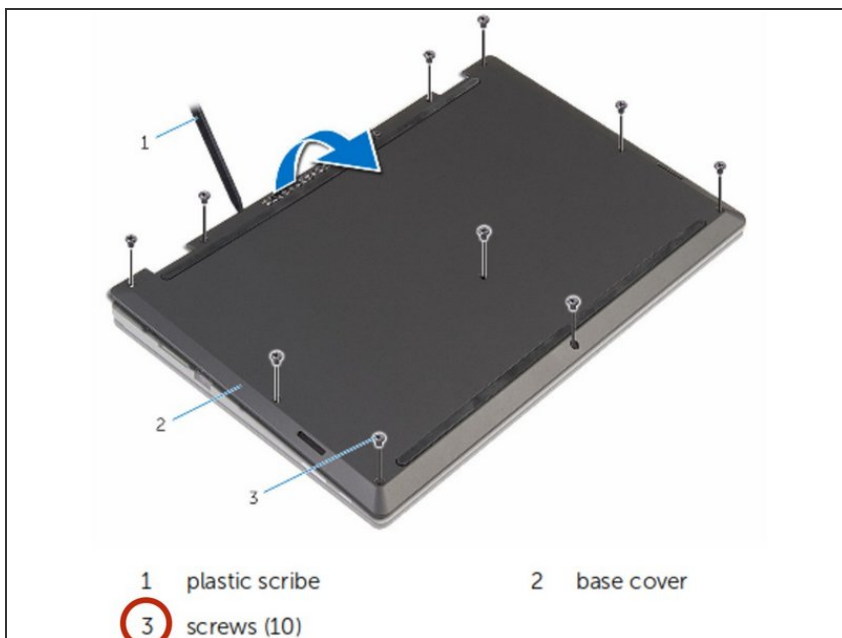
Step 1 — Flip the Computer



WARNING : Before working inside your computer, read the safety information that shipped with your computer and follow the steps in Before working inside your computer . After working inside your computer, follow the instructions in After working inside your computer.

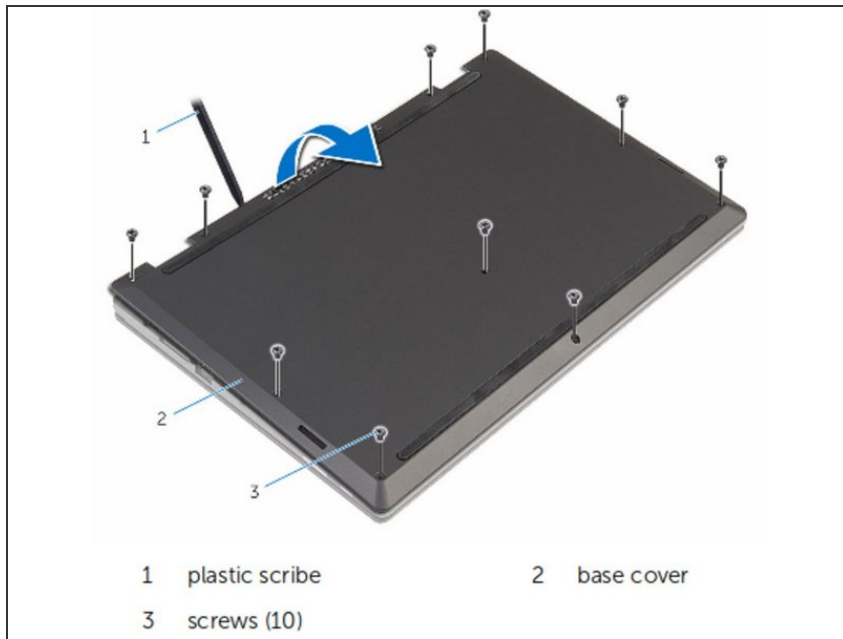
- Close the display and turn the computer over

