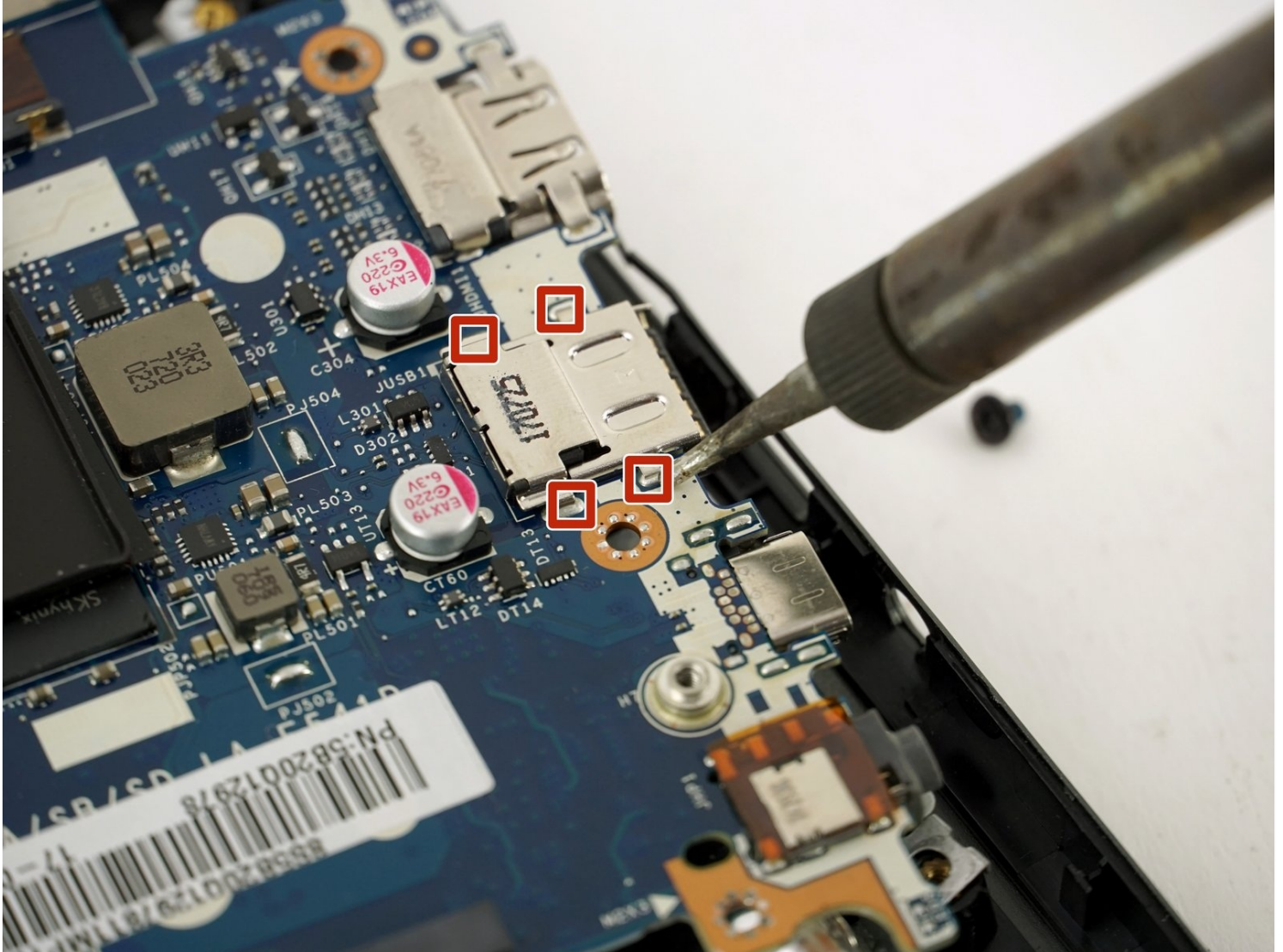# Lenovo IdeaPad Flex 5-1570 USB Port Replacement

If your Lenovo IdeaPad Flex 5-1570 does not...

Written By: Nate Blake

INTRODUCTION

If your Lenovo IdeaPad Flex 5-1570 does not recognize when devices are plugged into the USB port then your device may have a faulty USB port. The USB port allows the laptop to connect to other devices such as a wireless mouse or an external hard drive. This guide will show you how to successfully replace the USB port. Step 10 requires you to desolder the faulty USB port and resolder a new USB port on to the motherboard, so make sure to read the How to Solder and Desolder Connections guide. Be sure to completely turn off and unplug your device from any external power before you start.

