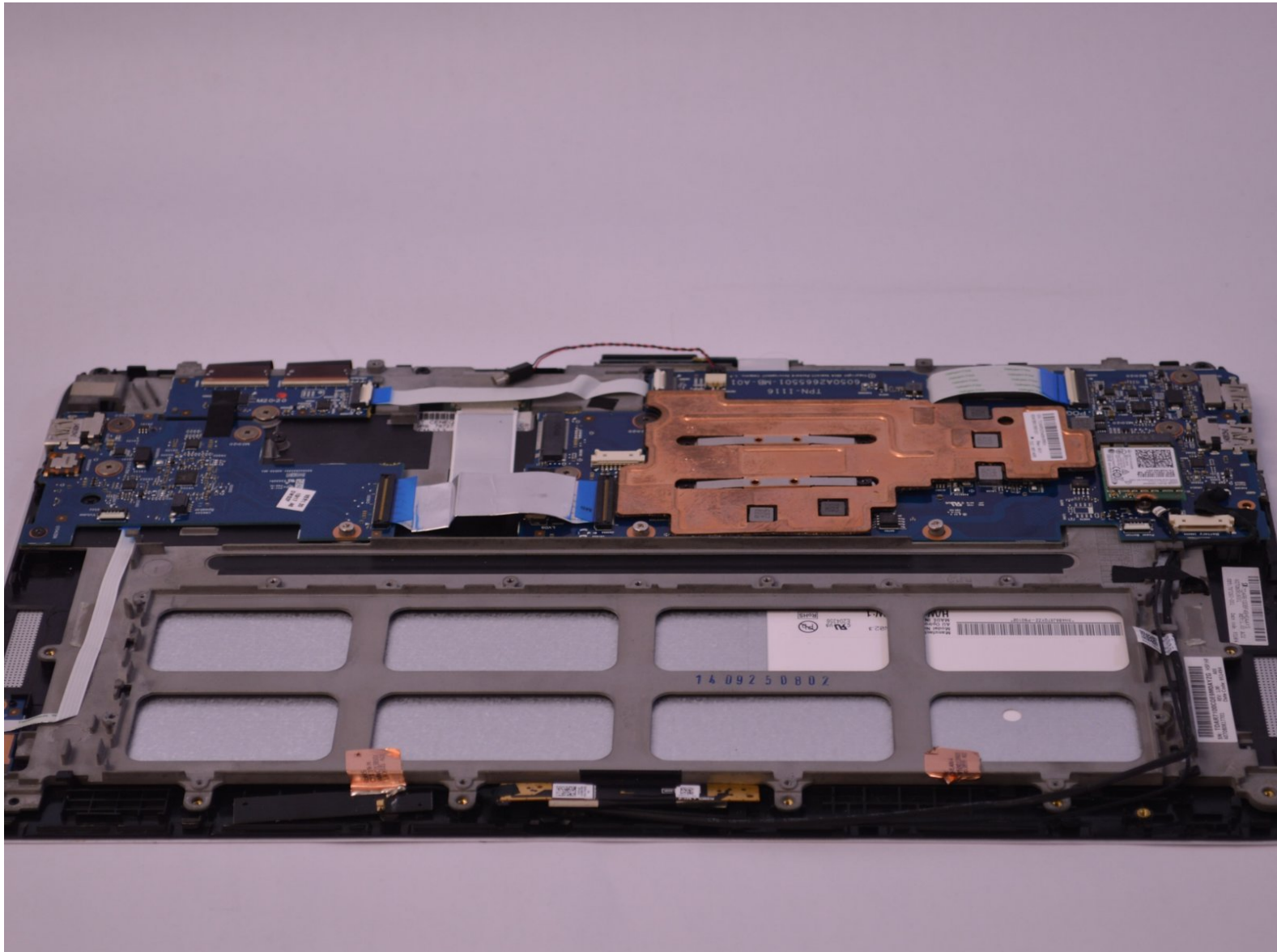




HP Envy x2 13-j002dx Motherboard Replacement

Learn how to remove and replace the motherboard in your HP Envy x2 13-j002dx.