Step 2 — Secure the Base



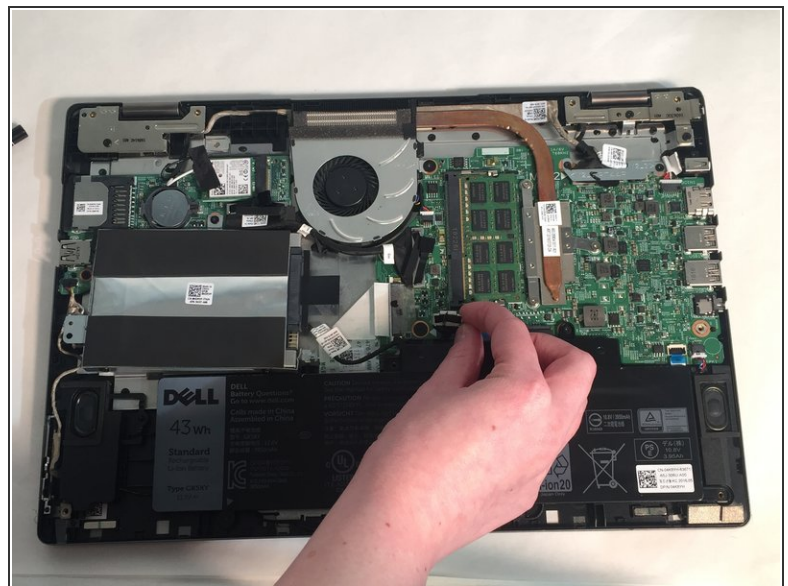
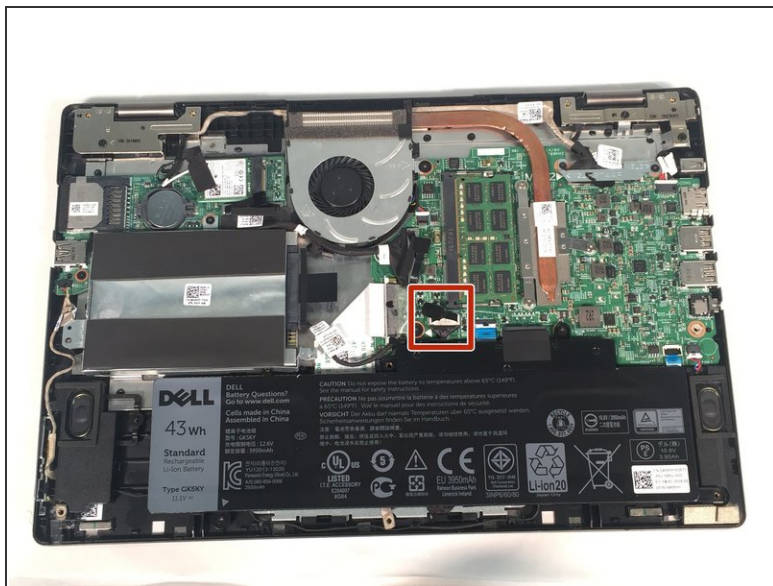
- Remove the screws that secure the base cover to the computer base.

