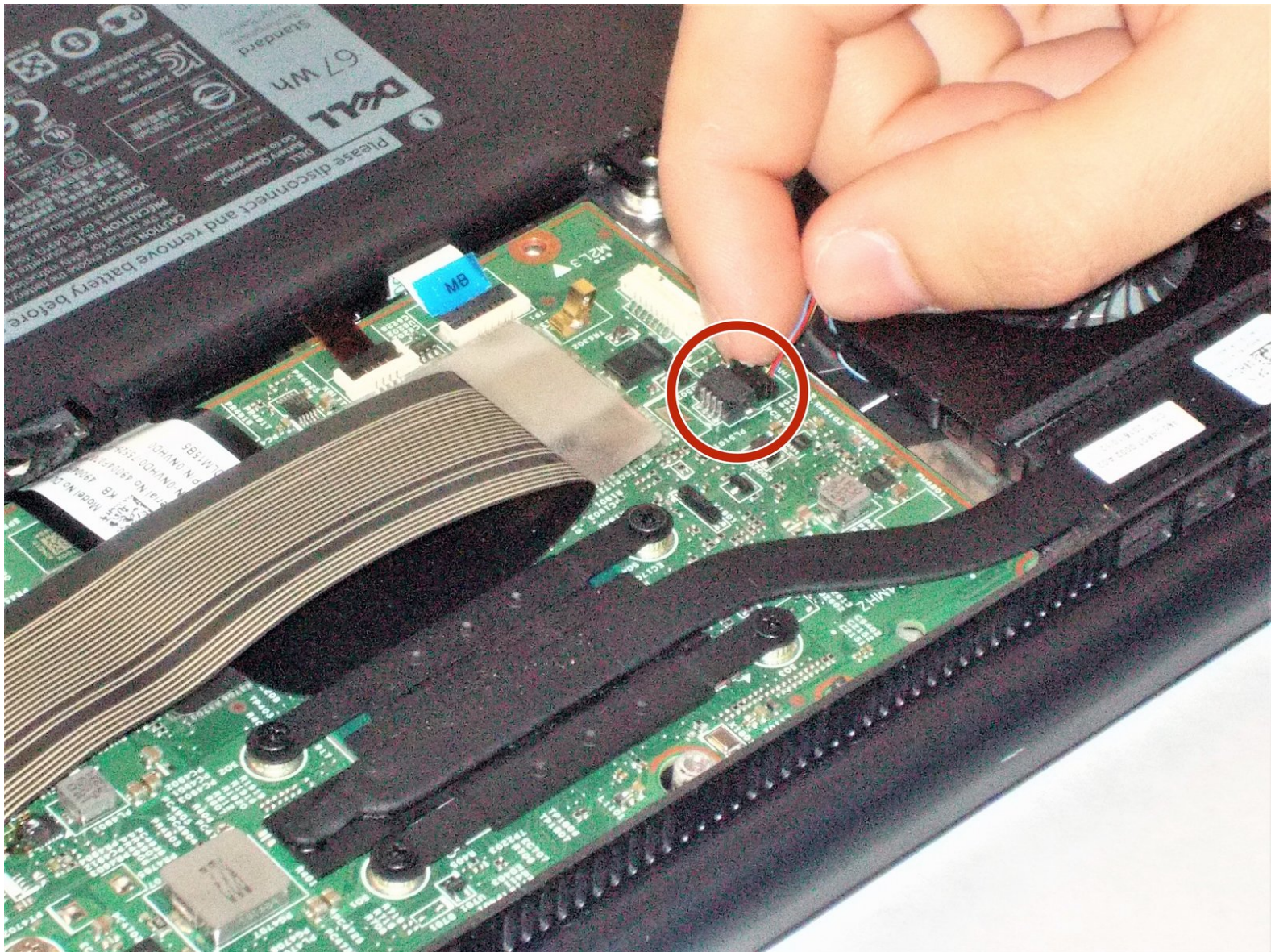# Dell Chromebook 13-7310 Motherboard Replacement

A replacement guide for the motherboard on the Dell Chromebook 13-7310.

Written By: Brett Raymond

This document was generated on 2020-11-28 07:09:33 AM (MST).

INTRODUCTION

A damaged motherboard is a serious issue and can be a hassle to fix, but it doesn't have to be! By following the quick and easy motherboard replacement guide you can have your Chromebook working again in no time!