Written By: Colton Moon



INTRODUCTION

These instructions will guide you through the process to remove and replace the motherboard on the HP Envy x2 13-j002dx (Model #J9M64UA). In step 1 of this guide, you will remove the tablet's outer shell to access the motherboard. The rest of guide shows you how to remove and replace the motherboard.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Magnetic Project Mat](#) (1)
- [Tweezers](#) (1)
- [iFixit Opening Picks set of 6](#) (1)



PARTS:

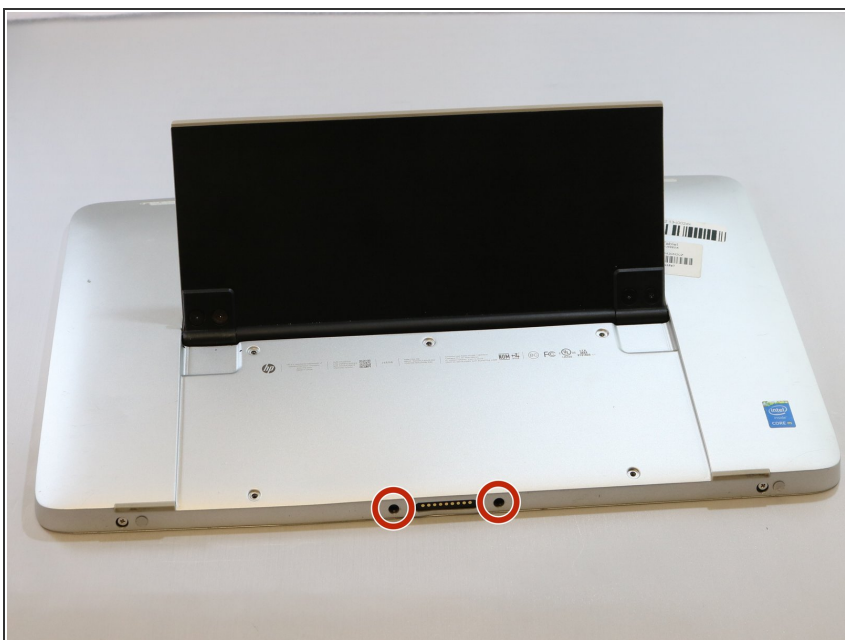
- [HP Envy x2 13-j002dx Replacement Battery](#) (1)

Step 1 — Battery



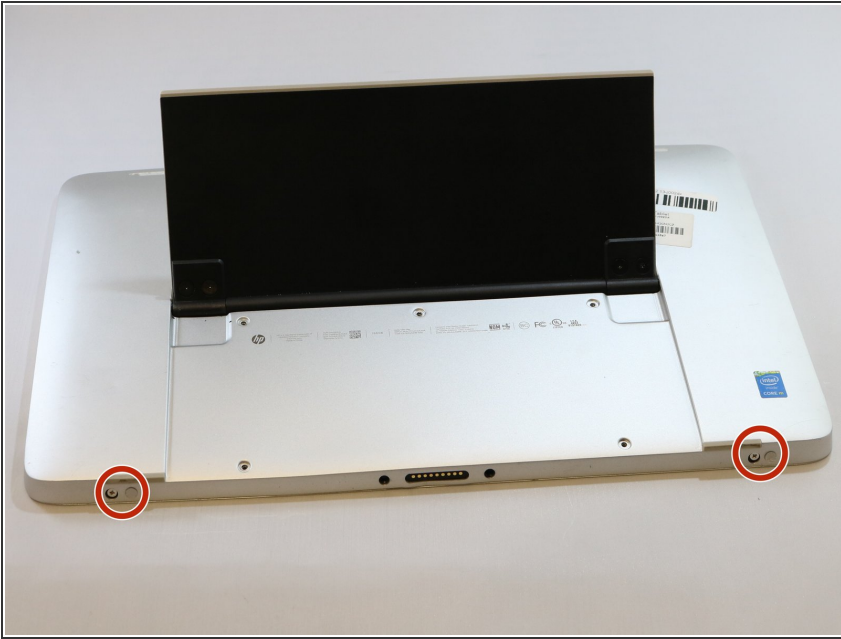
- Remove five 4mm Phillips #0 screws securing the lower case to the HP Envy x2 13-j002dx.

