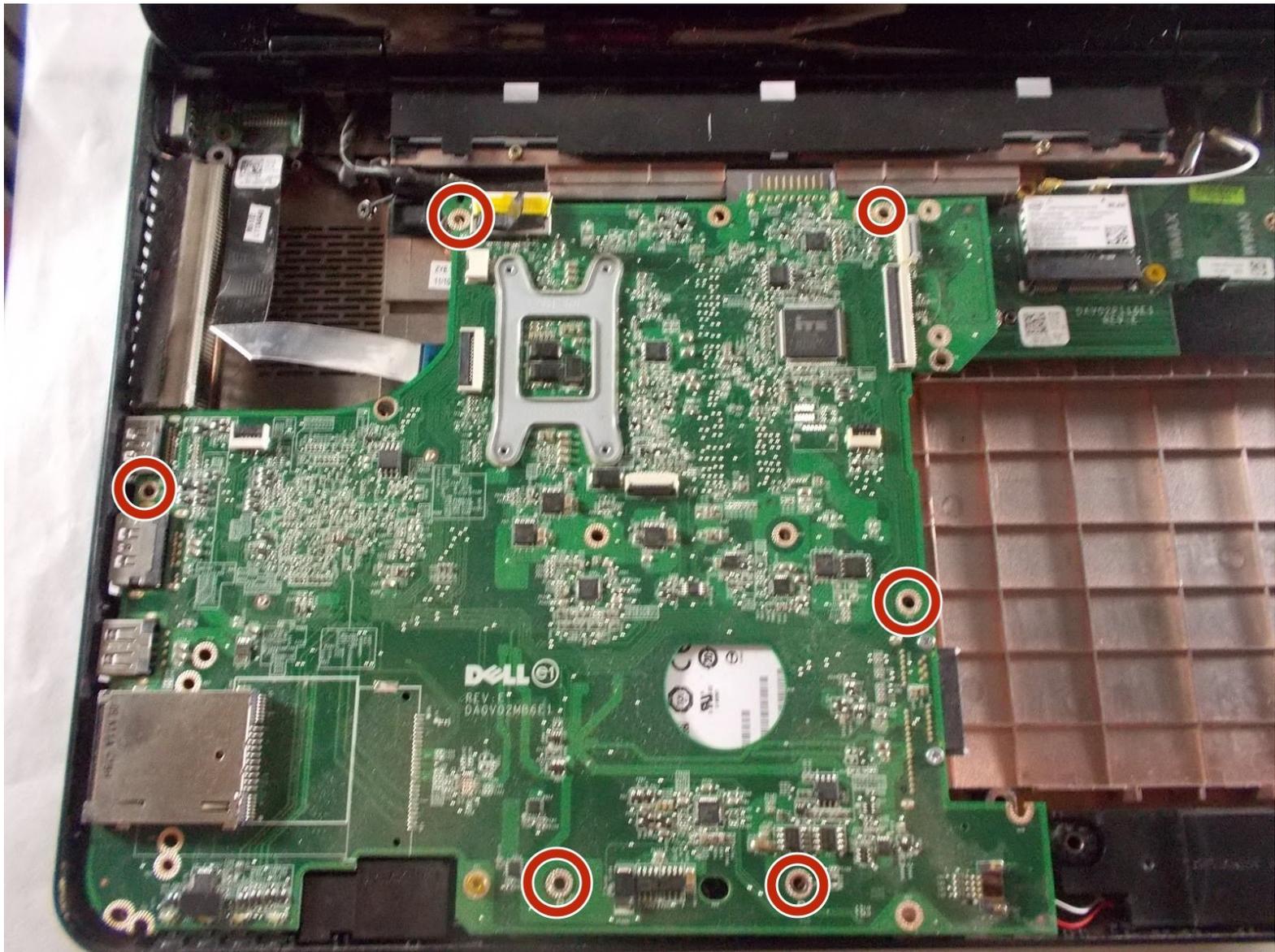




Dell Inspiron N4110 Motherboard Replacement

This guide assists users in replacing the motherboard within a Dell Inspiron N4110 laptop.

Written By: Olivia



INTRODUCTION

Is your motherboard damaged or are you looking for an upgrade? if so, this guide will show you how to locate and replace a motherboard.