TOOLS:

- Phillips #1 Screwdriver (1)
- Spudger (1)
- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

This document was generated on 2020-11-28 07:09:33 AM (MST).

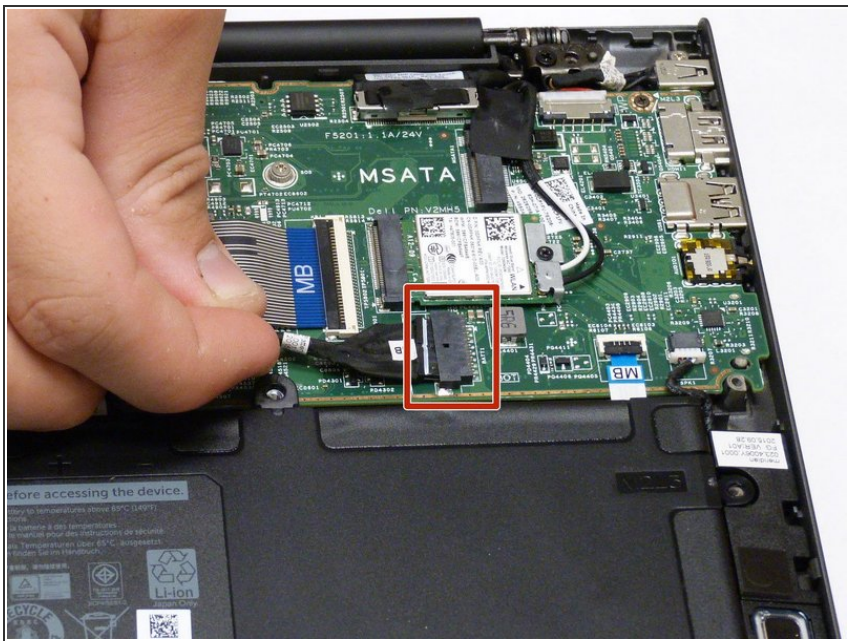| www.iFixit.com |

Step 1 — Back Cover
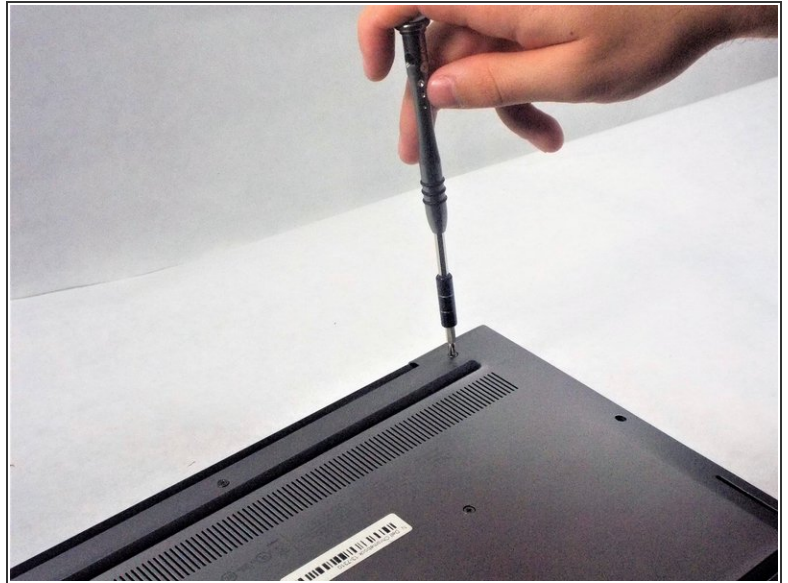
- Remove the eleven 3mm Phillips #1 screws.