Step 2



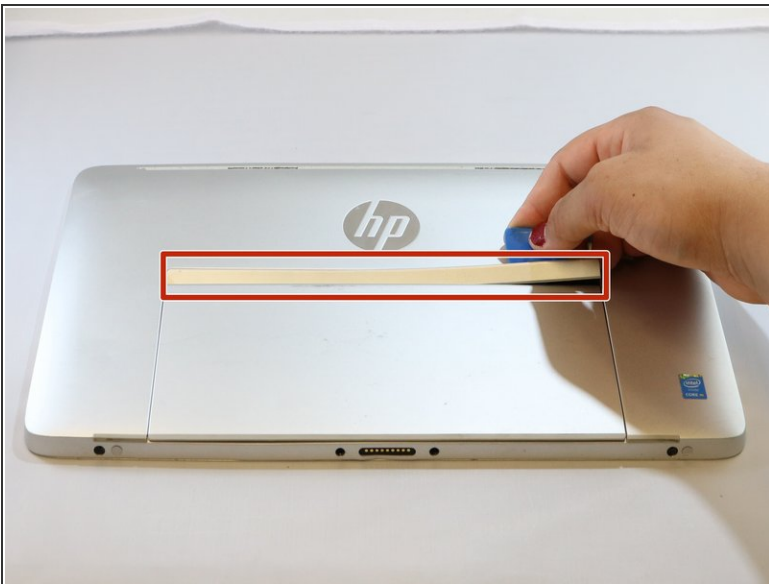
- Use a Phillips #00 screwdriver to remove the two 3.5 mm screws from the bottom of the device—one on each side of the keyboard dock.

Step 3



- Use a pair of tweezers to remove the screw covers on the bottom of the device.
- Use a Phillips #0 screwdriver to remove the two 4mm screws.

Step 4



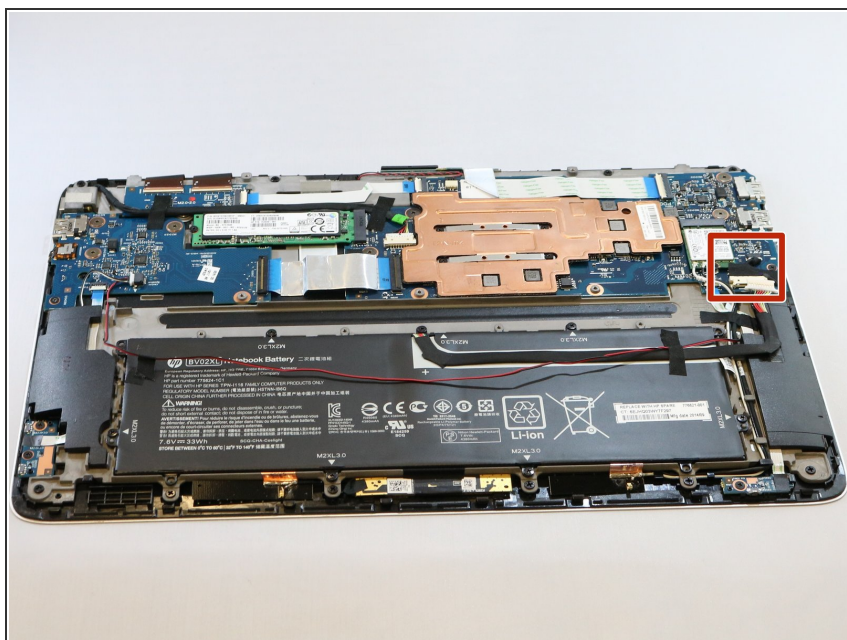
- Use an opening pick to remove the plastic cover above the back stand.
- Pry the cover off.
- Use a Phillips #0 screwdriver to remove the four 4 mm screws.

