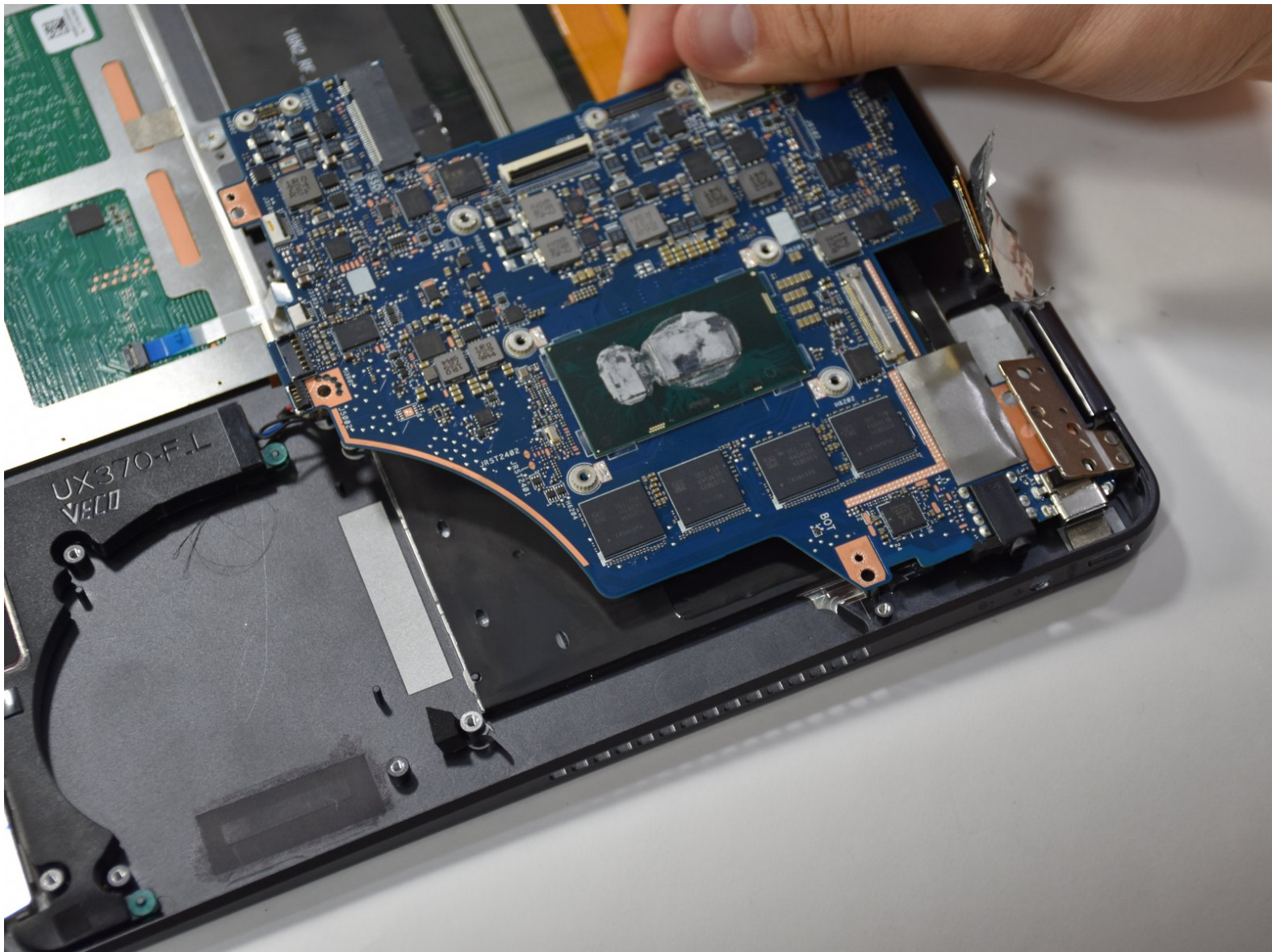




Asus Q325U Motherboard Replacement

How to replace the motherboard in an ASUS Q325U.

Written By: Miriam Miller



INTRODUCTION

This guide will show you the steps to replace the motherboard in an ASUS Q325U.

TOOLS:

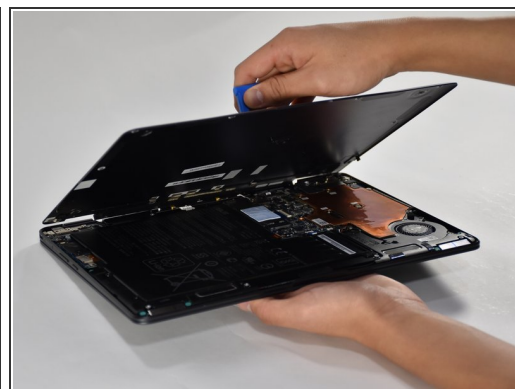
- [T5 Torx Screwdriver](#) (1)
 - [Suction Handle](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Back Panel