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
-

Step 1 — Battery



- ⚠ Make sure the laptop is off and unplugged before starting this step.
- Locate the battery on the underside of the laptop.
- Push the two battery clips following the direction of the arrows.

Step 2



- Push upward from the base of the battery.

Step 3



- Pull battery away from computer until it is fully removed.

Step 4 — Fan



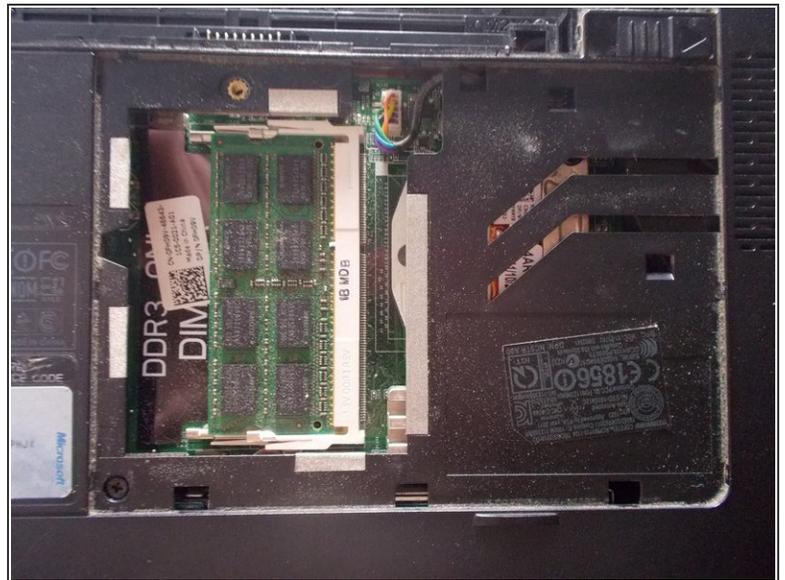
- Remove the 10 2.5x5 mm screws from the base of the laptop.

Step 5



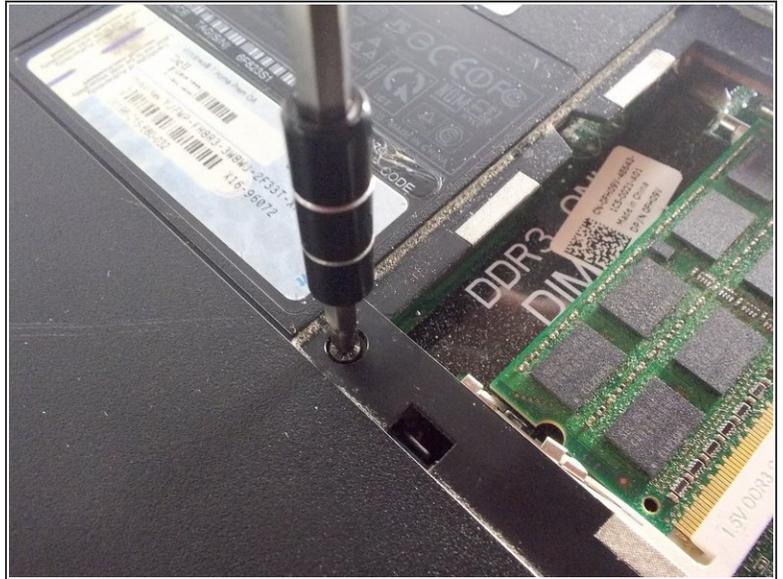
- Unscrew the final 2.5x5 mm screw attached to the cover.
- ⓘ The screw does not detach from the cover. Make sure the screw is fully unscrewed before attempting to remove the cover.