Step 3 — Pry the Base cover



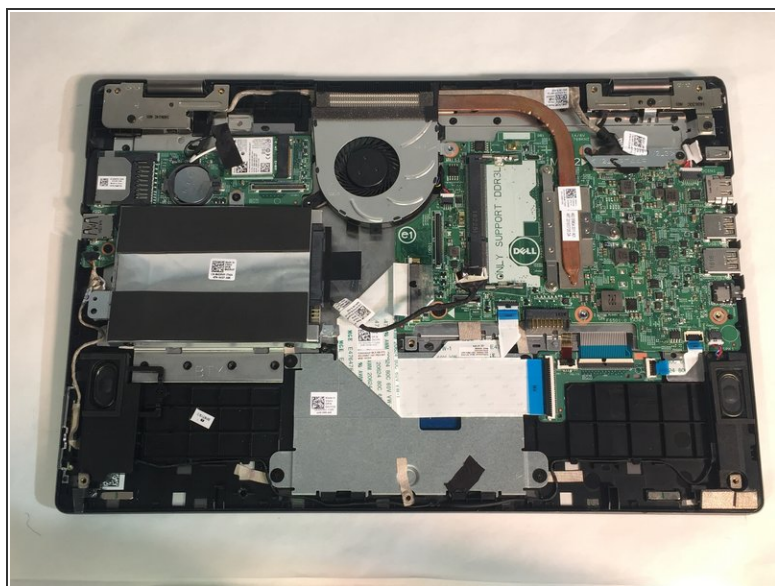
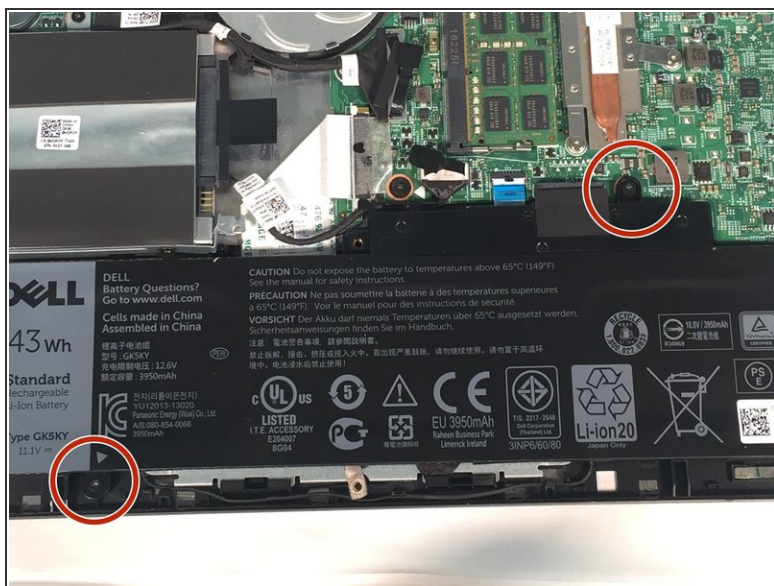
- Using a plastic scribe (plastic opening tool), pry the base cover off the computer base.

Step 4 — RAM



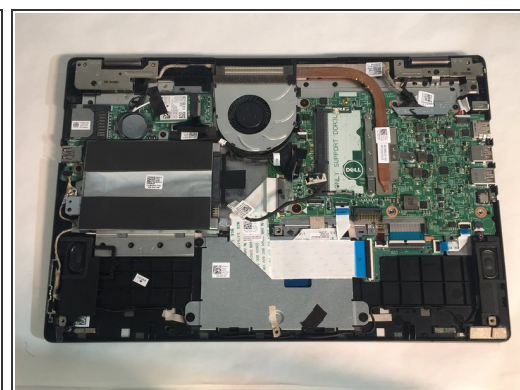
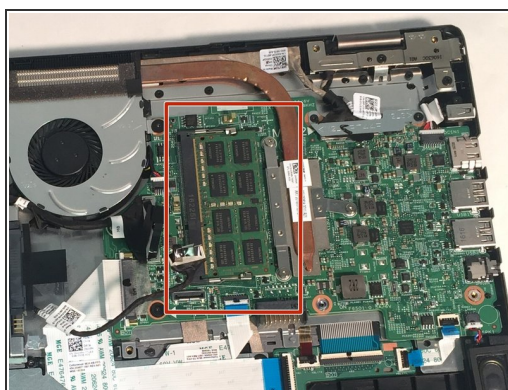
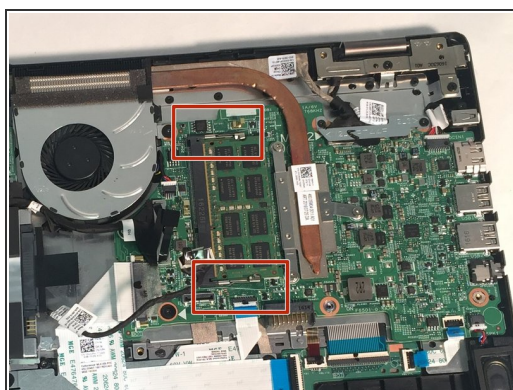
- ⓘ Before opening device, ensure that all data is backed up on a hard drive to prevent data loss.
- Loosen and then unplug the hard drive cable.