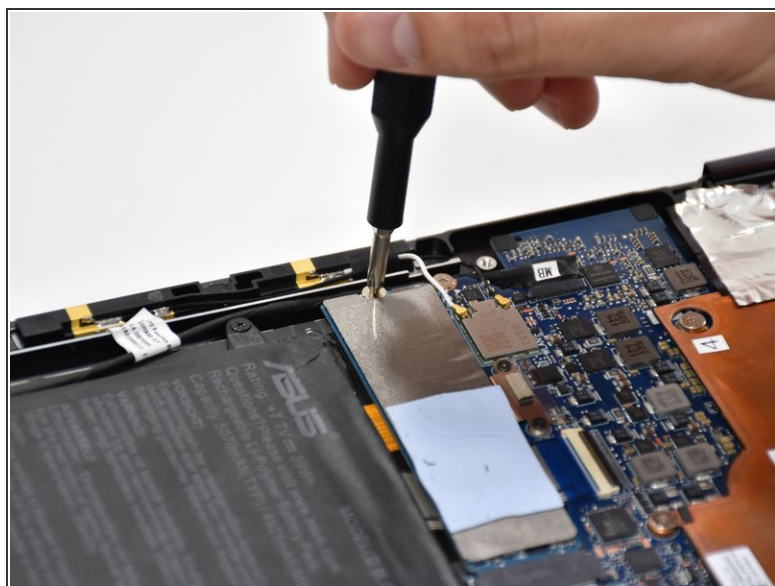
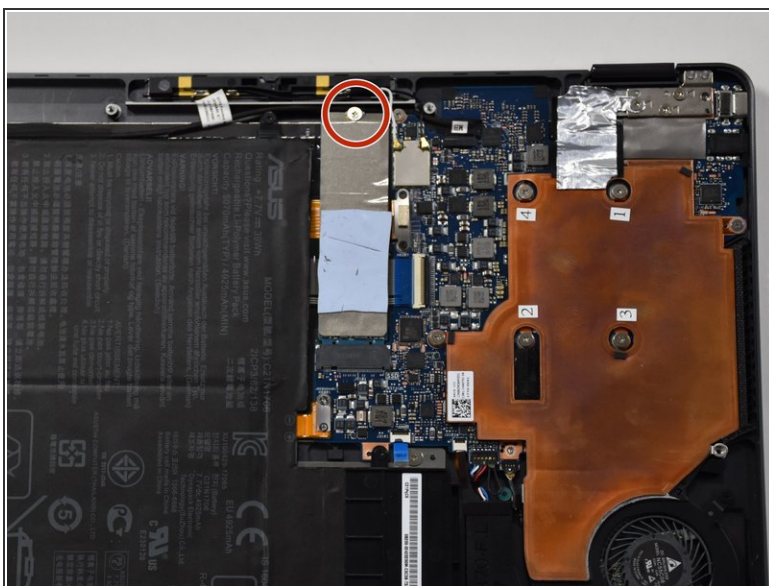
- Remove the ten 5mm screws using a T5 Torx screwdriver.

Step 2



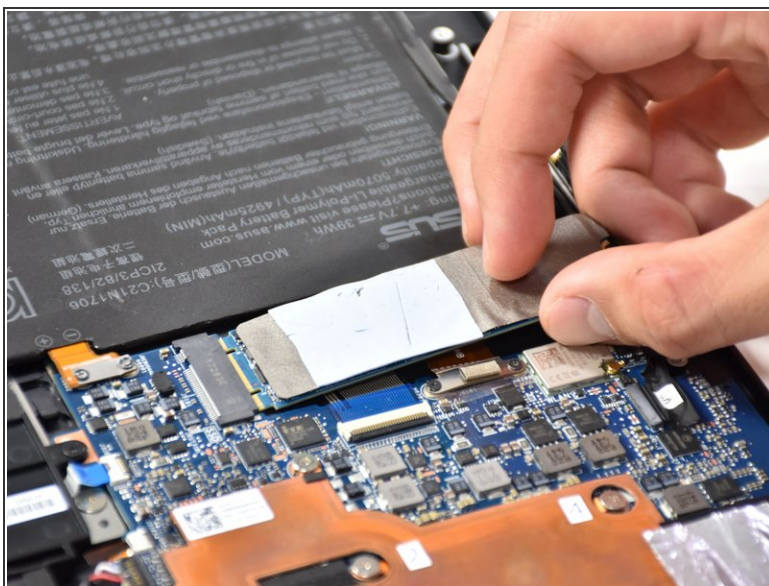
- Lift the back panel upward using the suction tool.

Step 3 — SSD



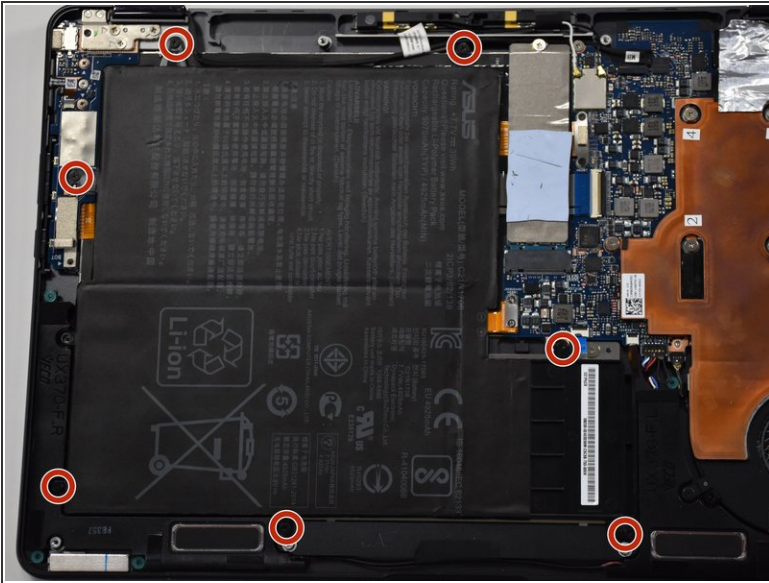
- Remove one 2mm screw on top of the SSD using a Phillips #1 screwdriver.

Step 4



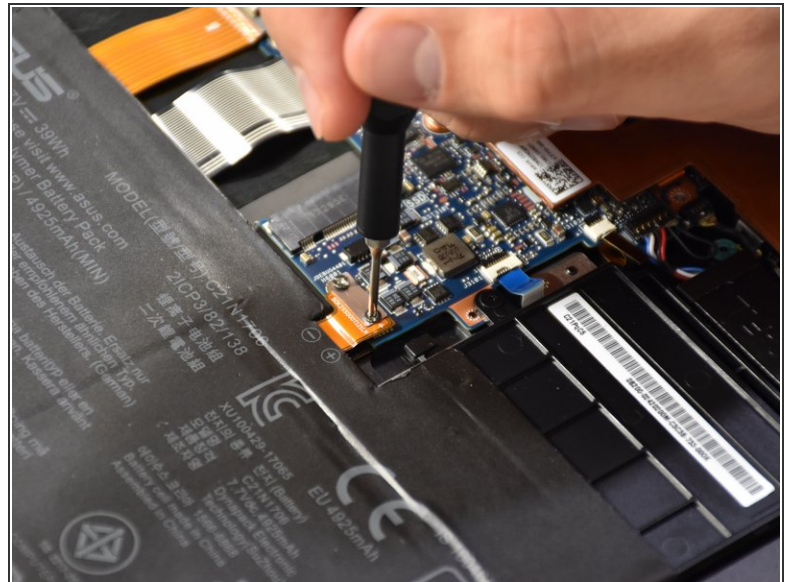
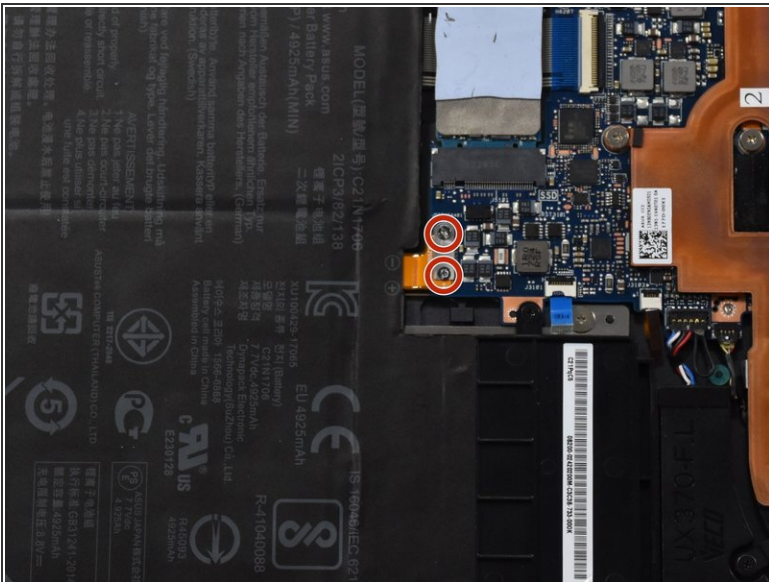
- Carefully slide and lift the SSD to remove it.