Step 6



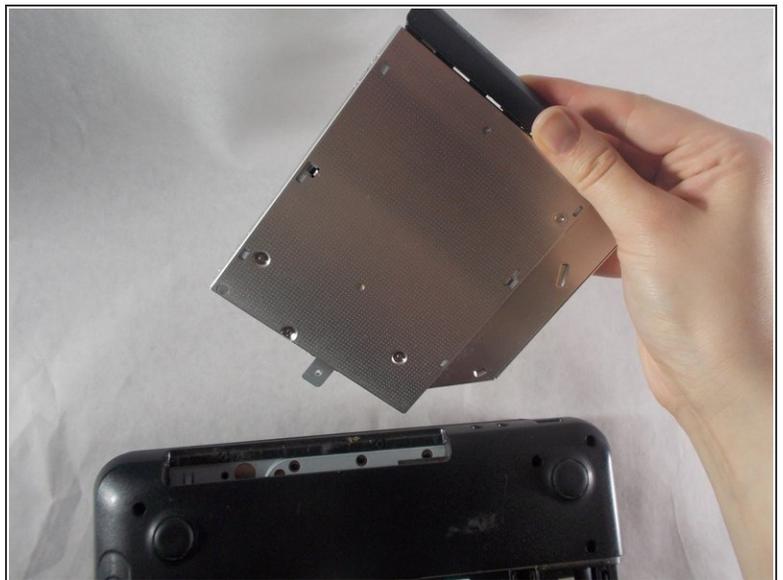
- Remove the cover from the laptop.

Step 7



- Unscrew the 2.5x5 mm screw inside the RAM compartment.

Step 8



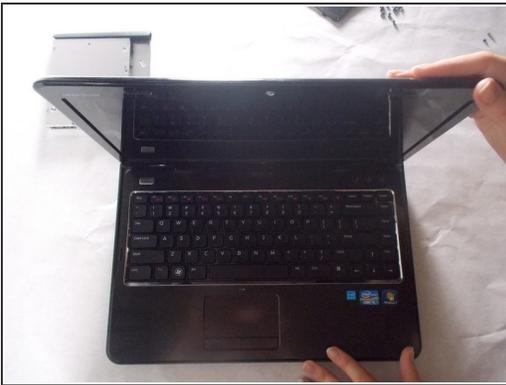
- Remove the disk drive from the side of the computer.
- ⓘ There is no need to press the button, the drive will come out.

Step 9



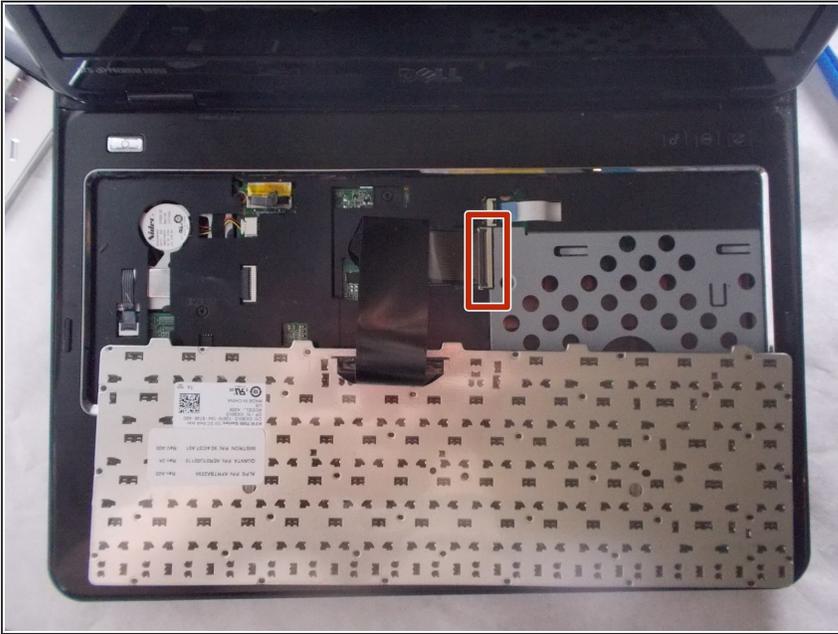
- Unscrew the two 2x3 mm screws inside the disk drive compartment.