Step 5



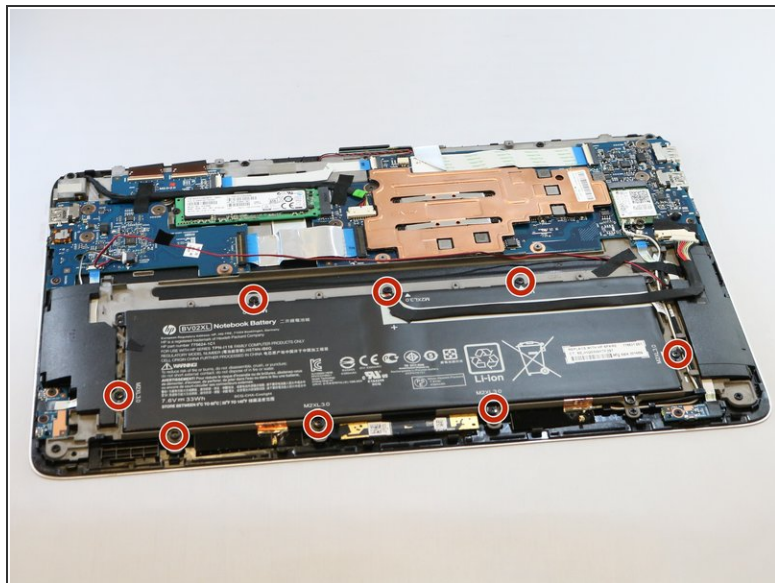
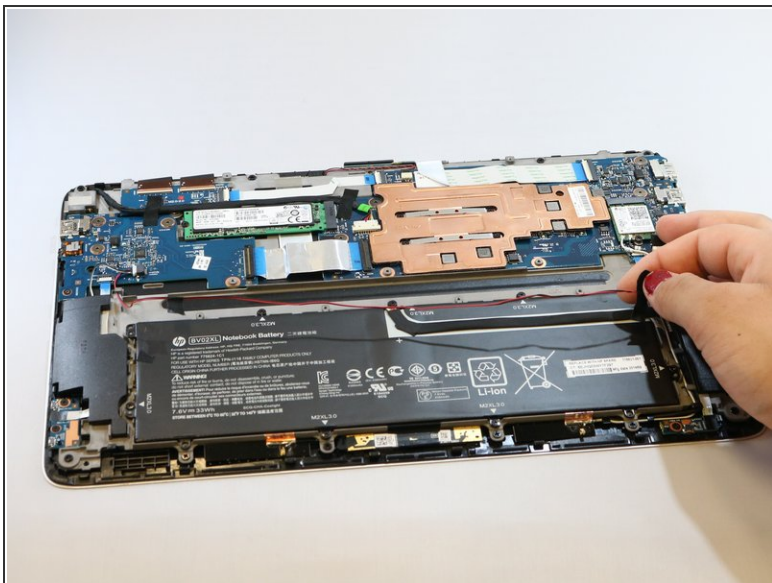
- Use an opening pick and a prying tool, and go around the device to remove the back cover from the rest of the assembly.

Step 6



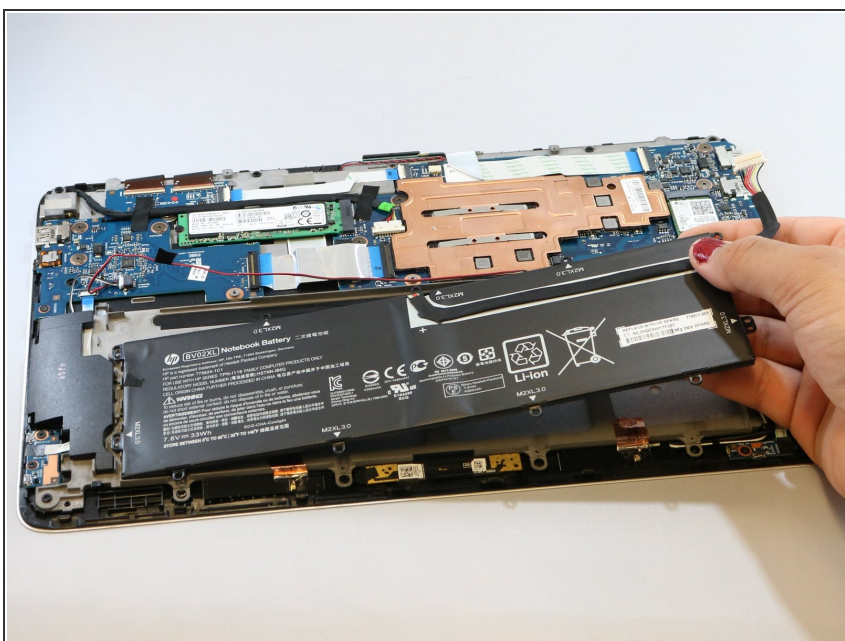
- Unplug the battery from the motherboard.