Step 2

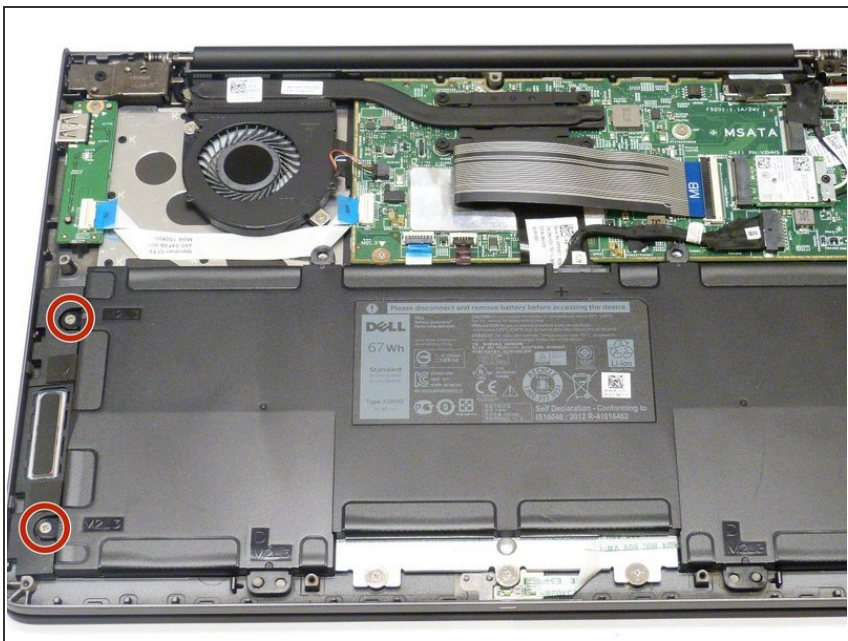
- Use a plastic opening tool to gently remove the back panel.

- ⓘ It can be easier to pry open near a corner.

This document was generated on 2020-11-28 07:09:33 AM (MST).

Step 3 — Battery

- Use your fingers to remove the connecting cable to the battery unit. Firmly grab the cord closest to the motherboard connection and pull straight back.

Step 4

- Remove the four 2mm screws on the sides of the battery.

Step 5

- To remove the battery, lift up on one side to get your fingers underneath and lift away.
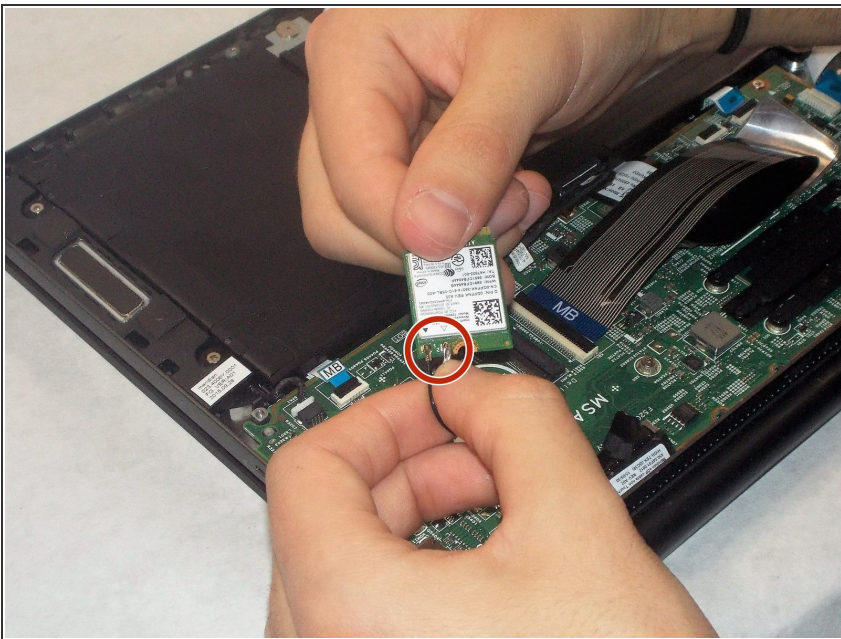
Step 6 — Network Card

- Use #1 Phillips screwdriver to remove the 1mm screw in the network card.

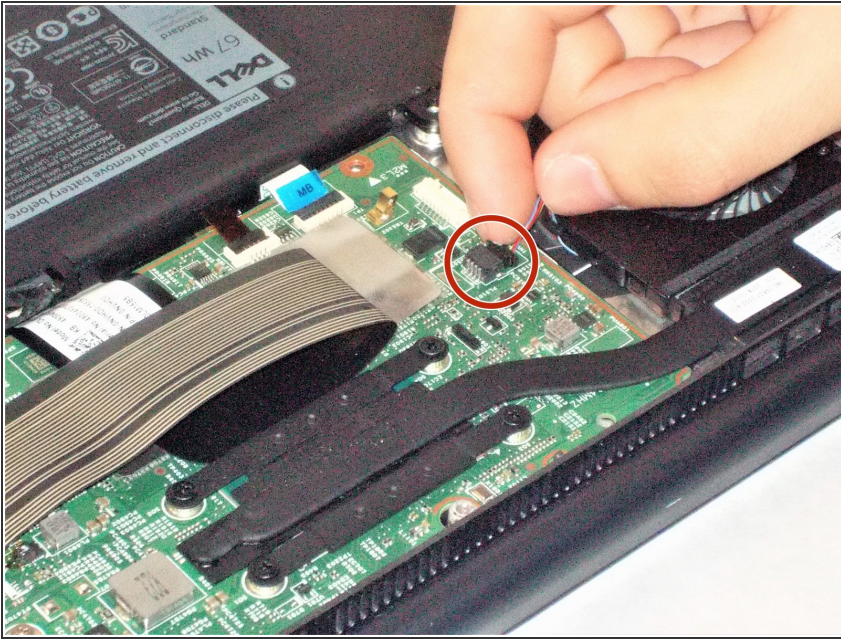This document was generated on 2020-11-28 07:09:33 AM (MST).