🔧 **TOOLS:**

iFixit Opening Tool (1)
Nylon Tipped Tweezers (1)
Phillips #00 Screwdriver (1)
Soldering Iron 60w Hakko 503F (1)
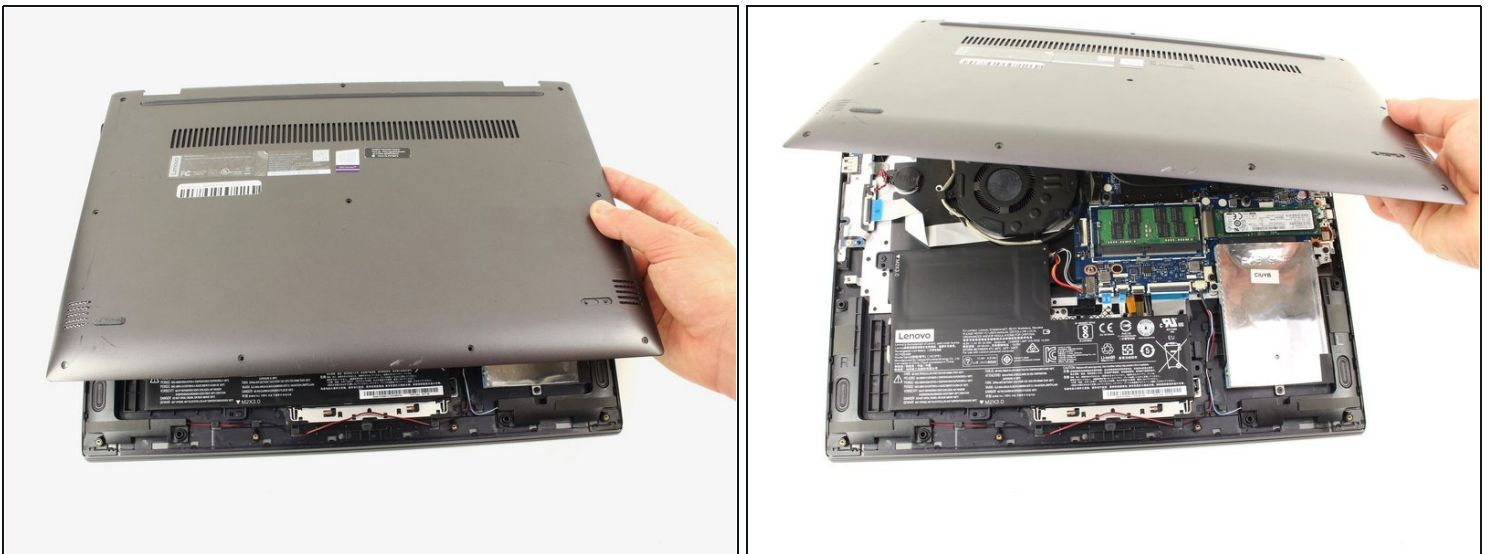Lead-Free Solder (1)

Step 1 — Back Panel

● Remove the ten 5 mm Phillips #00 screws that are holding the back panel on.

Step 2

- Use a spudger to pry open the back case at the two hinge cutouts.

- Gently use the plastic opening tool around the edges of the laptop to pry up the clips holding the rest of the back panel.
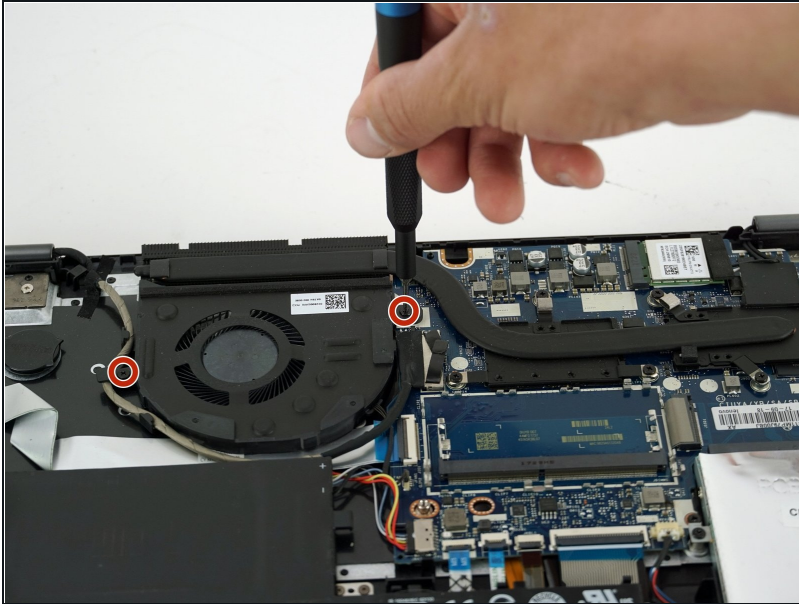
Step 3