Step 10



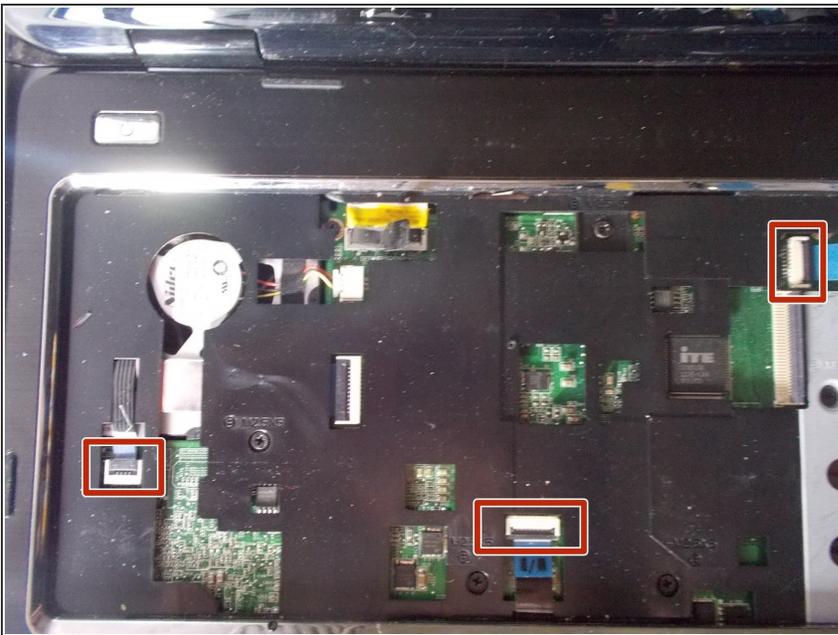
- Flip the computer over, and open the laptop.
 - Use a plastic opening tool to begin to remove the keyboard.
 - Use your hands to finish separating the keyboard from the laptop.
- i** This can be a bit challenging, but it will come loose.

Step 11



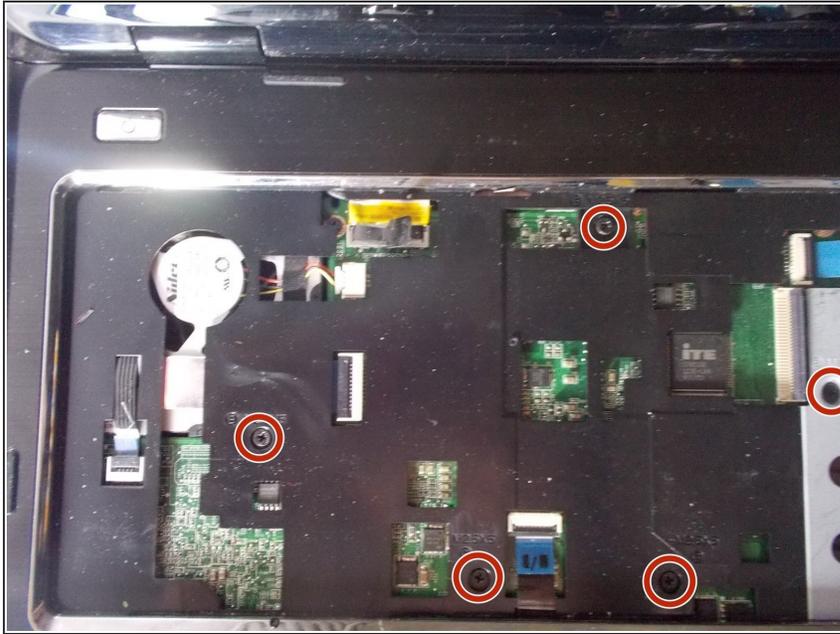
- Lift the black clip from the tan connection for the keyboard.
- Pull the the connection away from the clip.
- Move the keyboard away from the laptop.

Step 12



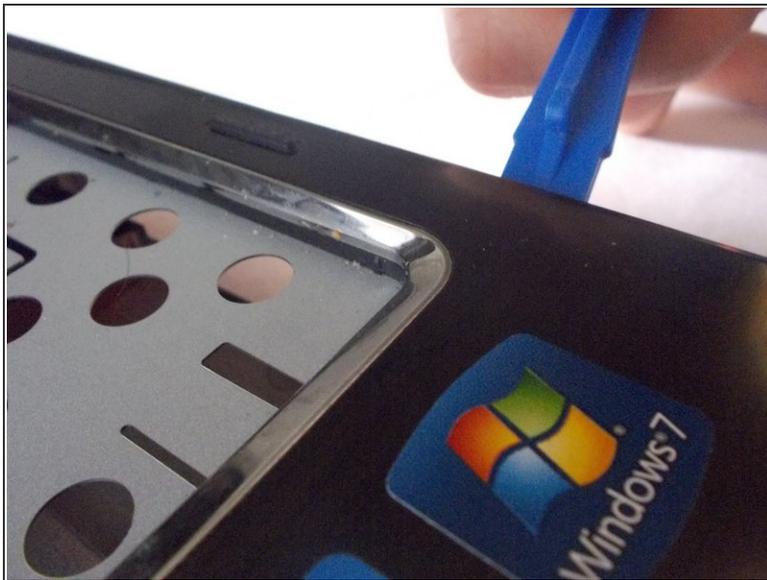
- Lift the black clips from the tan connections for all 3 locations marked.
- Remove the connections from the clips.