Step 5 — Battery



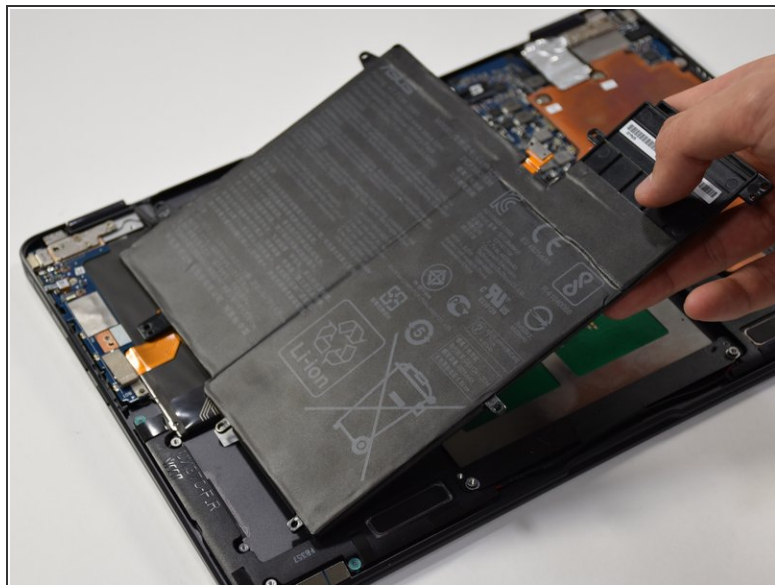
- Remove the seven 5mm screws around the battery using a Phillips #00 screwdriver.

Step 6



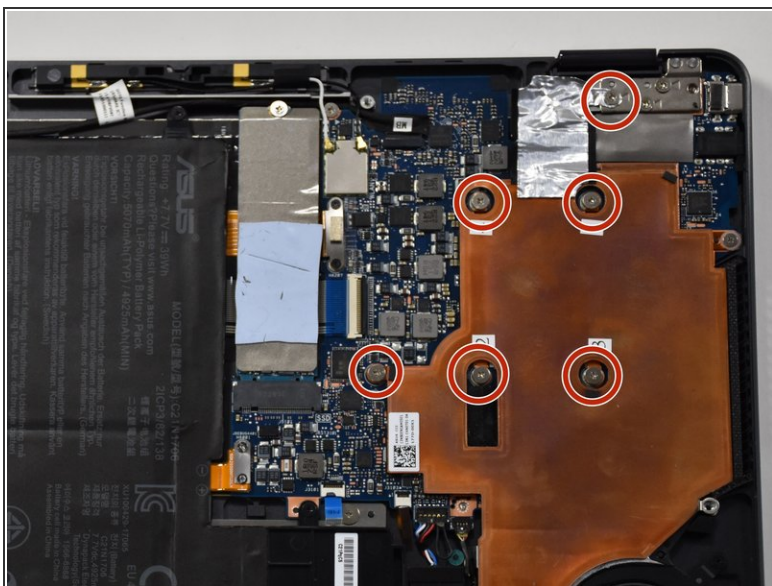
- Using a Phillips #000 screwdriver, remove the two 3mm screws on top of the orange battery connector.

Step 7



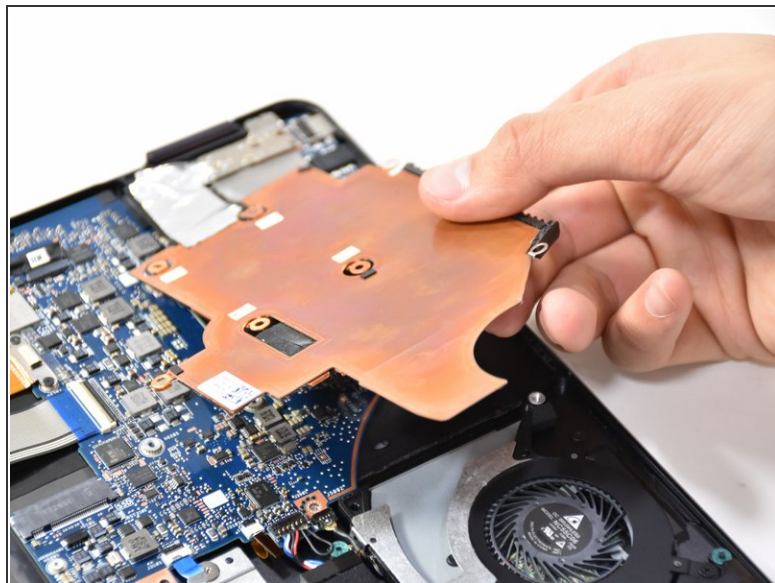
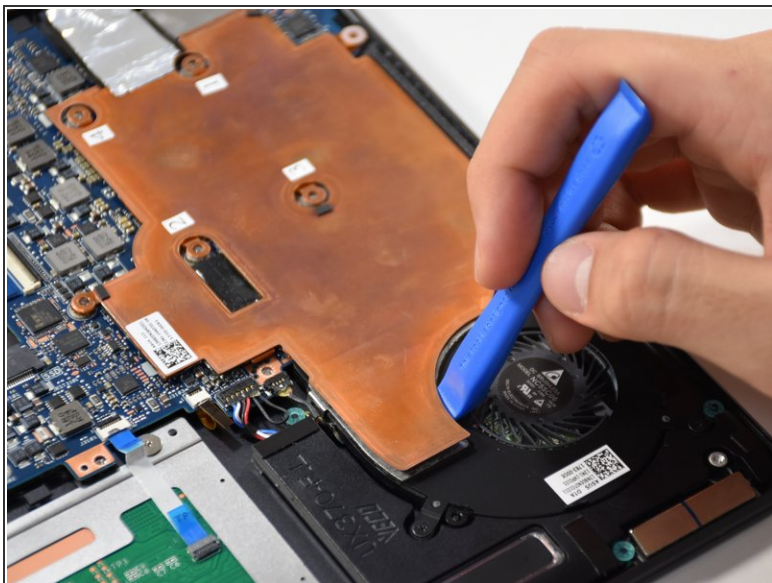
- Lift the battery out from the laptop.

