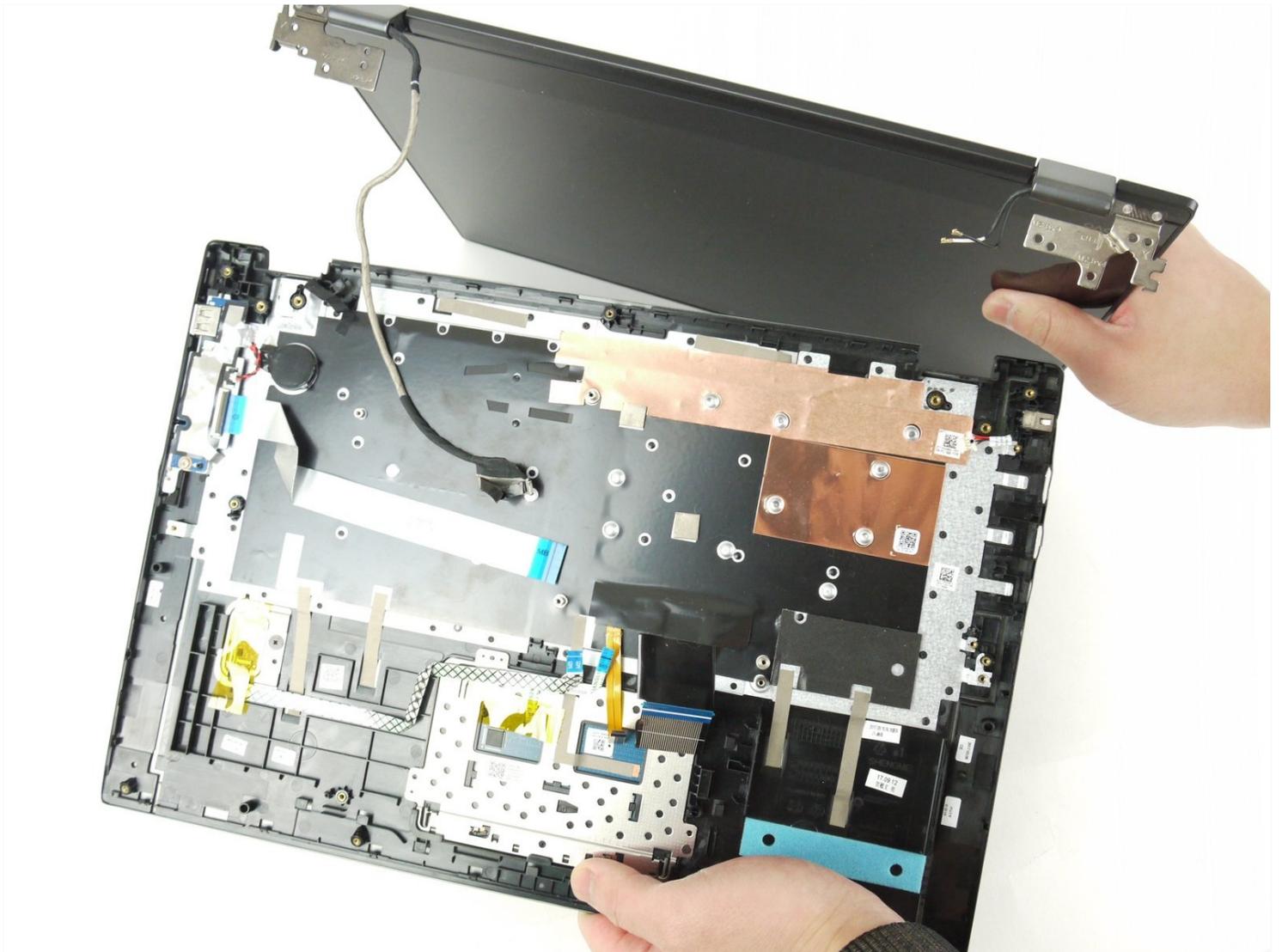




Lenovo IdeaPad Flex 5-1570 Display Assembly Replacement

The screen/display is one of the most common...

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INTRODUCTION

The screen/display is one of the most common repairs in all electronic devices. Screens and displays can easily crack or break when dropped from elevated surfaces and heights. Cracking the screen can result in cosmetic damages to the device, and any damage to the display may impact the overall functionality of a device.

If your device is not displaying images properly or if there are dead pixels on the display, it may be time to replace it. Follow this guide to remove and replace the display assembly* of your Lenovo IdeaPad Flex 5-1570 laptop.

*This guide will cover the process of removing the display assembly from the device and **not** the display. If you're looking to remove and replace the display/screen of your device, please visit the [Lenovo IdeaPad Flex 5-1570 Display Replacement guide](#).