Step 7

- Disconnect the network card from motherboard socket.

Step 8

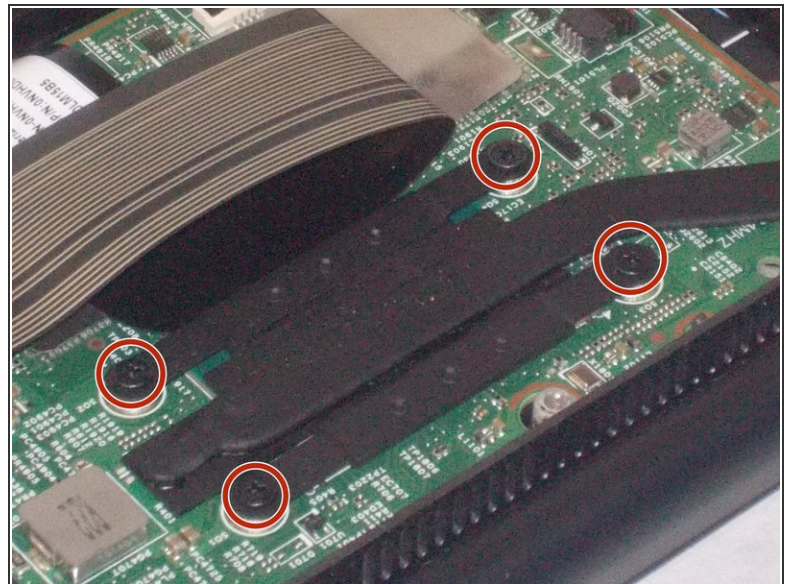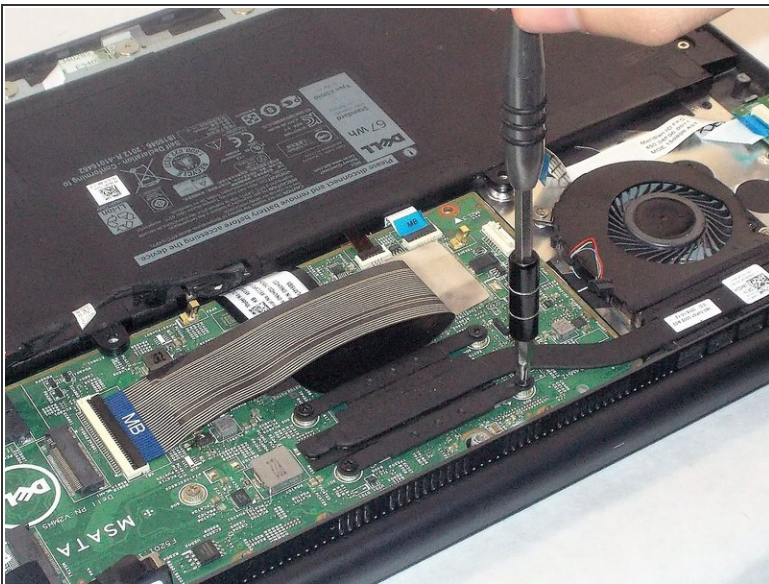

- Disconnect 2 cable connectors from network card.