Step 8 — Copper Plate



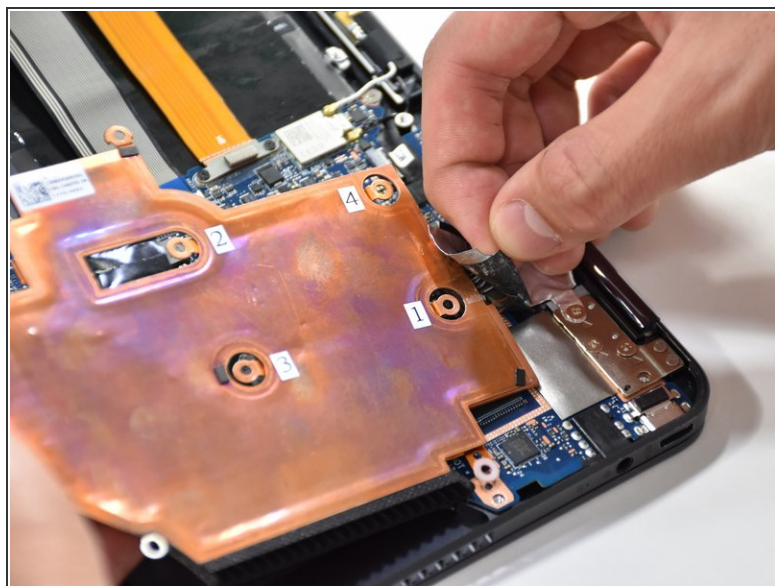
- Remove the six 3mm screws using a Phillips #00.

Step 9



- Use the plastic opening tool to lift up the edge. Pull upward on the edge.

Step 10



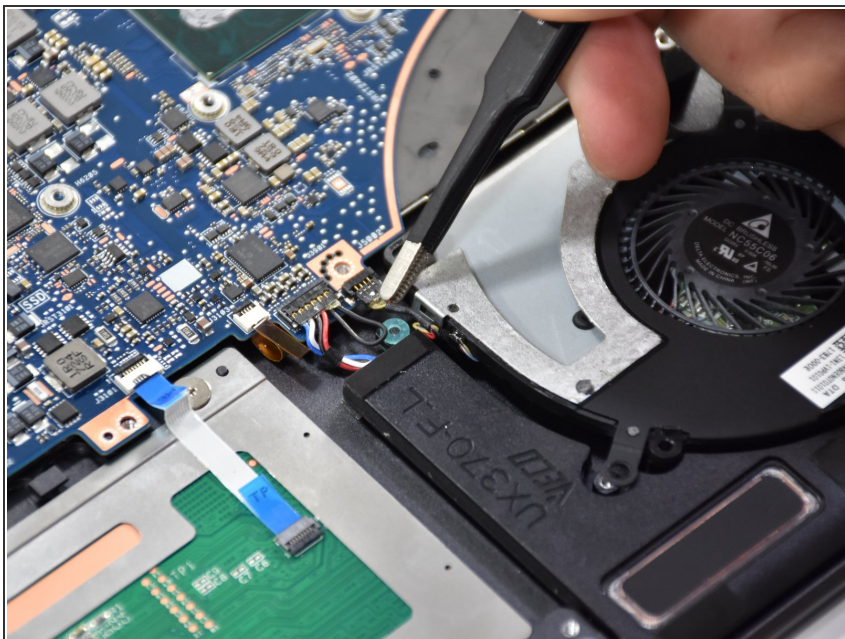
- On the other side of the plate, remove the tape.

Step 11 — CPU Fan



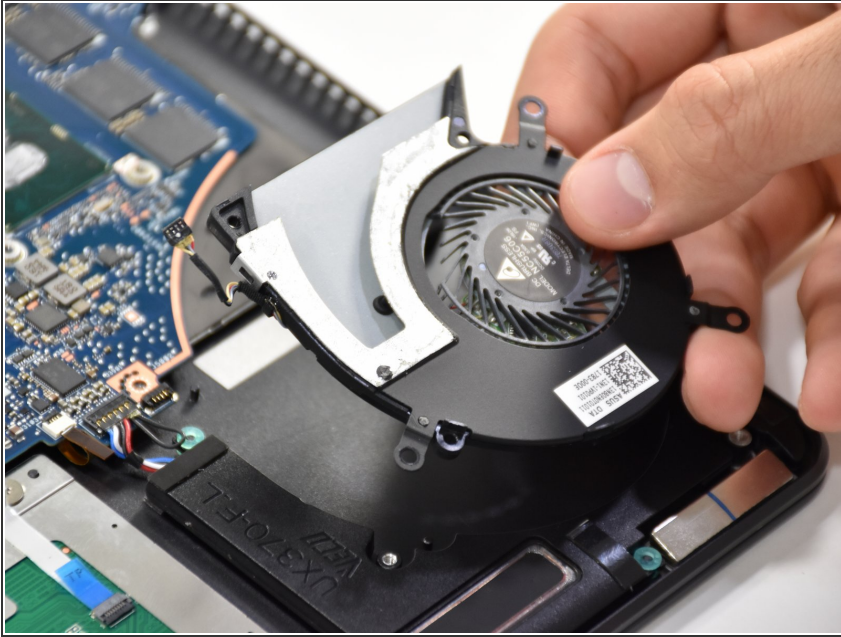
- Remove the three 3.7 mm screws using a Phillips #00 screwdriver.