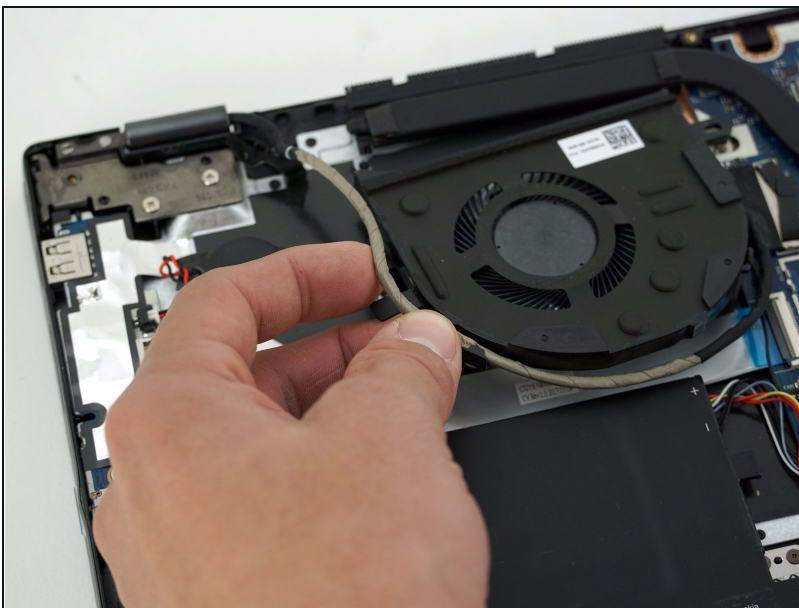- Once all the clips have been disengaged, lift off the back cover.
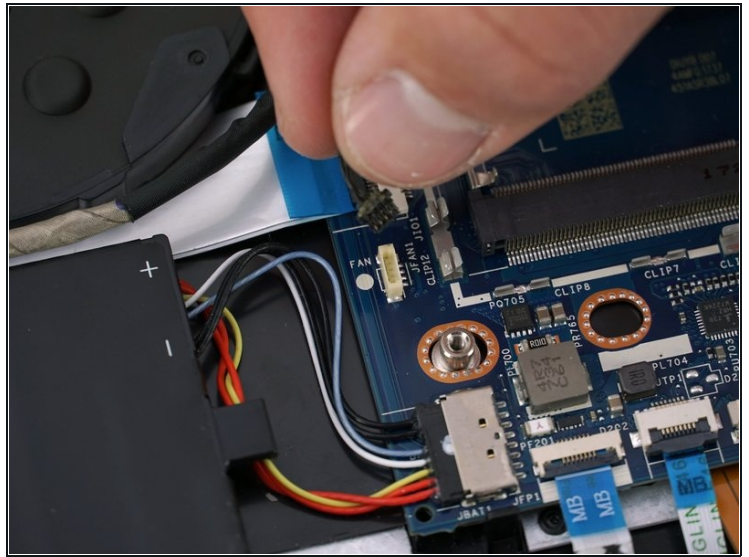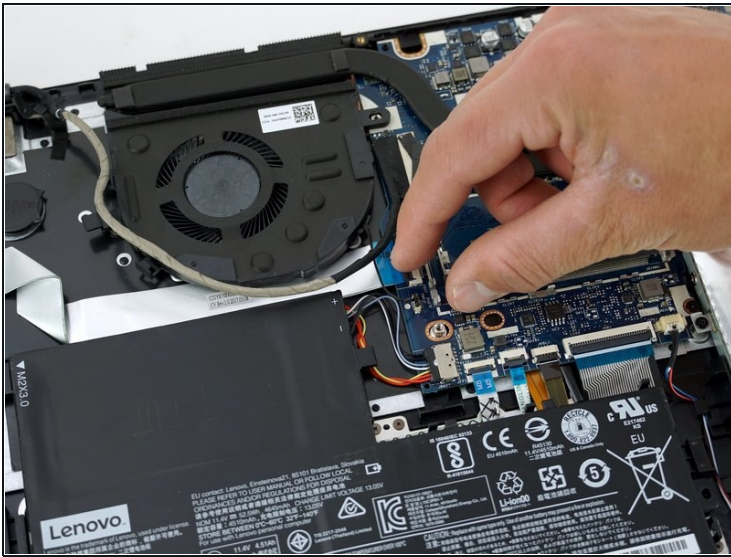
Step 4 — Fan

- Remove the two 5 mm Phillips #00 screws that secure the fan in place.
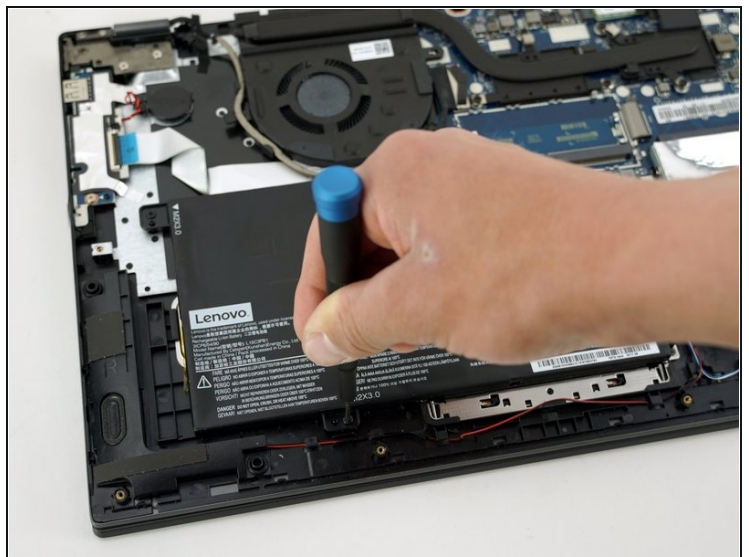
Step 5

- Using your hands, remove the wire that is wrapped around the base of the fan.