- (i) If the cables are stuck, continue to gently wiggle them until they disconnect.

www.iFixit.com
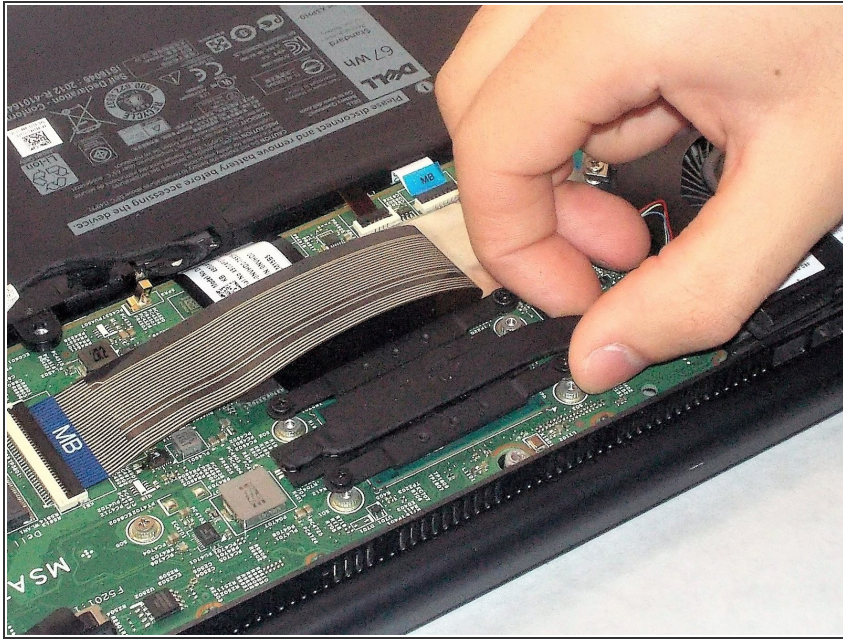
Step 9 — Motherboard

- Gently pull to unplug fan connector.
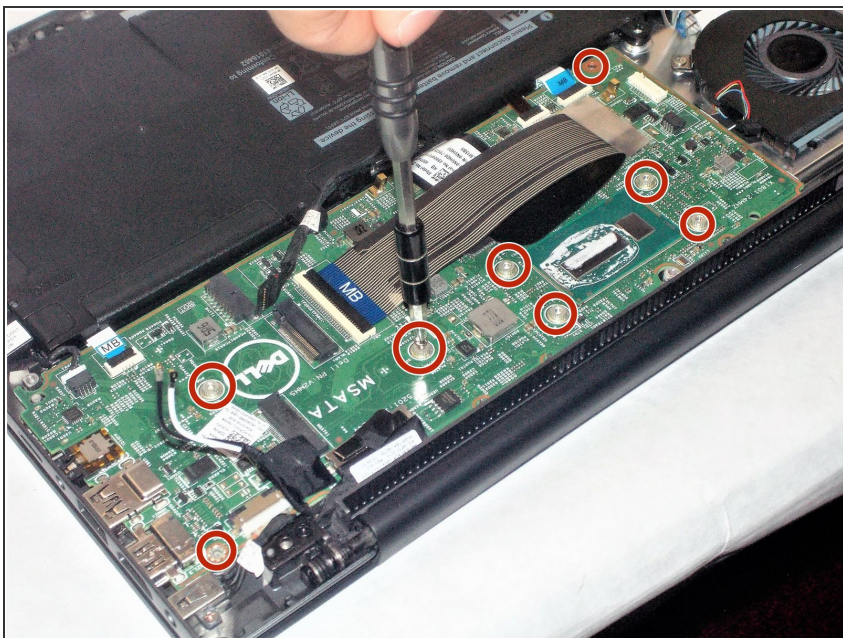
Step 10

- Remove 4 screws securing heat sink.
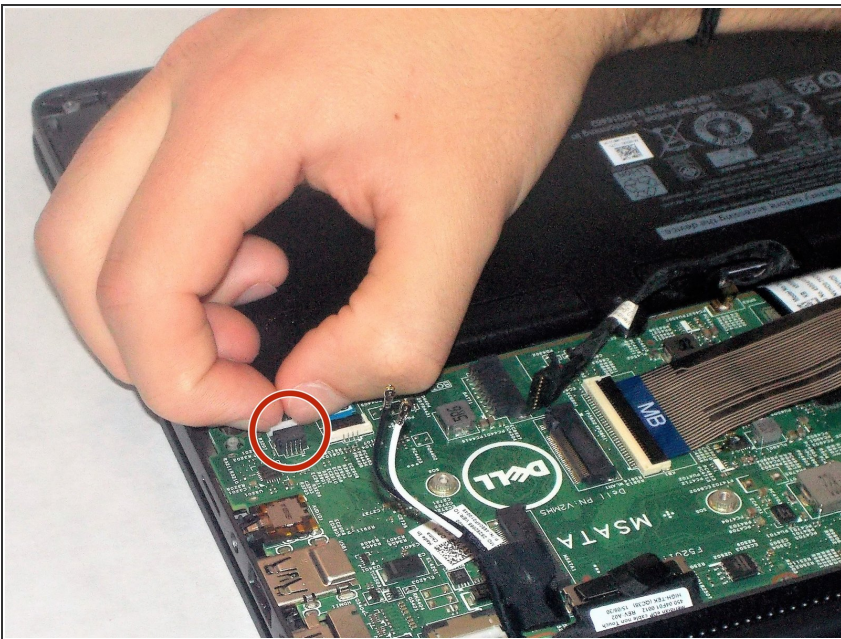
Step 11