Step 13



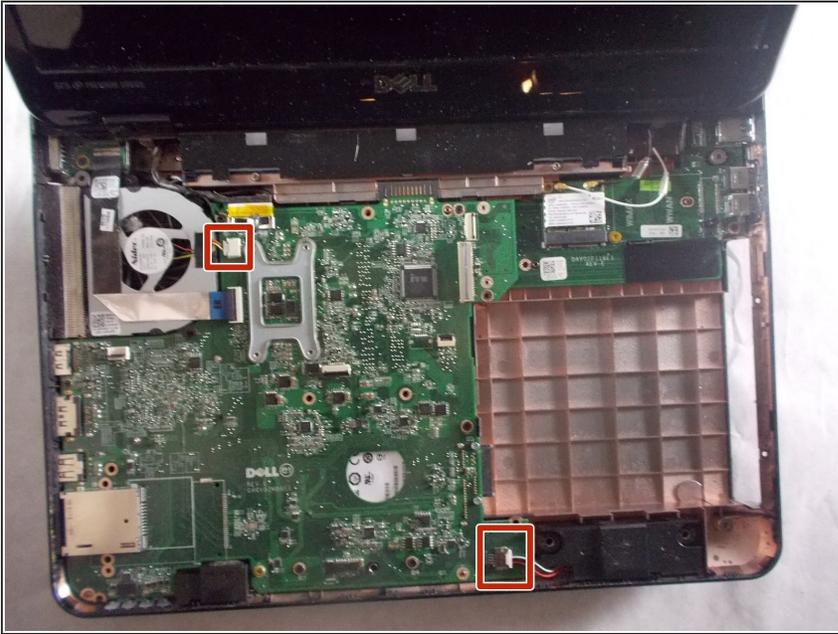
- Unscrew the five 2.5x5 mm screws.

Step 14



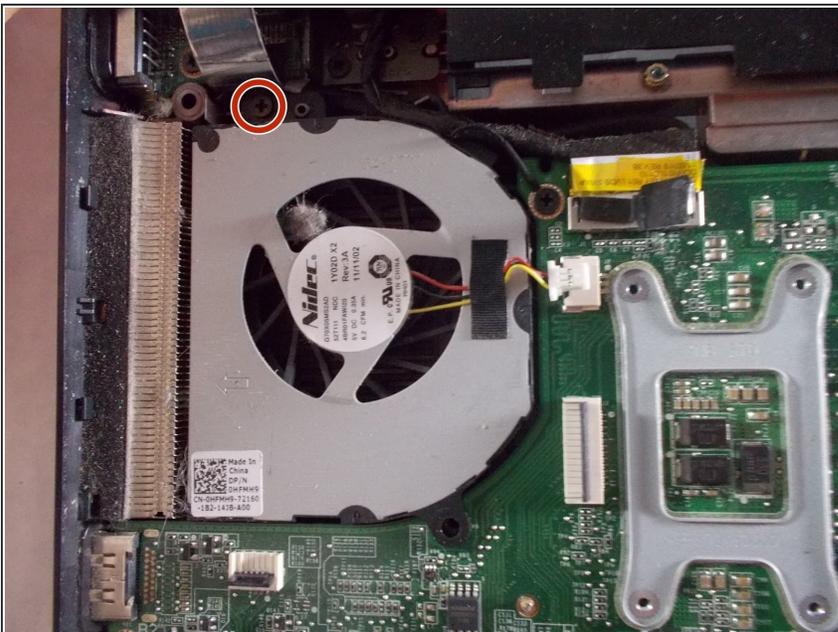
- Use plastic opening tools to remove base cover.
- Use your hands to fully remove cover from the base.
- ⓘ This may be difficult, but it is possible.