Step 6

- Disconnect the wire holding the fan and the motherboard together.
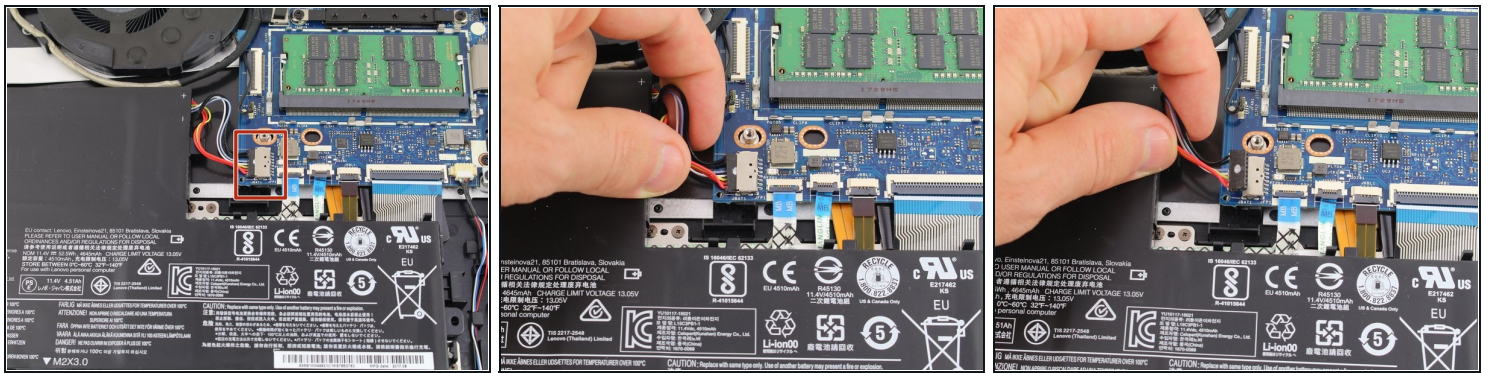
- Remove the fan from the device.

Step 7 — Battery

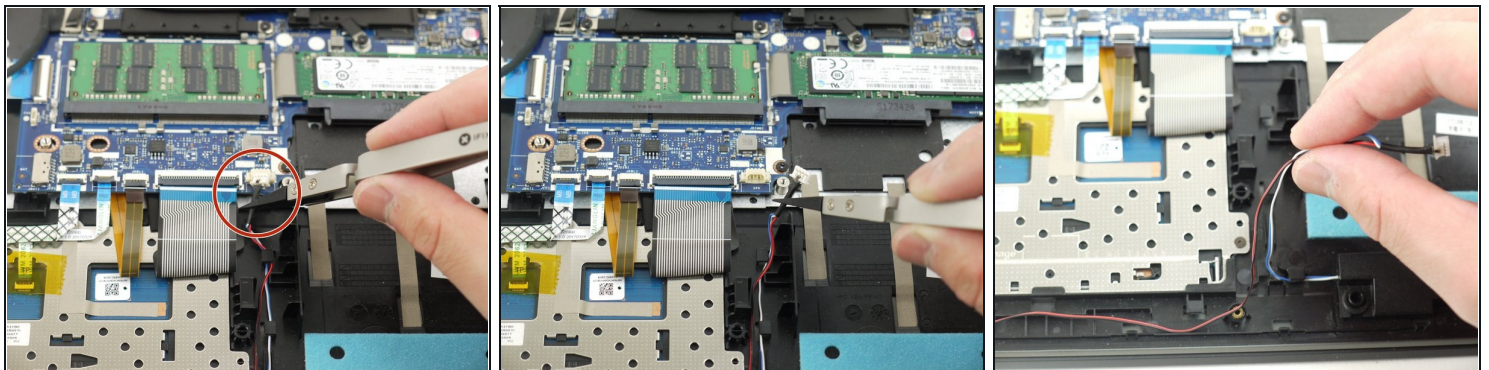- Remove the two 5 mm Phillips #00 screws that secure the battery in place.
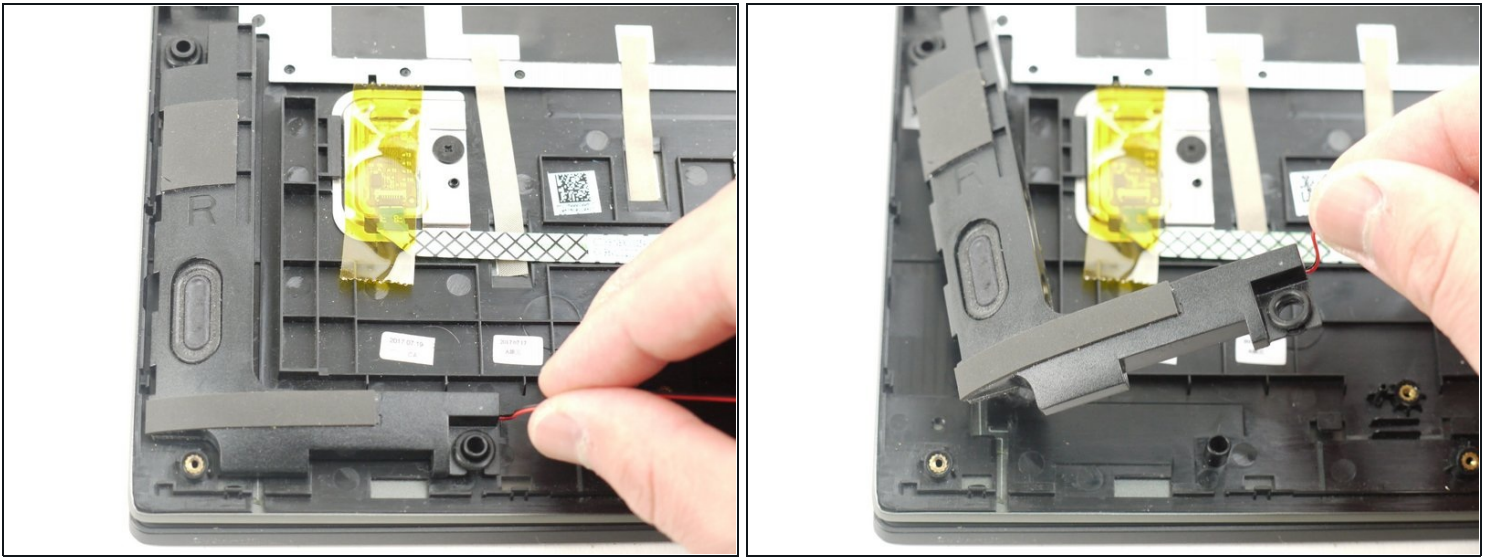
Step 8