Step 5



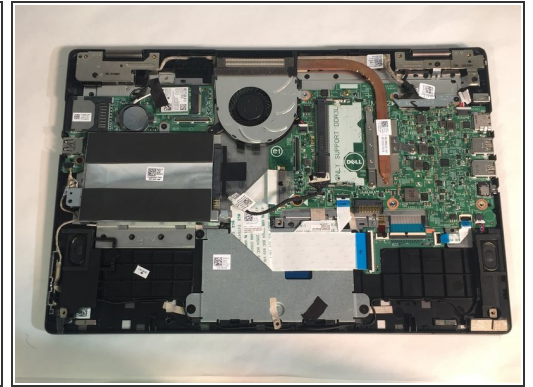
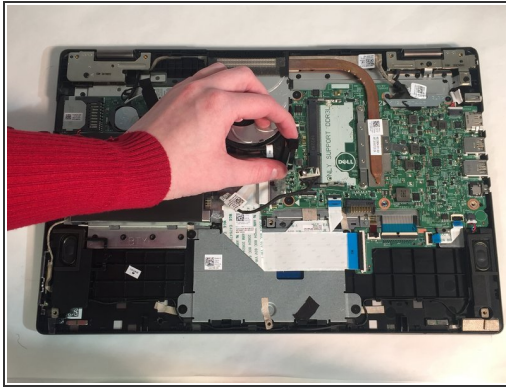
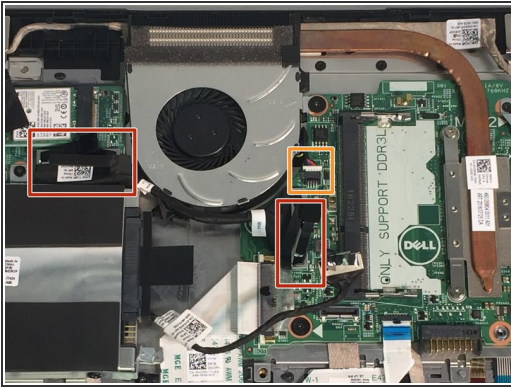
- Remove 2 M2 3mm screws, using the Phillips 1 screwdriver.
- Remove the battery.

Step 6



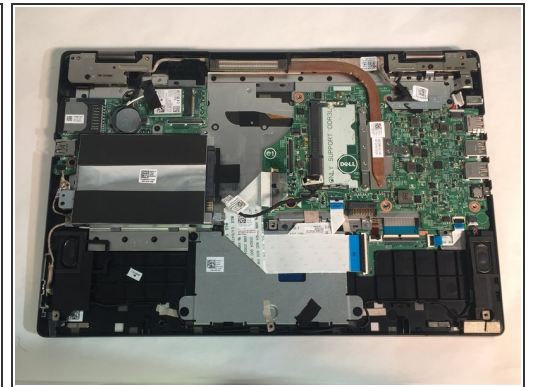
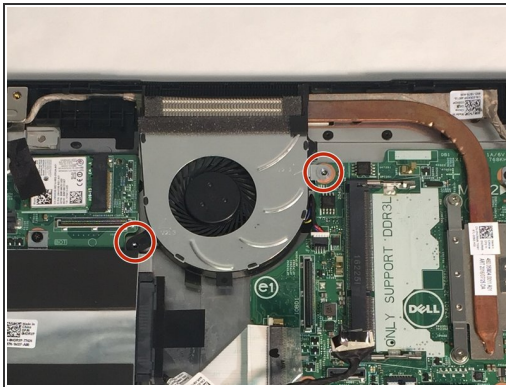
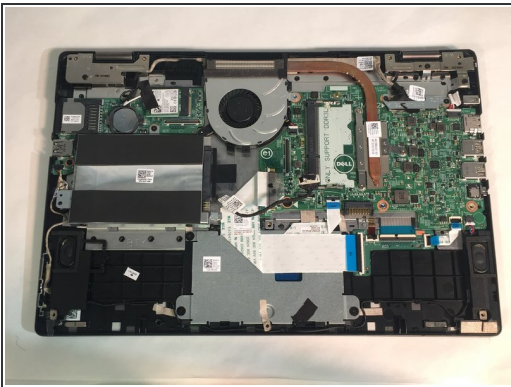
- Pry open the clips and remove the RAM.