Step 7



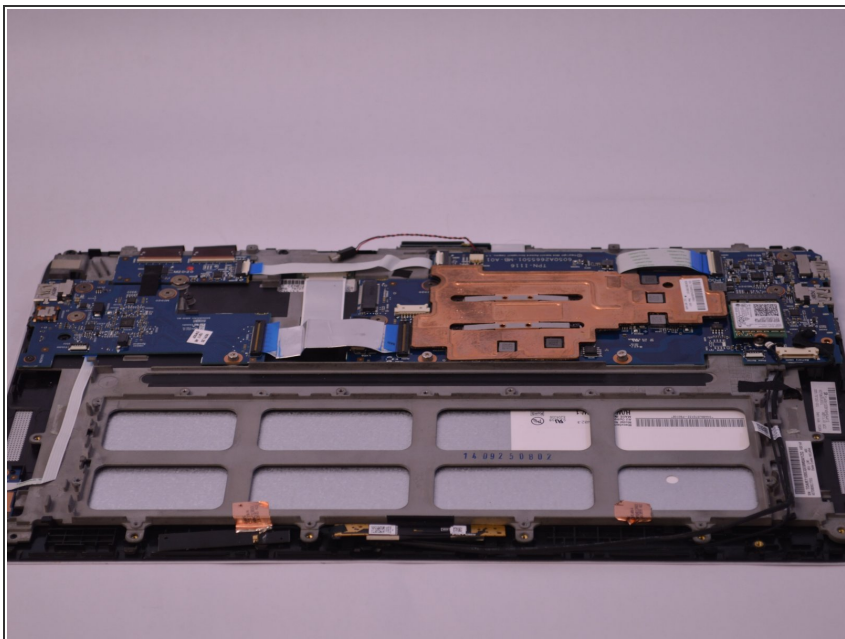
- Carefully pull up on the battery connector from the speaker.
- Use a pair of tweezers and remove the taped down wire for the speaker.
- Use a Phillips #00 screwdriver to remove the seven 3mm screws around the battery.

Step 8



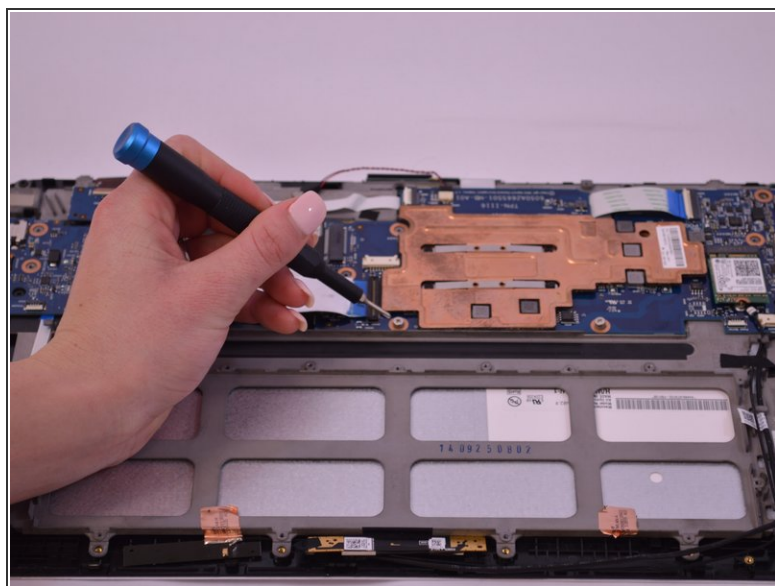
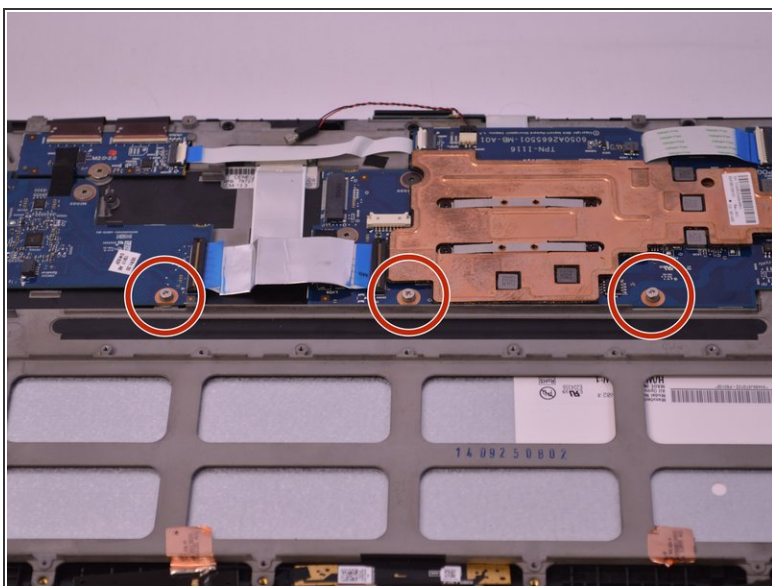
- Carefully lift up and remove the battery.