- Using your fingers, grasp the entire bundle of wires to pull the battery cable from its connector. This will cut off power to the motherboard.

⚠ Be sure to apply even pressure across the wires and connector to not damage the battery cable.

- Remove the battery from the device.
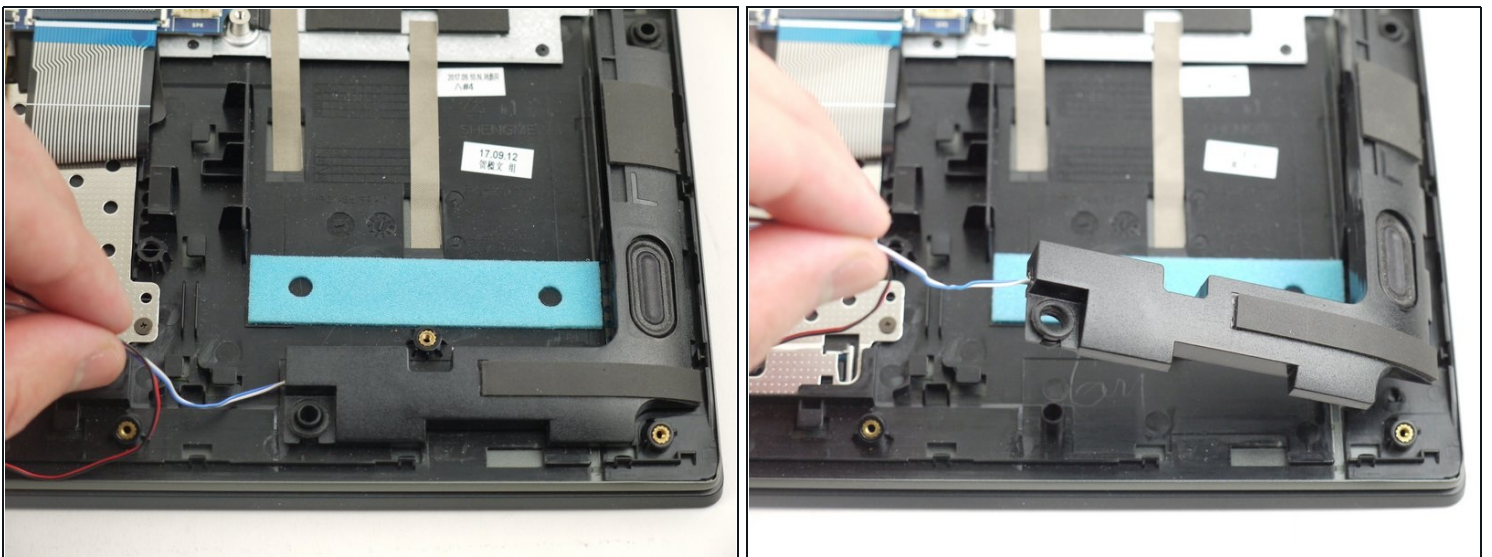
Step 9 — Speakers

- Using the iFixit nylon tipped tweezers, disconnect the wire that connects the speakers to the motherboard.

Step 10

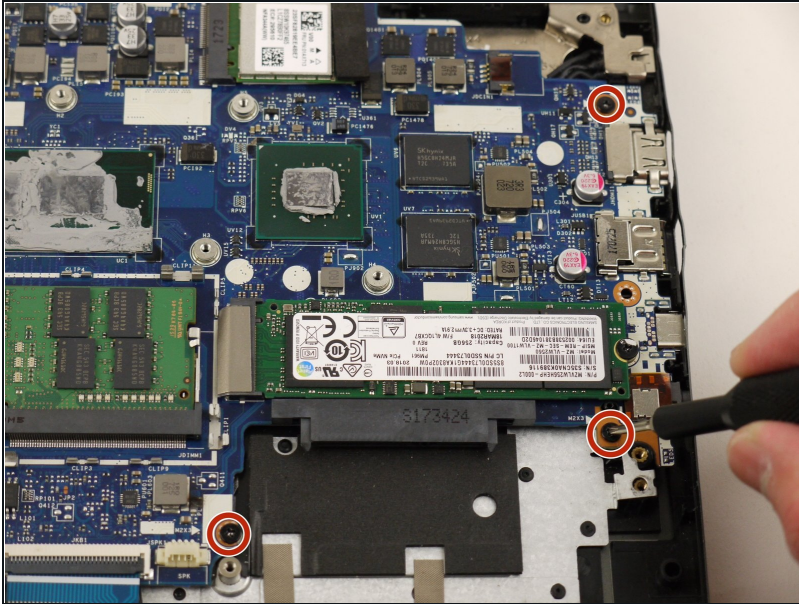- Using your hands, gently pull the left speaker up and out of the device.