Step 12



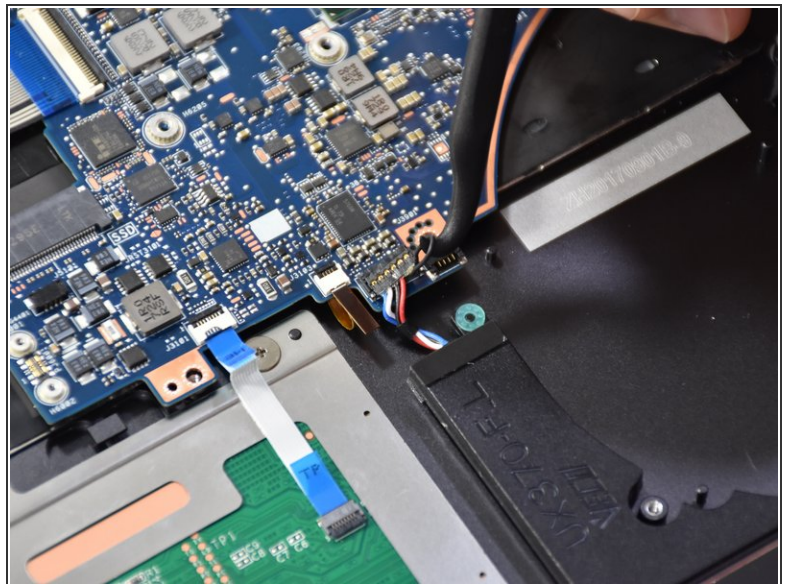
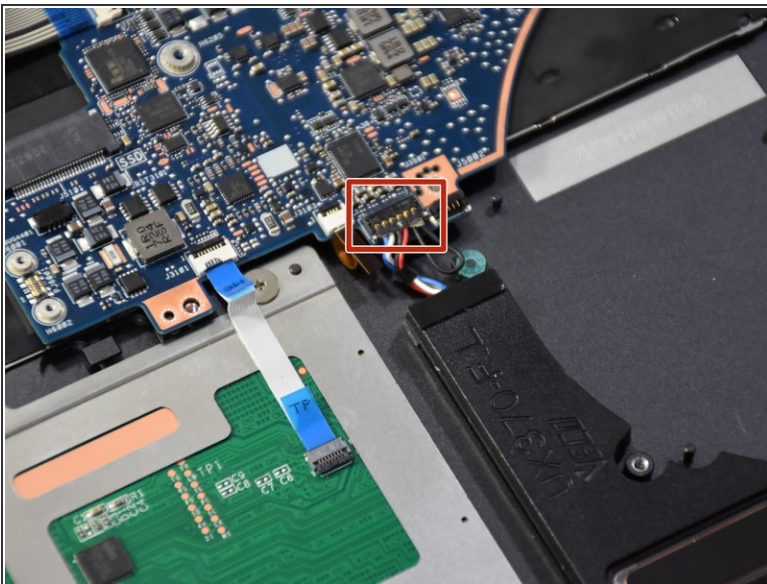
- Detach the black wire and plug shown using a tweezer.

Step 13



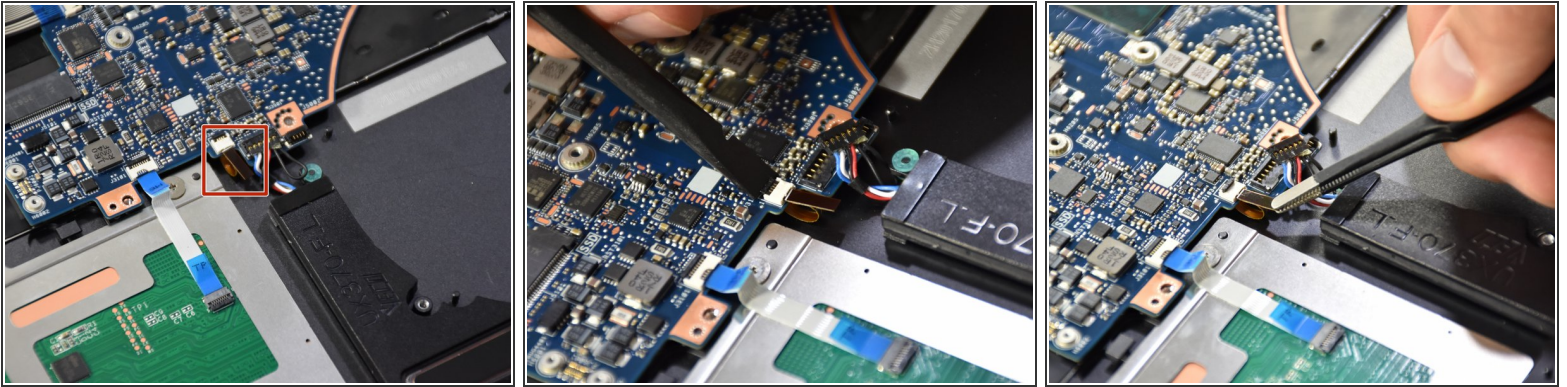
- Grab CPU fan by its edge and gently pull upwards to remove.