Step 15



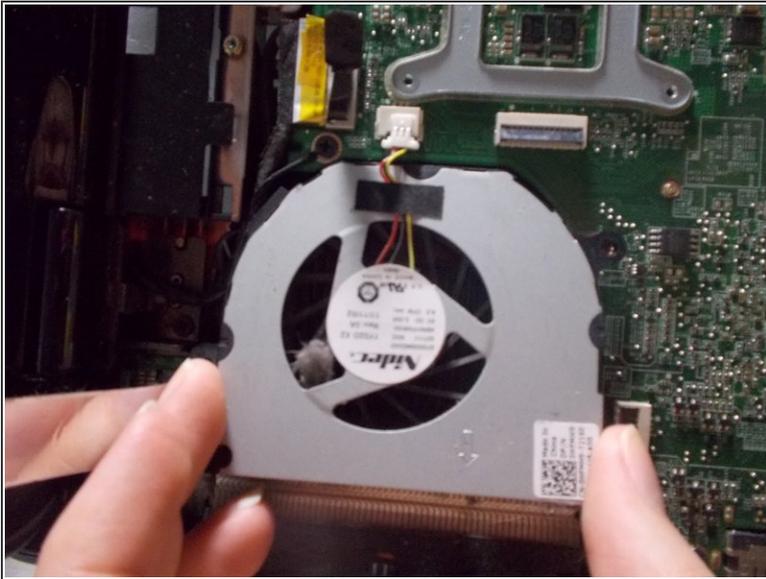
- Disconnect the two cables that connect the speaker and the fan.
- ⓘ These can just be pulled out, they do not have clips.

Step 16



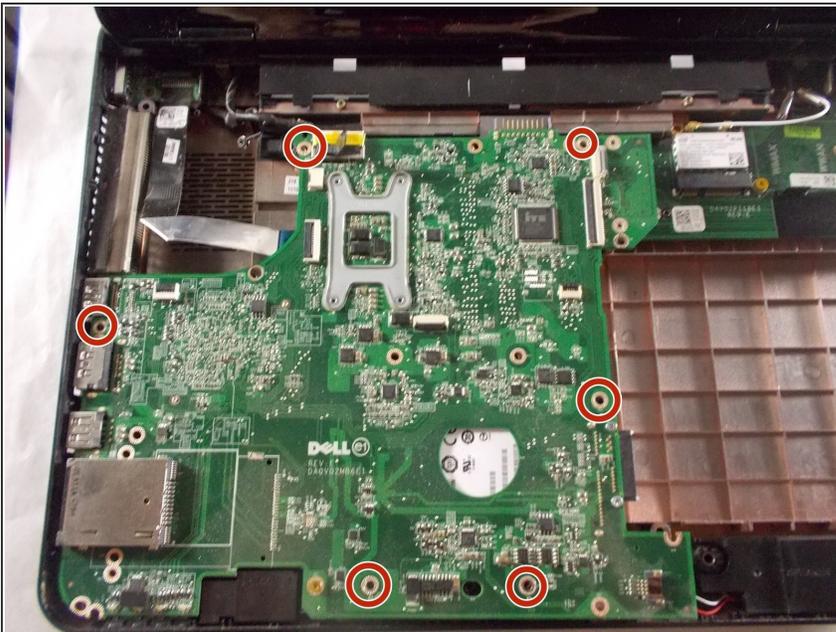
- Unscrew the 2.5x5 mm screw from the fan.

Step 17



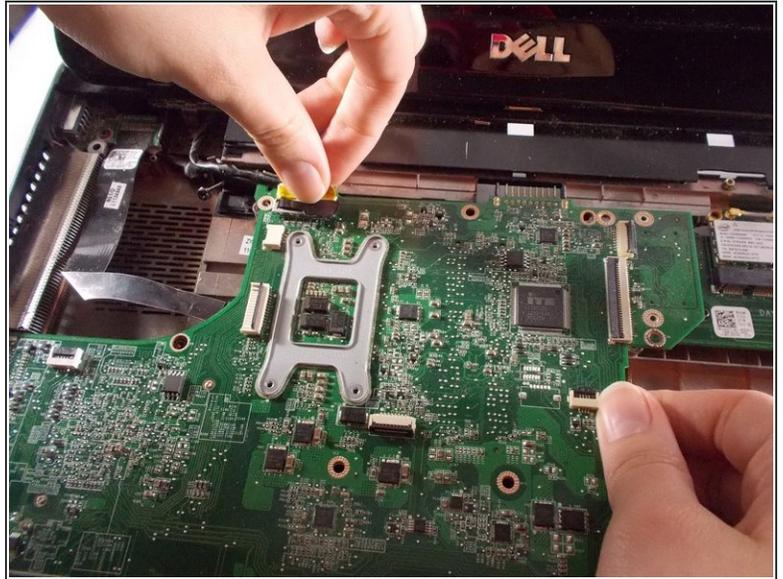
- Pull up and remove the fan from the laptop.