Step 11

- Repeat the previous step for the other speaker and remove the speakers from the device.
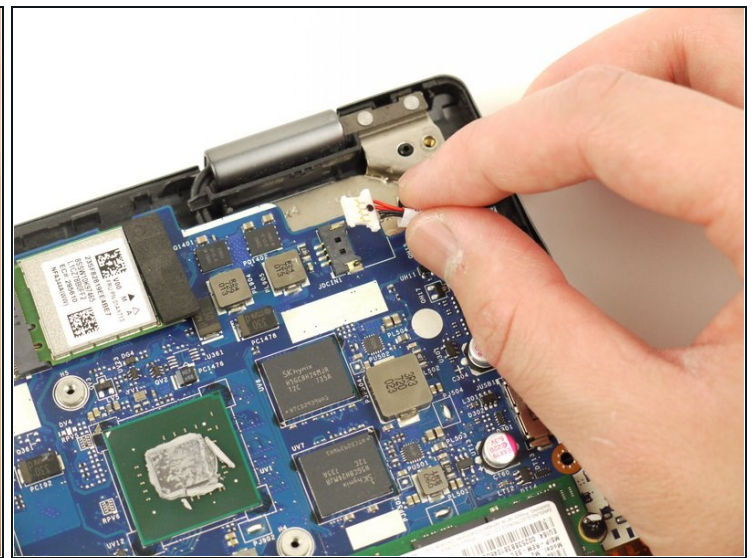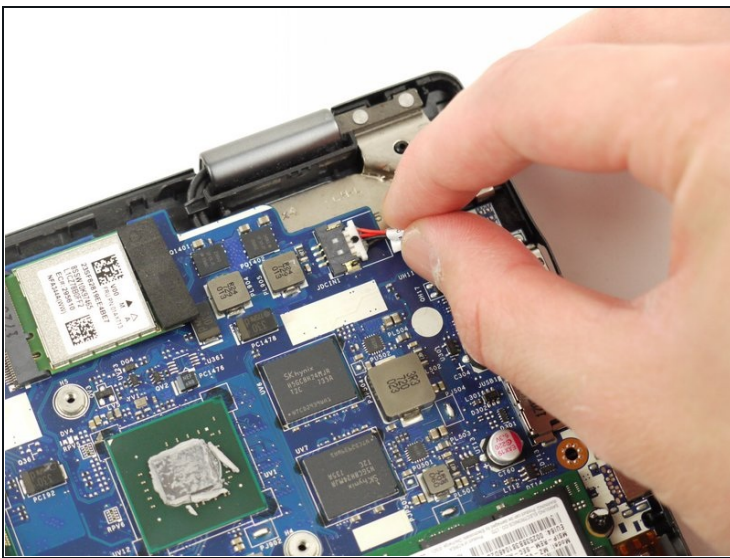
Step 12 — Motherboard

- Using the Phillips #00 screwdriver, remove the three 5 mm Phillips #00 screws securing the motherboard.
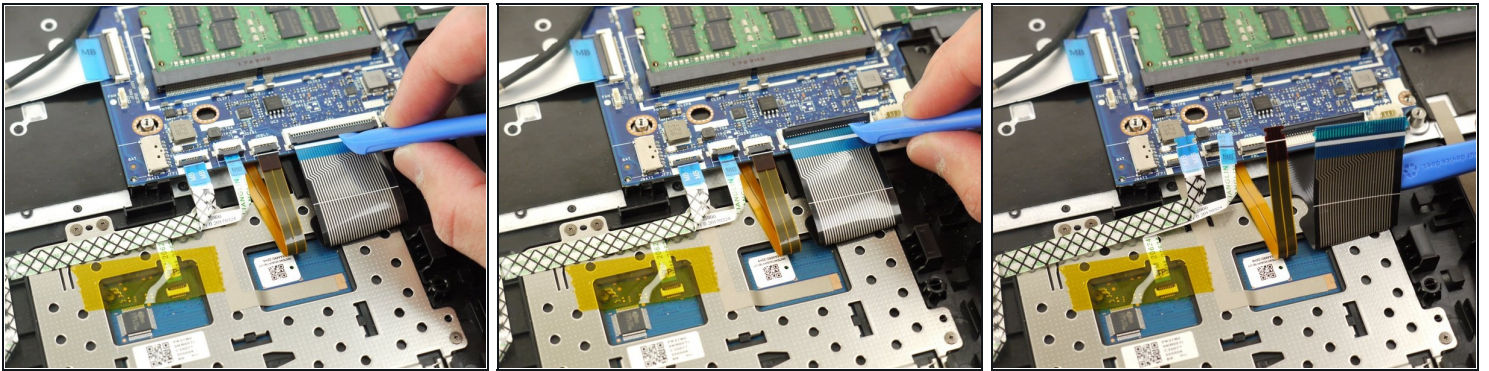
Step 13