Step 14 — Motherboard



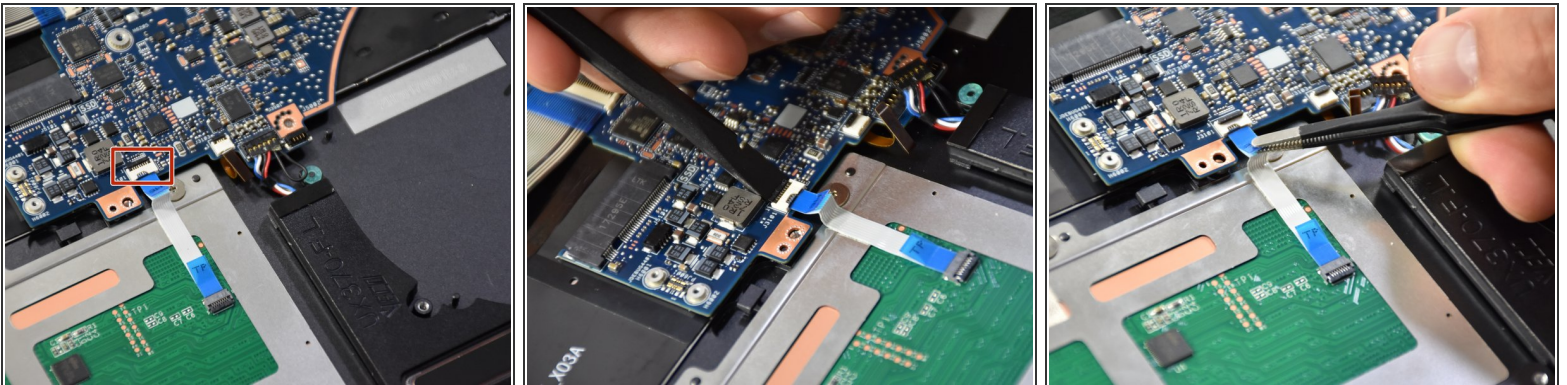
- Remove the first connection wire by pulling the small back loop with the Halberd Spudger.

Step 15



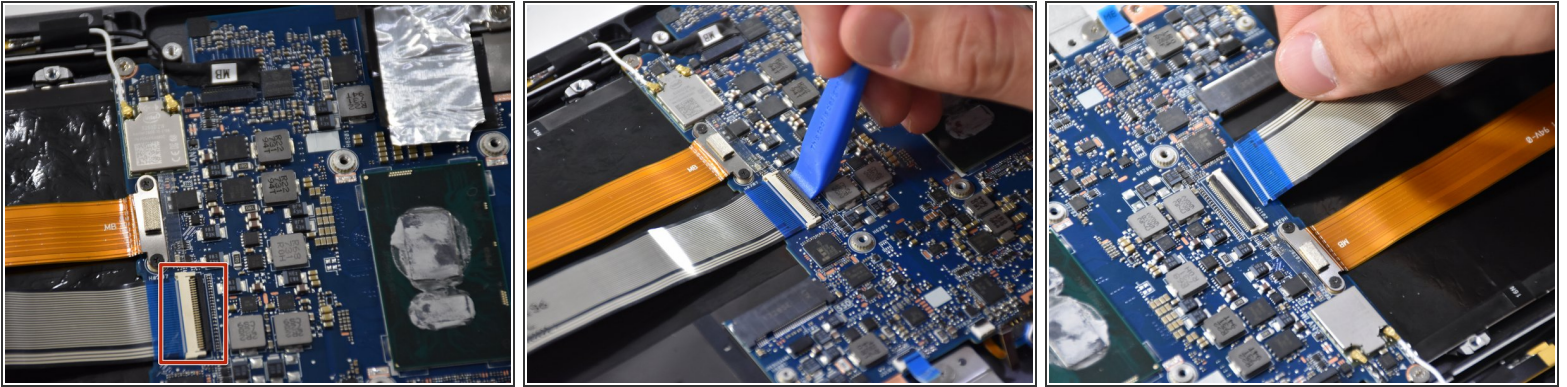
- Lift the small black tab of the orange connector with your fingers or a plastic opening tool.
- Remove the orange connector by pulling with tweezers.

Step 16



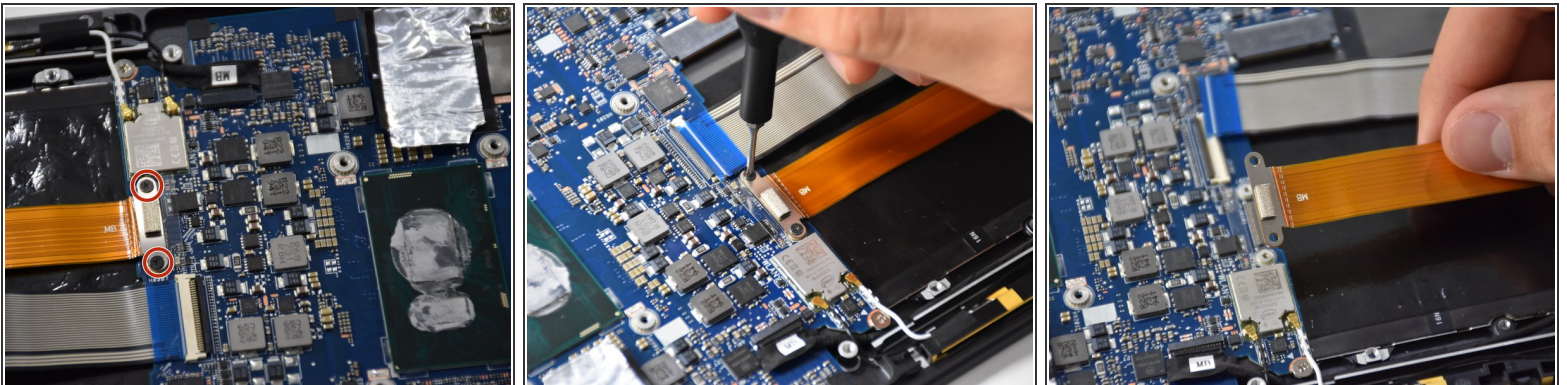
- Lift the small black tab on the white plastic piece of the touch pad connector with a spudger.
- Remove the touch pad connector by pulling with tweezers.