Step 7 — Fan



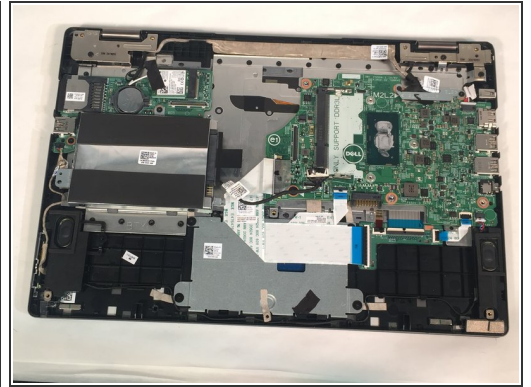
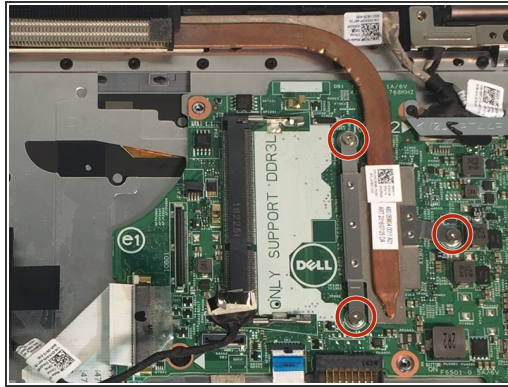
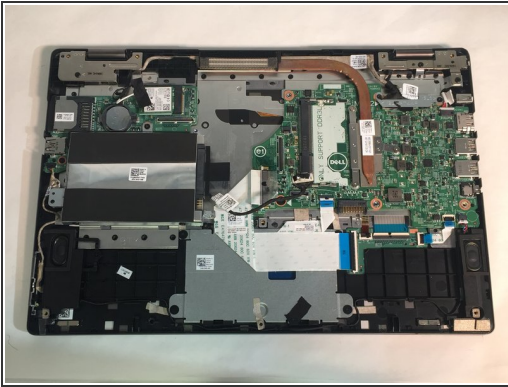
- Unplug the daughter board cable in two places marked in red, then remove it.
- Unplug the fan cable marked in orange.

Step 8



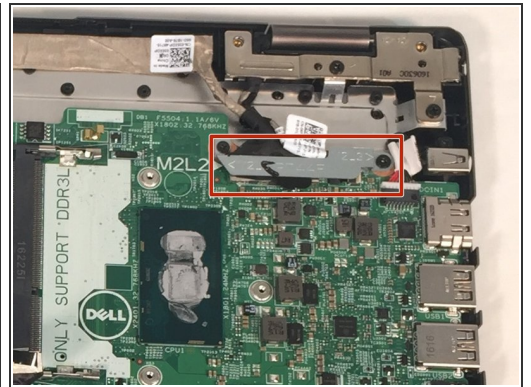
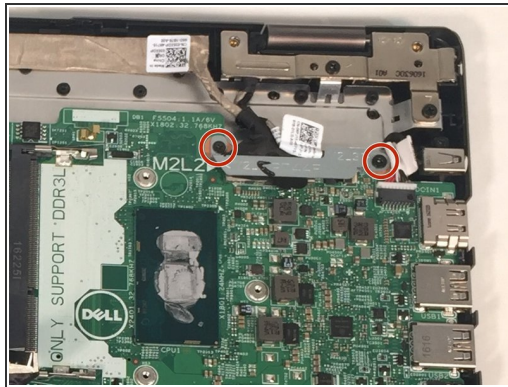
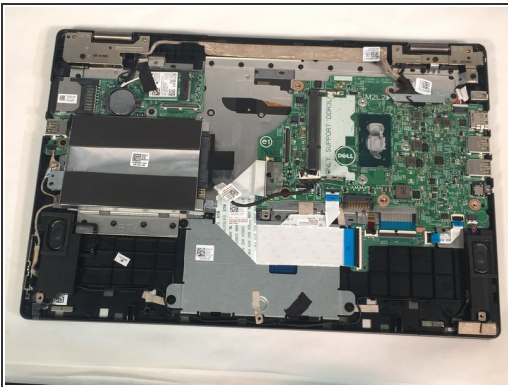
- Remove 1 MR 3mm screw, using the Phillips 1 screwdriver, on the cooling fan.
- Remove 1 M2 2mm wafer screw, using the Phillips 1 screwdriver, on the cooling fan.
- Remove the cooling fan.