TOOLS:

Phillips #00 Screwdriver (1)
iFixit Opening Tool (1)
Spudger (1)
Nylon Tipped Tweezers (1)

PARTS:

5D10N46973 - Lenovo Laptop LCD
Touch Screen - Genuine (1)
Lenovo Flex 5-1470 and Flex 5-1570
FHD LCD Panel (1)

Step 1 — Back Panel



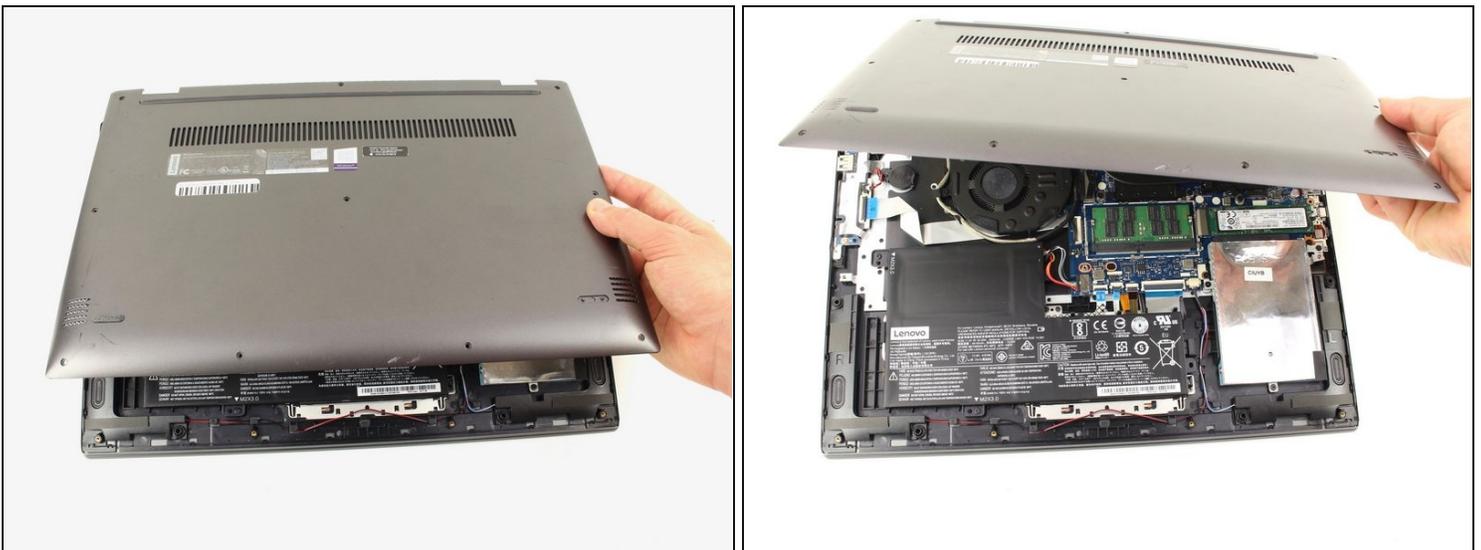
- Remove the ten 5 mm Phillips #00 screws that are holding the back panel on.

Step 2



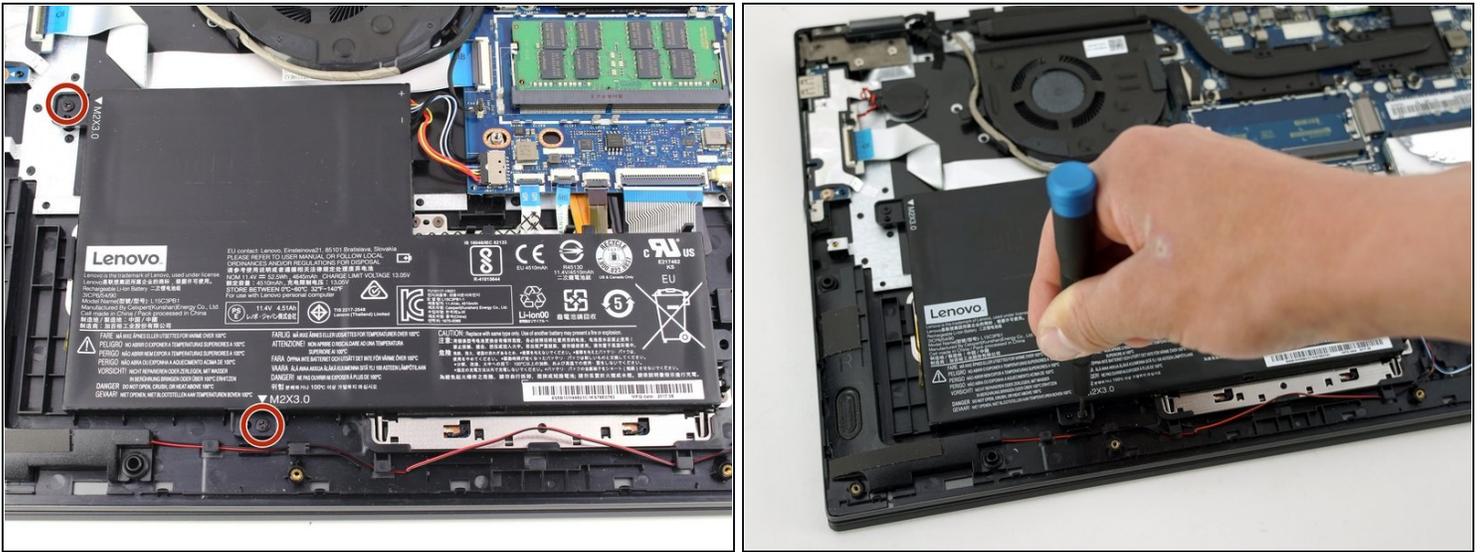
- Use a spudger to pry open the back case at the two hinge cutouts.
- Gently use the plastic opening tool around the edges of the laptop to pry up the clips holding the rest of the back panel.