Step 9 — Motherboard



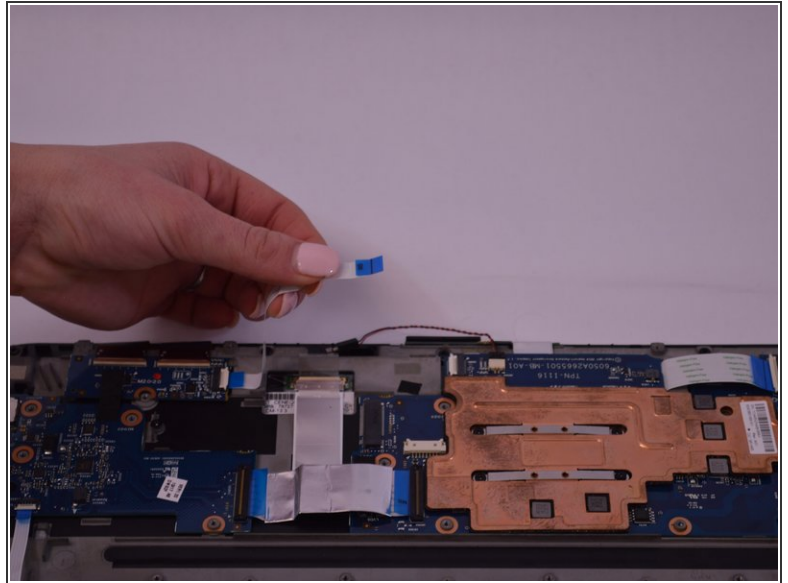
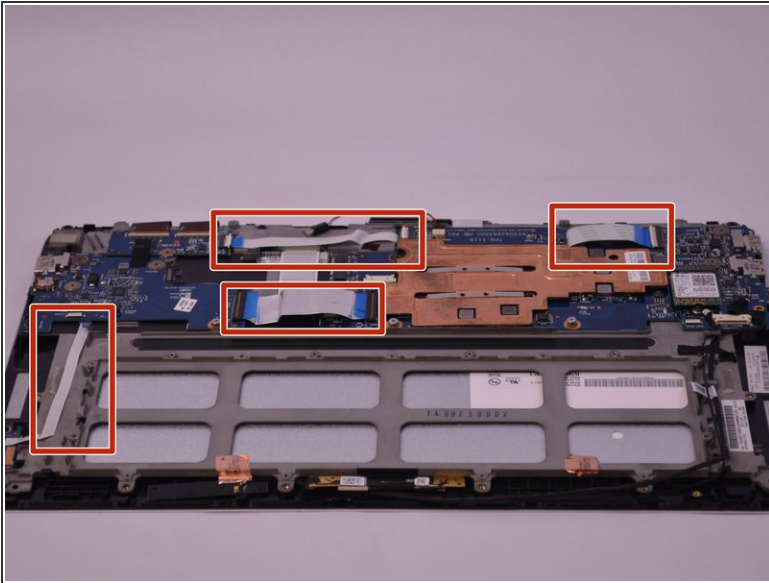
- Before removing the motherboard, clear away any dust, and ensure that the battery is already removed.