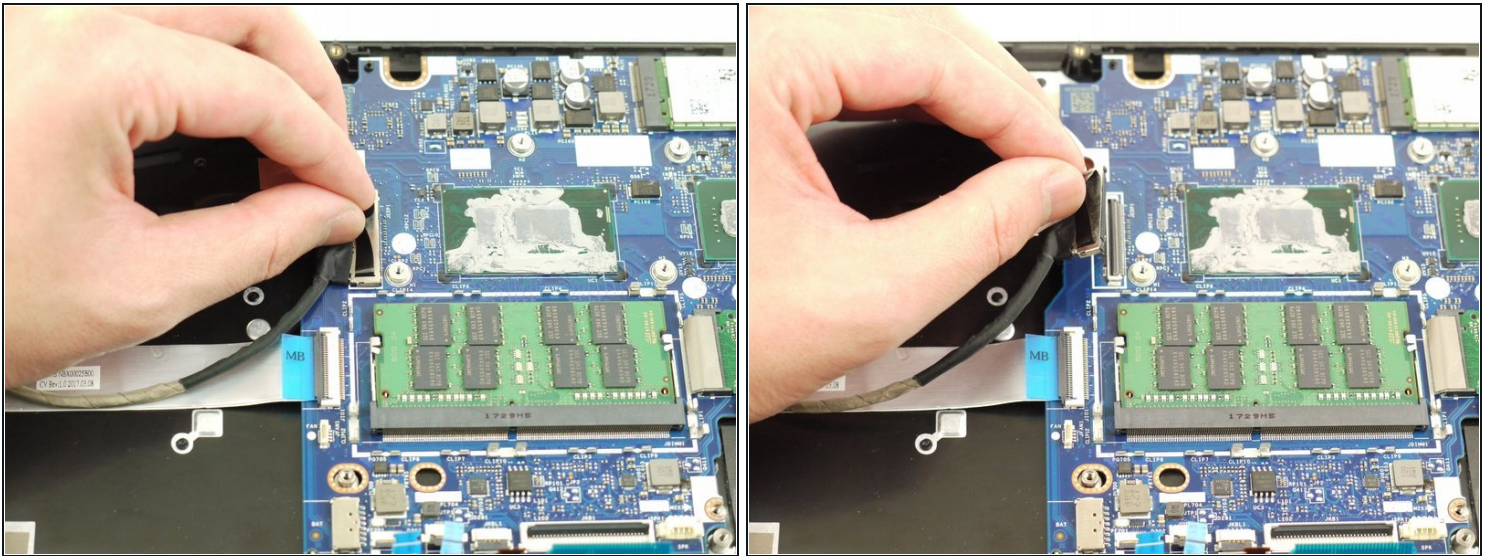- Disconnect the auxiliary port cable from the motherboard.

Step 14

- Using a plastic opening tool, unlock the four ZIF connectors of the flat cables.

- Lift up the connector locking tab and disconnect the cables from the motherboard.
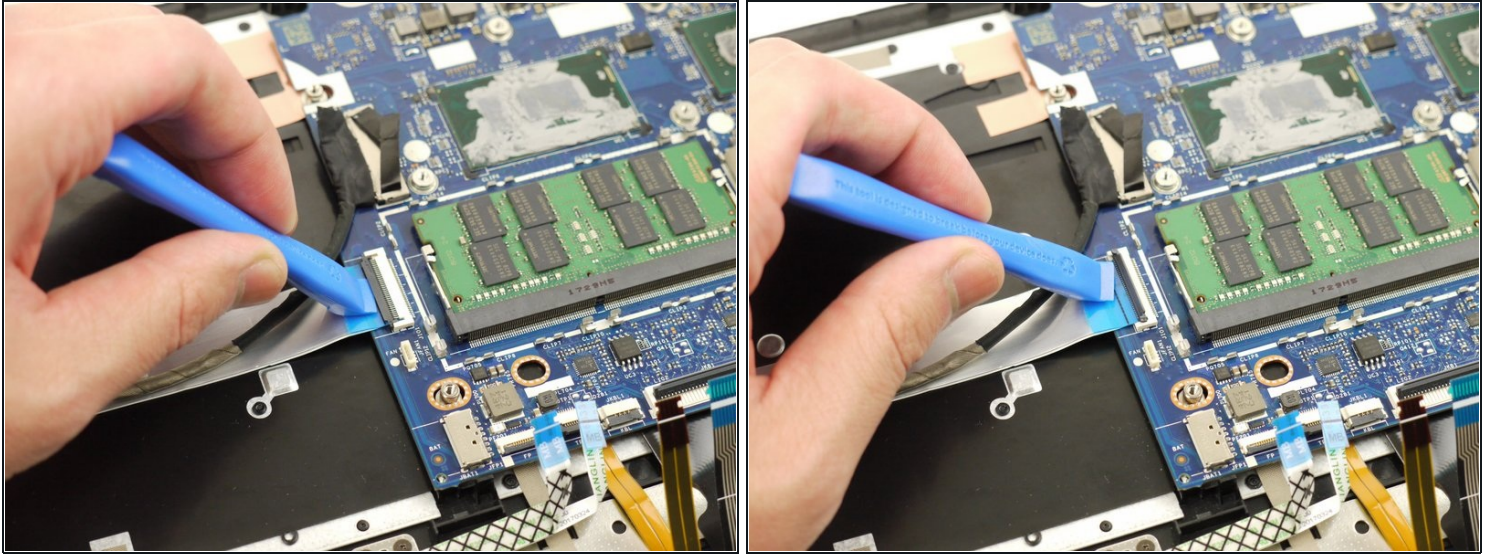
Step 15