● Lift away heat sink.

Step 12

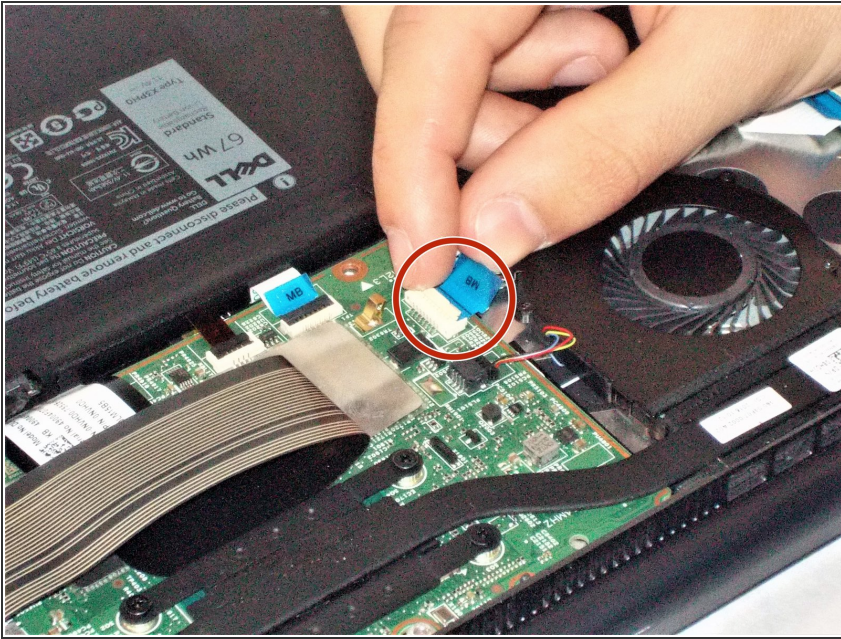● Remove the eight 2mm screws securing the motherboard in place.

Step 13

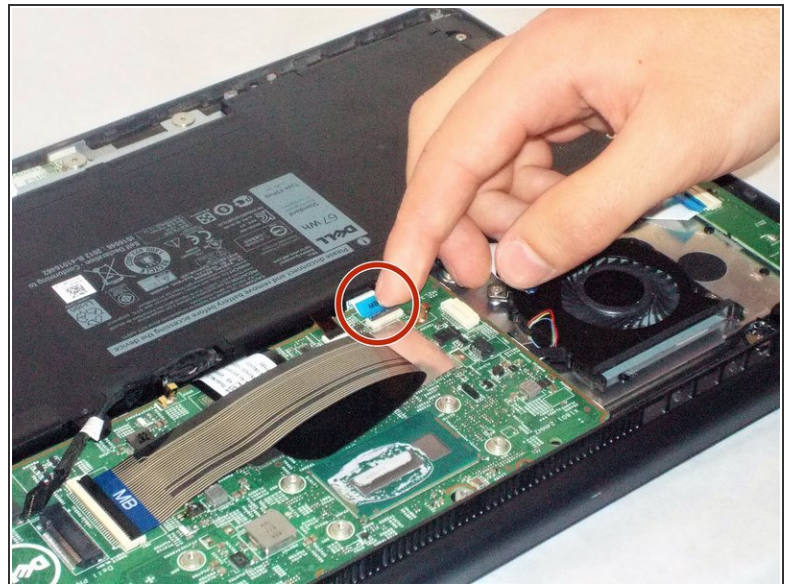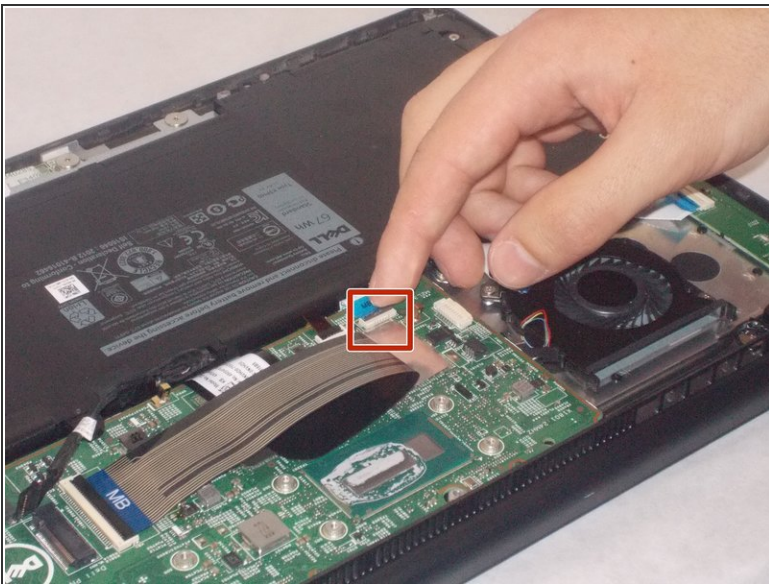- Release cable for the LED charging indicator by pulling up on connector.