Step 3



- Once all the clips have been disengaged, lift off the back cover.

Step 4 — Battery



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

Step 5

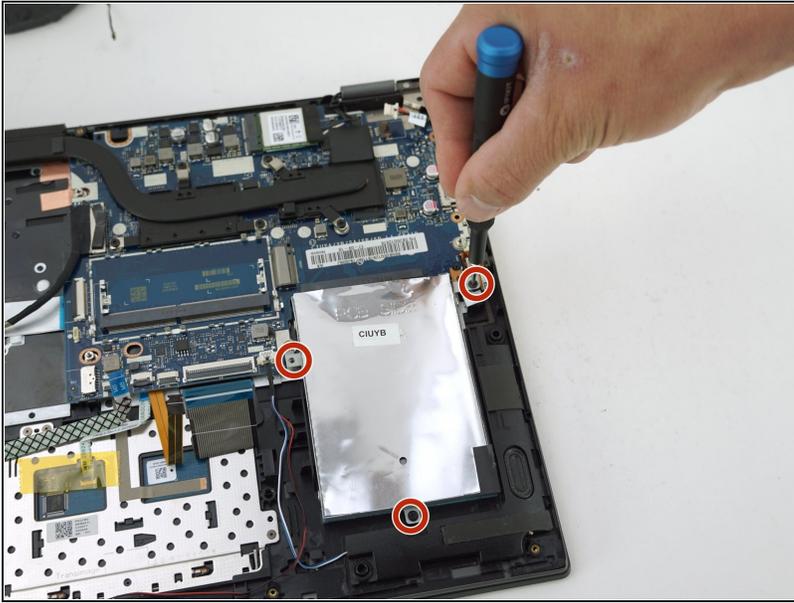


- Using your fingers, grasp the entire bundle of wires to pull the battery cable from its connector. This will cut off power to the motherboard.

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

- Remove the battery from the device.

Step 6 — Hard Drive



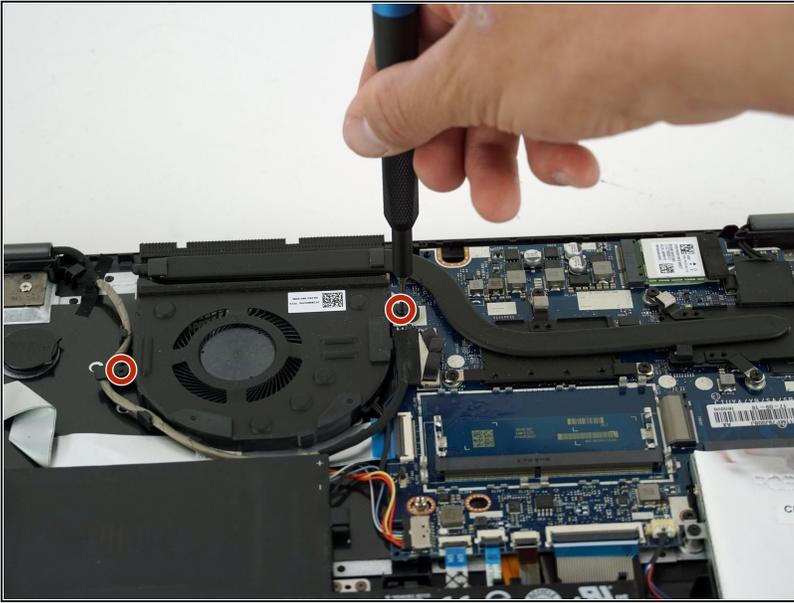
- Remove the three 5 mm Phillips #00 screws that secure the hard drive.