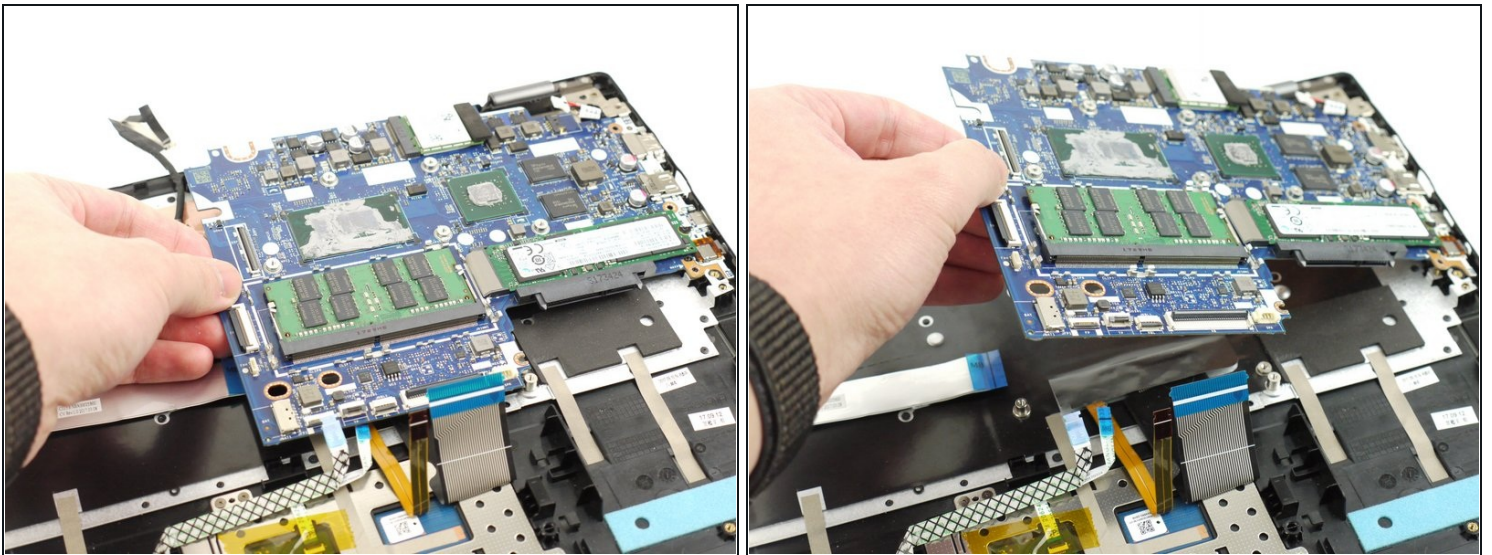- Disconnect the display cable from the motherboard.

Step 16

- Using the plastic opening tool, unlock the connector for the side ports panel and disconnect the cable from the motherboard.
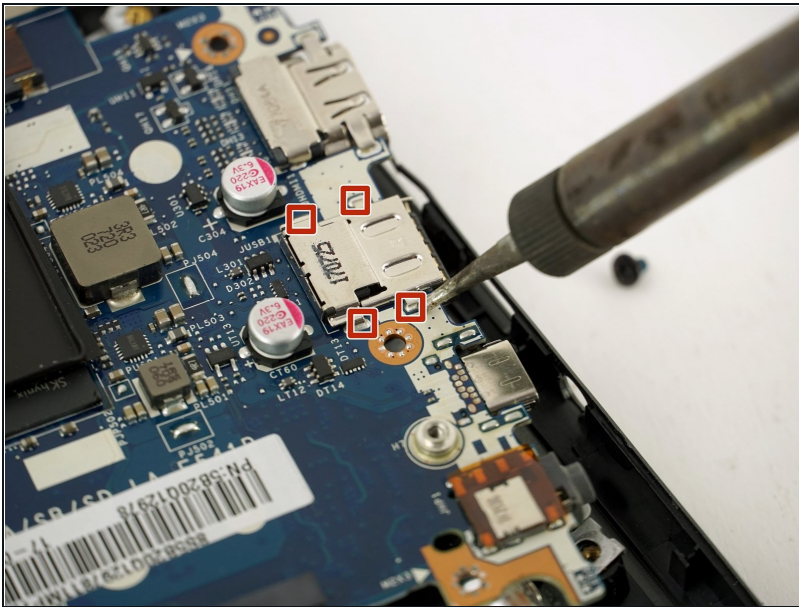
Step 17

- Carefully lift and remove the motherboard from the device.

Step 18 — USB Port

- Once you've removed the motherboard, desolder the four contact points on the USB connector.

- ⓘ For proper technique on soldering and desoldering connections, please visit the [How to Solder and Desolder Connections guide](#).

- Remove the USB port from the device.

- ⊠ Resolder the new USB connector in the same place.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).