Step 9 — Heat Sink



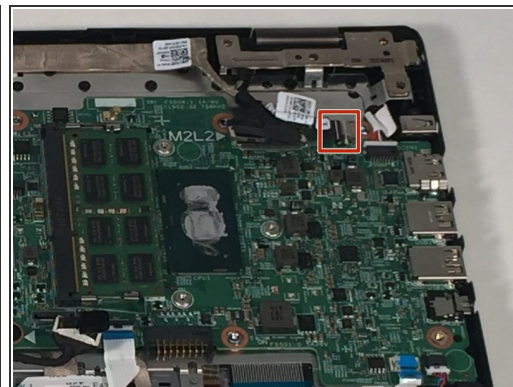
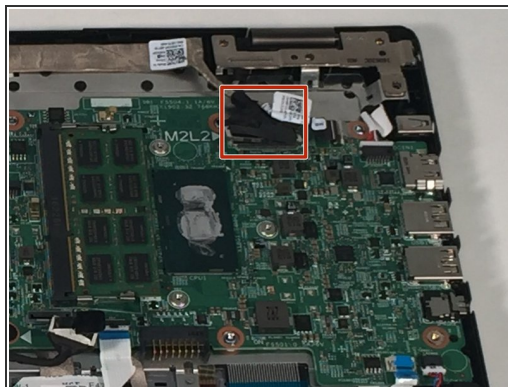
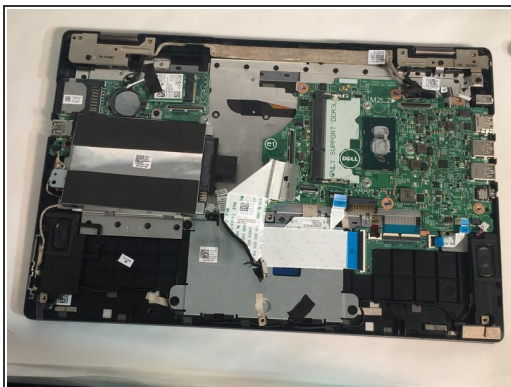
- Remove 3 M2 2mm screws, using the Phillips 0 screwdriver, on the heat sink.
- Remove the heat sink.

Step 10 — Motherboard



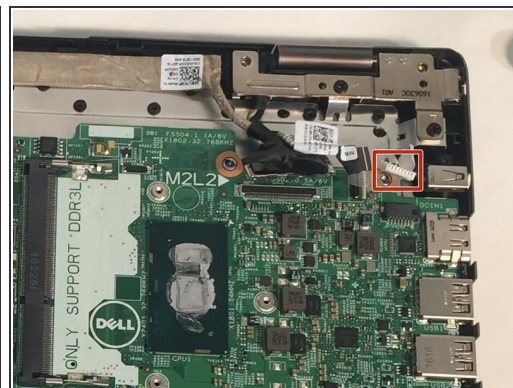
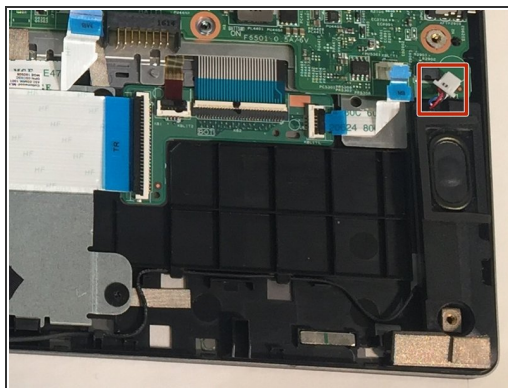
- Remove 2 M2 3mm bracket screws, using the Phillips 1 screwdriver, on the LCD cable bracket.
- Remove the LCD cable bracket.