Step 14

- Gently remove the cable.

This document was generated on 2020-11-28 07:09:33 AM (MST).

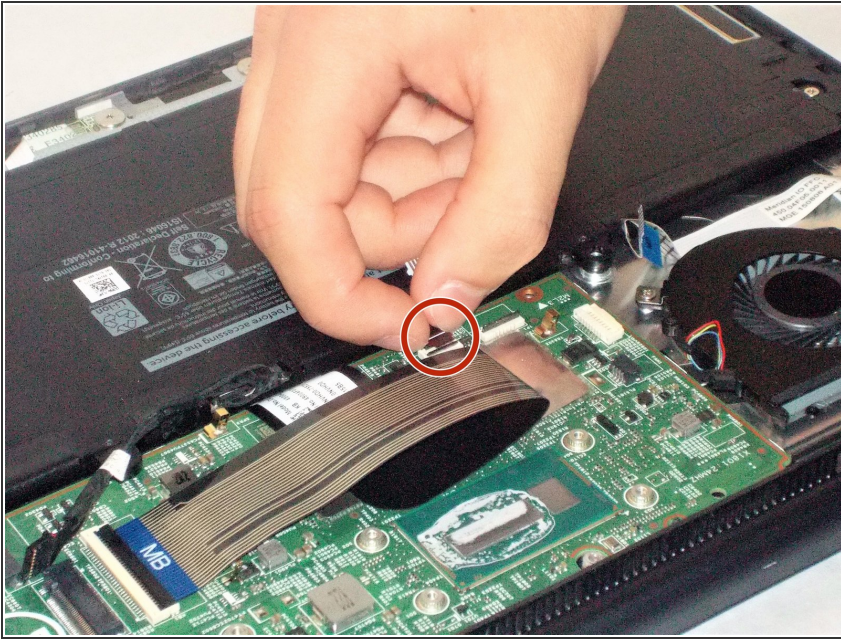© iFixit — CC BY-NC-SA   www.iFixit.com   Page 9 of 13

Step 15

- Pull up on connector tab to release IO board cable.