Step 18 — Motherboard



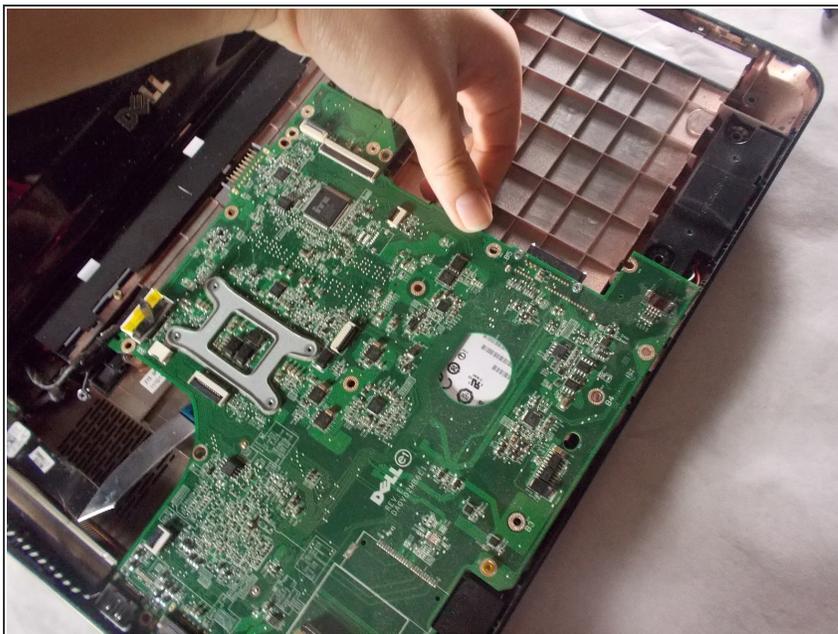
- Unscrew the six 2.5x3mm screws from the motherboard.

Step 19



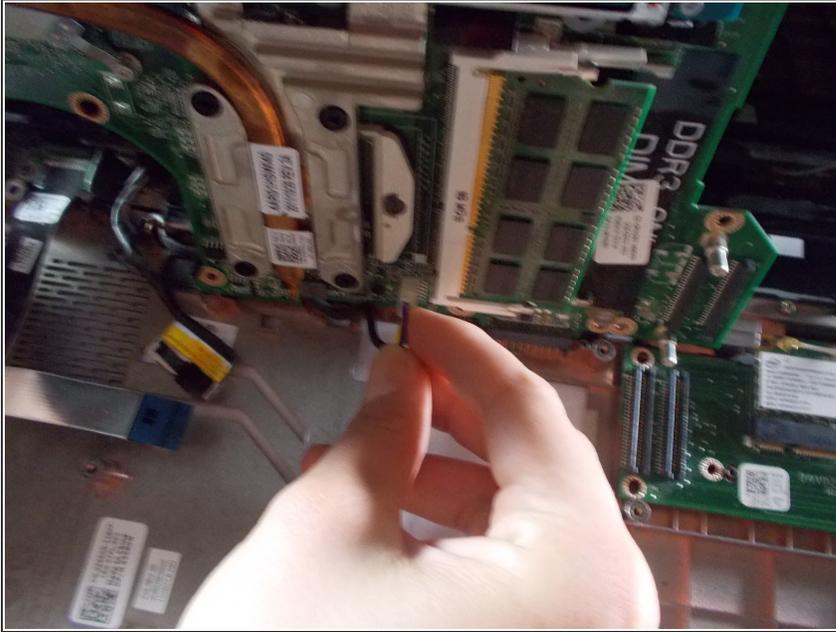
- Disconnect the black and yellow cable from the motherboard.

Step 20



- Begin to separate the motherboard from the laptop
- ⓘ Pull up to separate from the other internal pieces, and then pull to the right away from the case

Step 21



- Remove the final cable from the motherboard
- ⓘ This will allow the motherboard to fully come out of the computer

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