Step 17



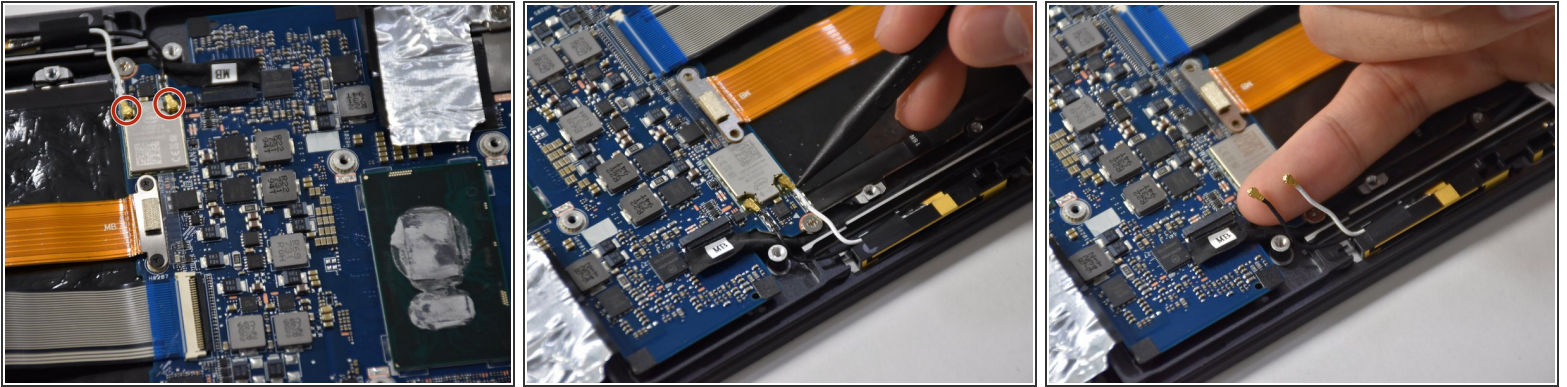
- Lift the black tab on the long white plastic piece of the thick blue band.
- Remove the thick blue band by pulling.

Step 18



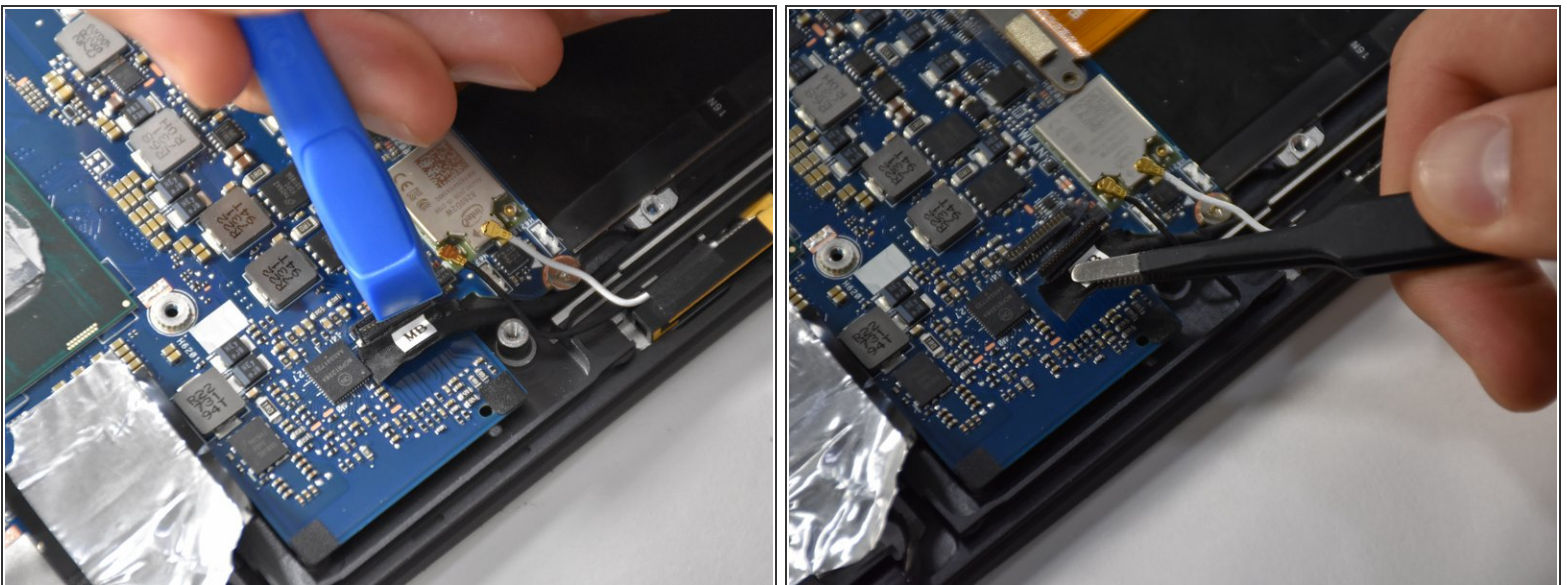
- Remove the two Phillips #000 screws on the metal connector above the thick orange band.
- Lift up the thick orange band.

Step 19



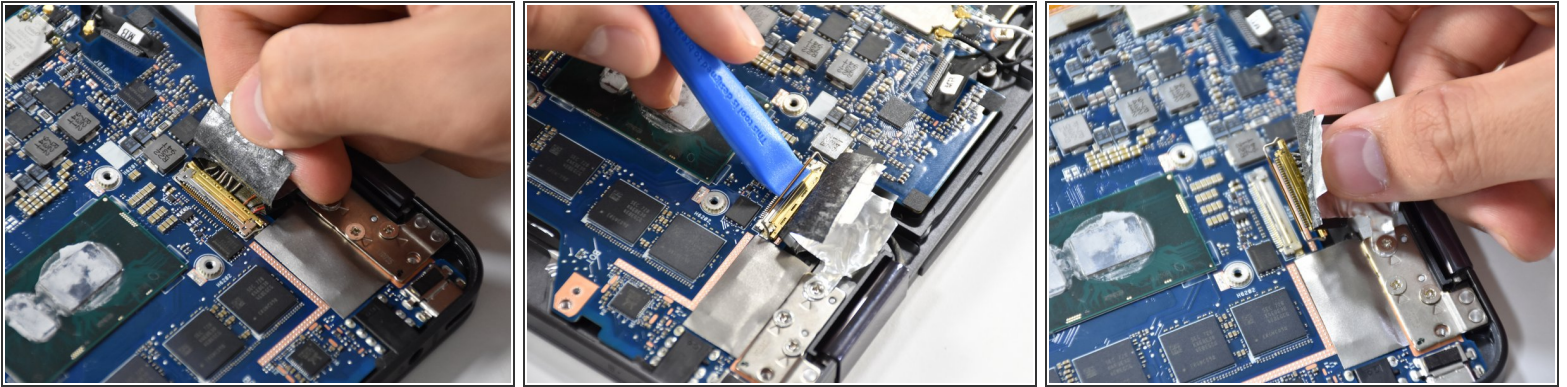
- Gently lift up the two smallest connectors using your fingers or a plastic opening tool.