Step 11



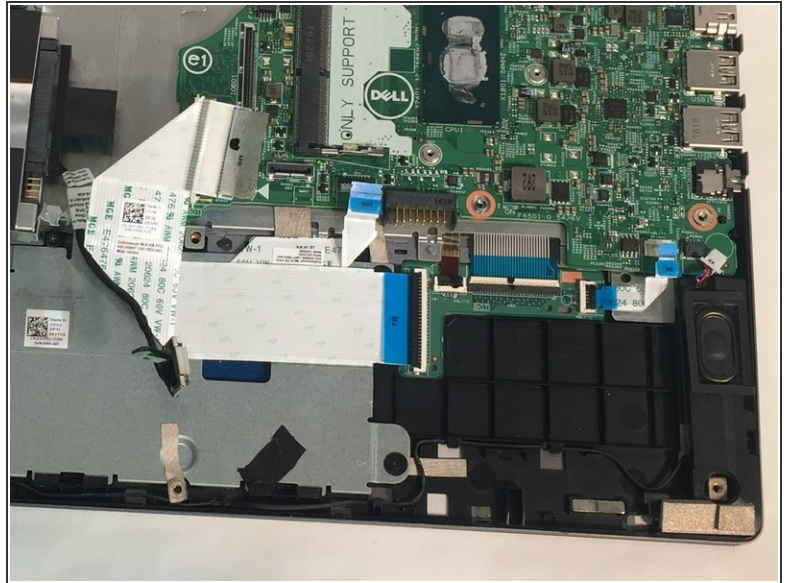
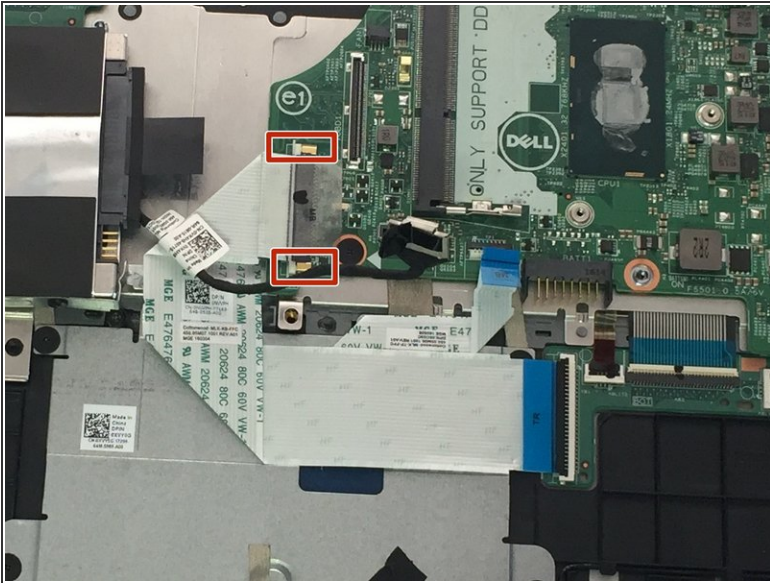
- Unplug the LCD cable.
- Unplug the touchscreen cable.

Step 12



- Unplug the DC Jack cable.
- Unplug the speaker cable.

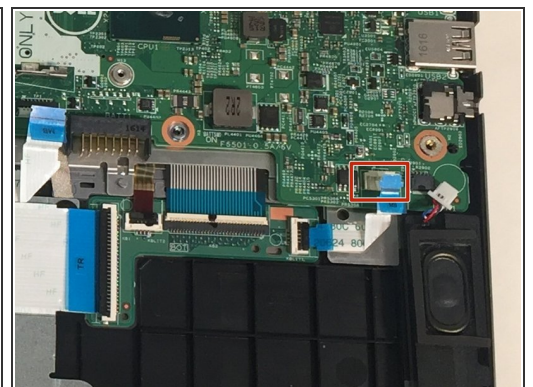
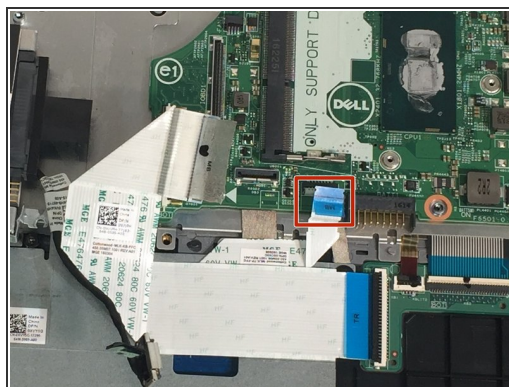
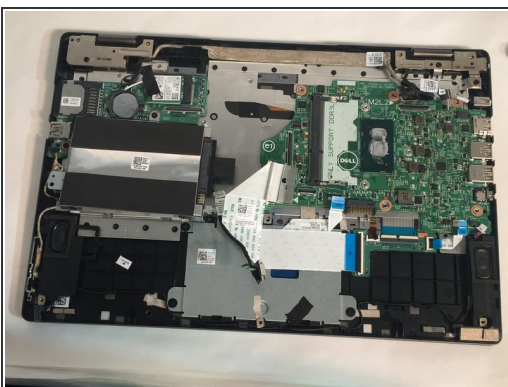
Step 13