Step 10



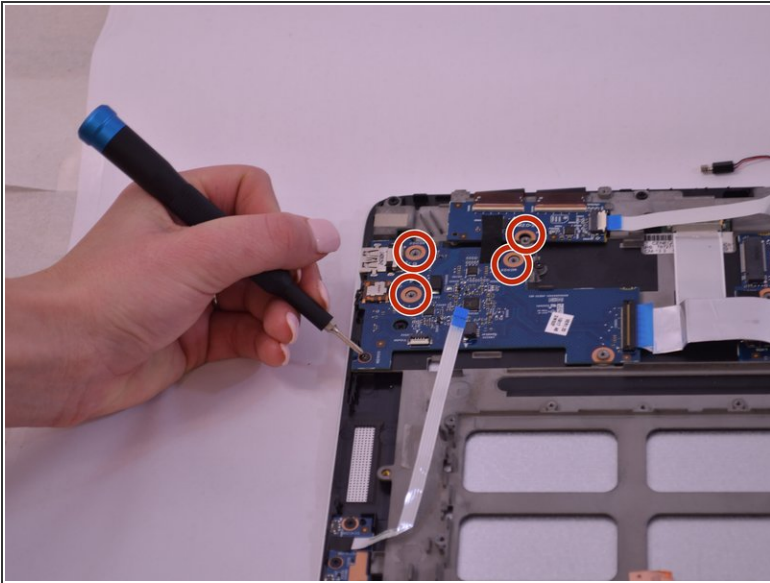
- Using a Phillips #0 screwdriver, remove the three 3.8 mm screws along the edge of the motherboard.

Step 11



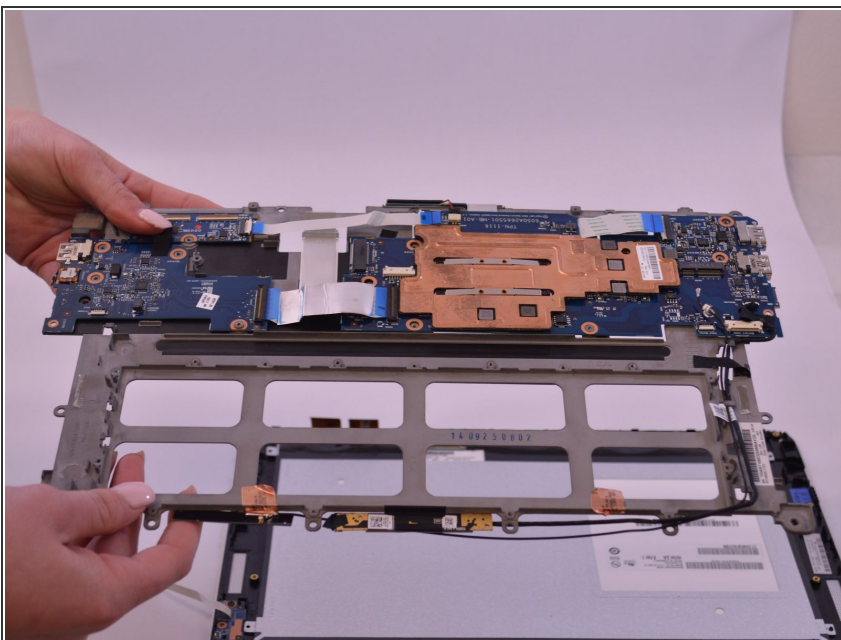
- Disconnect the cable connectors from the motherboard. This can be done with either tweezers or with your fingers.

Step 12



- Using the Phillips #0 screwdriver, remove the 3.2mm screws within the copper rings in the circuit board.
- Using the Phillips #0 screwdriver, remove the 2.5mm and 4.25mm black screws on the motherboard.

Step 13



- Once the screws and cables are disconnected and removed, remove the motherboard from the frame.

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