Step 20



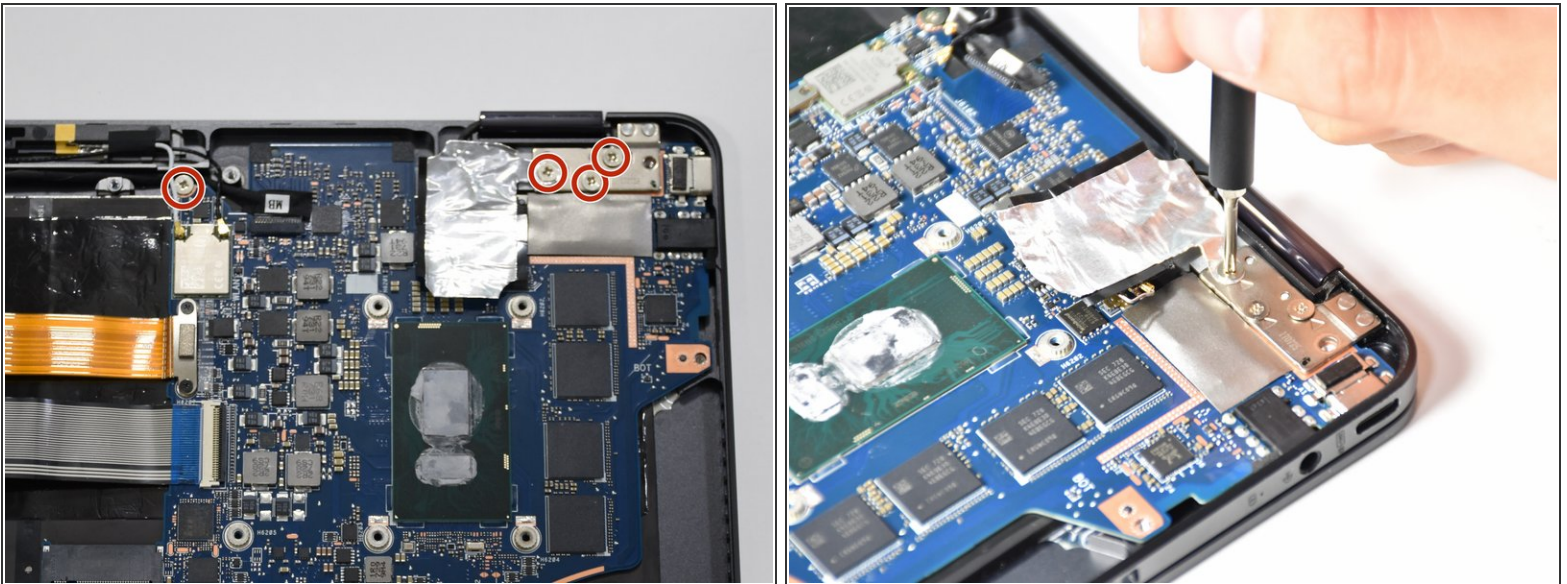
- Lift up the black hinge of the connector using a plastic opening tool.
- Remove the connector using a tweezer.

Step 21



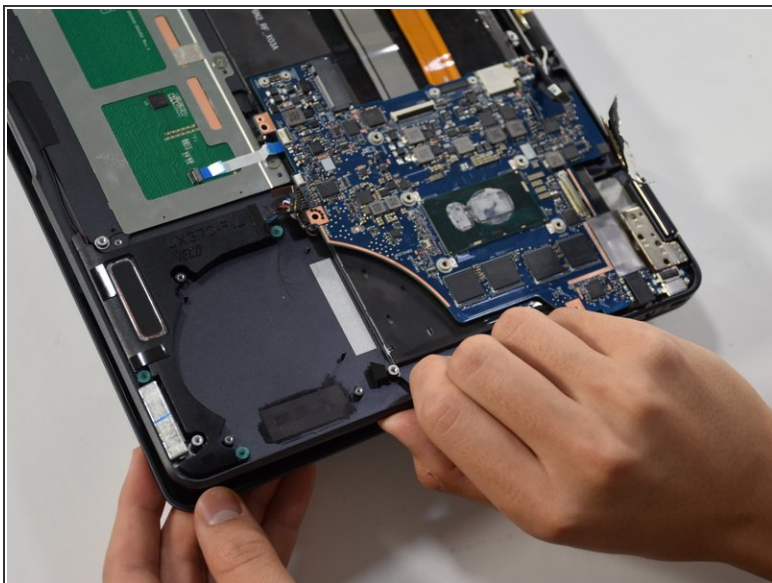
- Pull up the tap of the biggest connector using your fingers.
- Lift the gold hinge using a plastic opening tool.
- Lift the connector up with your fingers to remove.

Step 22



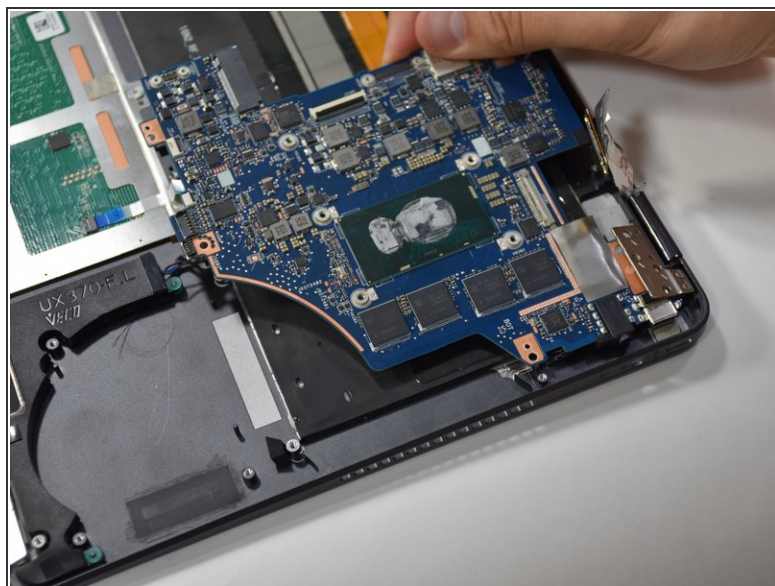
- Remove the four 4.8 mm screws using a Phillips #00 screwdriver.

Step 23



- Slightly open up the laptop. This will lift up the hinge at the corner and free the motherboard.

Step 24



- Pull the motherboard away from the corner to remove.

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