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

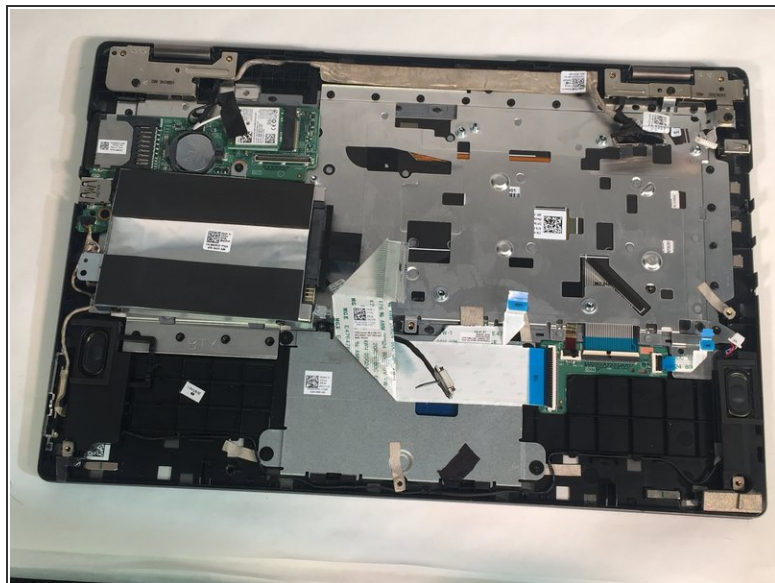
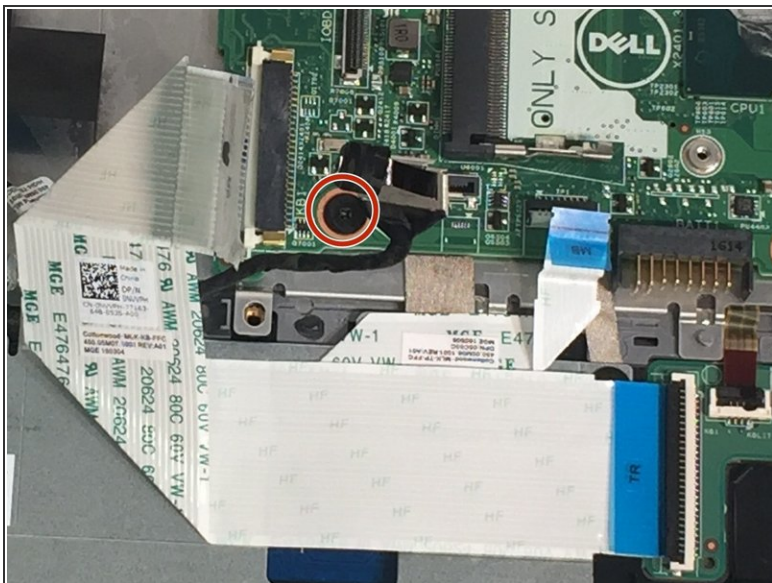
- Loosen the top of the keyboard tape.
- Loosen the keyboard cable latches with a screwdriver for easier access.
- Unplug the keyboard cable.

Step 14



- Unplug the touchpad cable.
- Unplug the keyboard backlight cable.

Step 15



- Remove 1 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.