Step 16

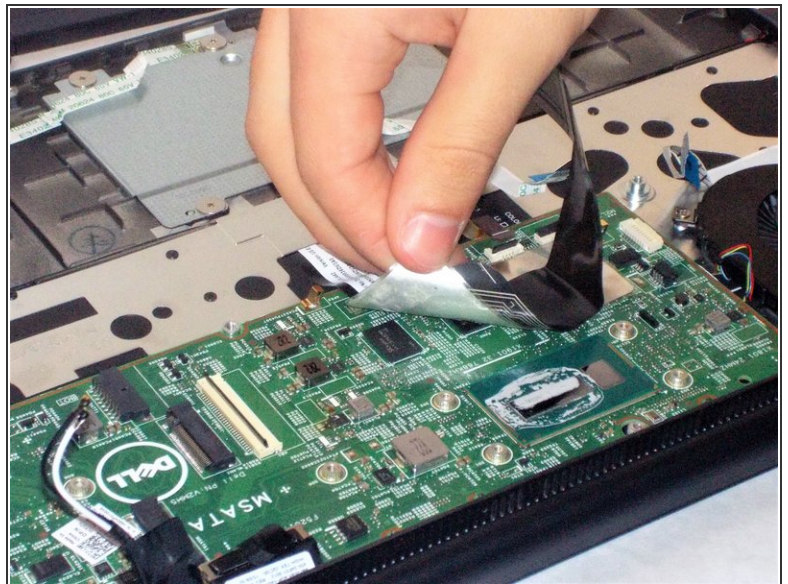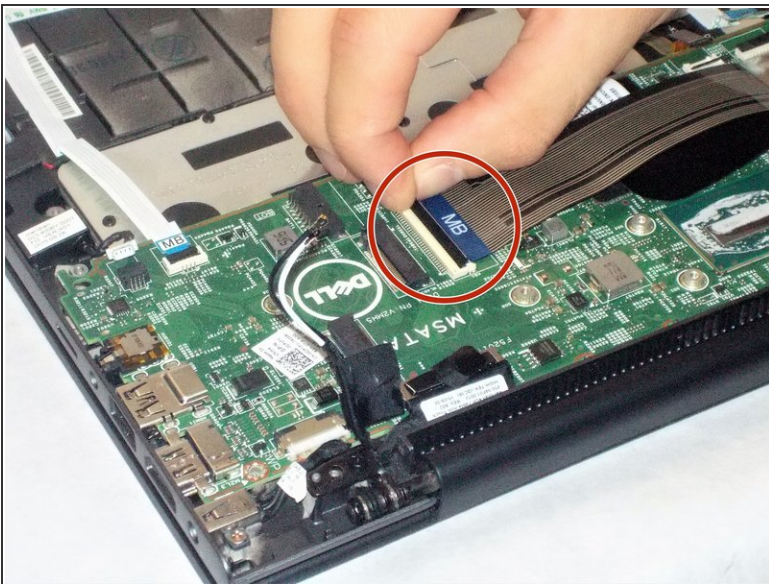- Pull up on connector tab to release touchpad cable.

This document was generated on 2020-11-28 07:09:33 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 10 of 13

Step 17

- Release the keyboard backlight cable.

Step 18

- Release the keyboard cable.

⚠ If taped to the motherboard, gently peel it off.

This document was generated on 2020-11-28 07:09:33 AM (MST).

Step 19
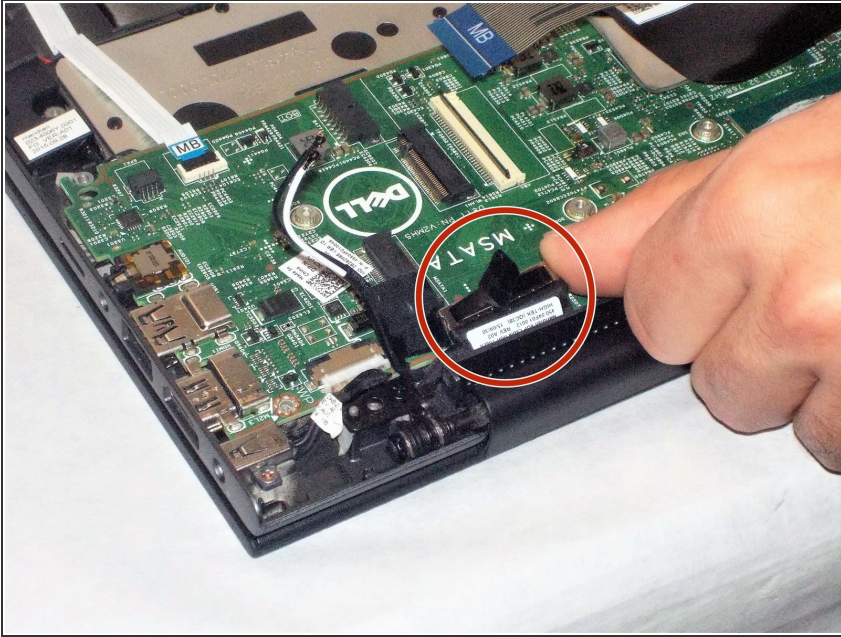
- Release eDP cable.

Step 20

- Release dc-in cable.

Step 21

- Gently lift up the motherboard to remove it.

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