Step 7



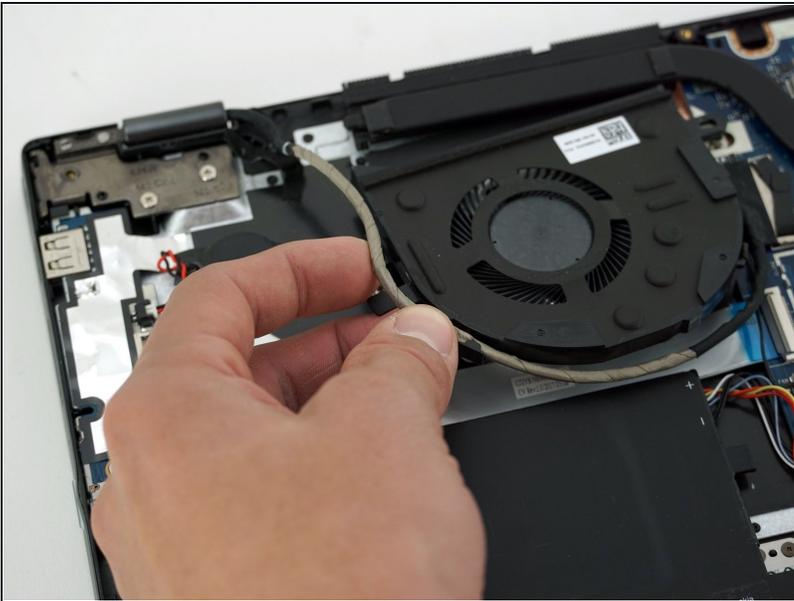
- Using your hands, gently pull the hard drive back, sliding it out from the port.

Step 8 — Fan



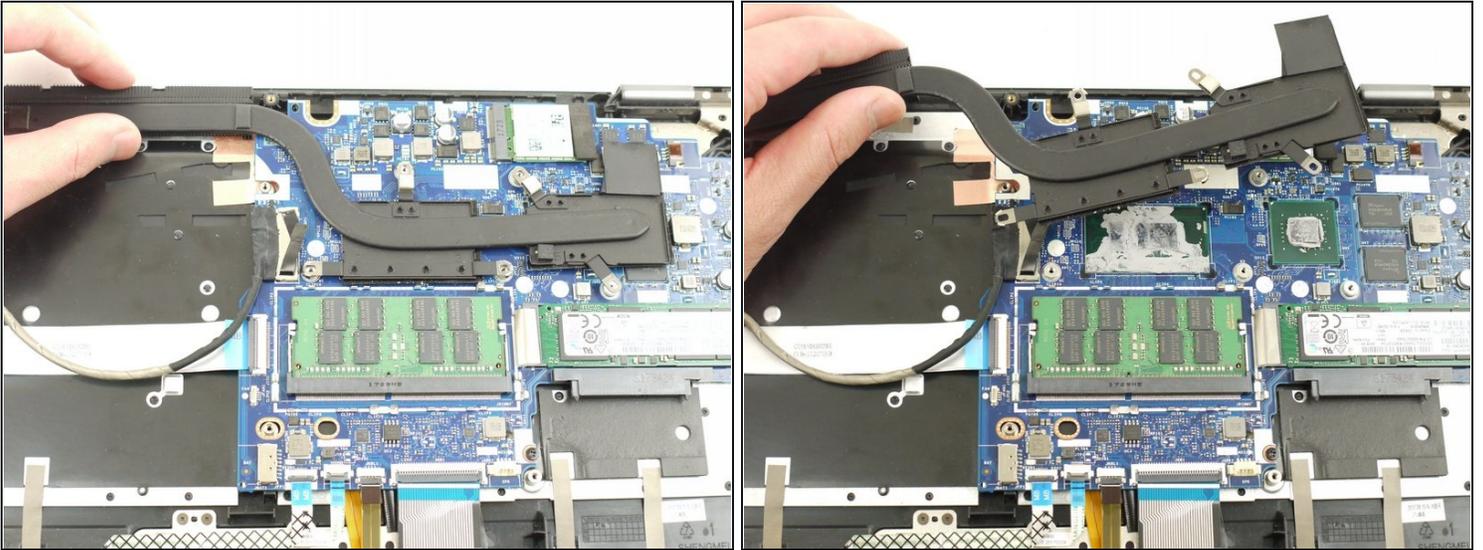
- Remove the two 5 mm Phillips #00 screws that secure the fan in place.

Step 9



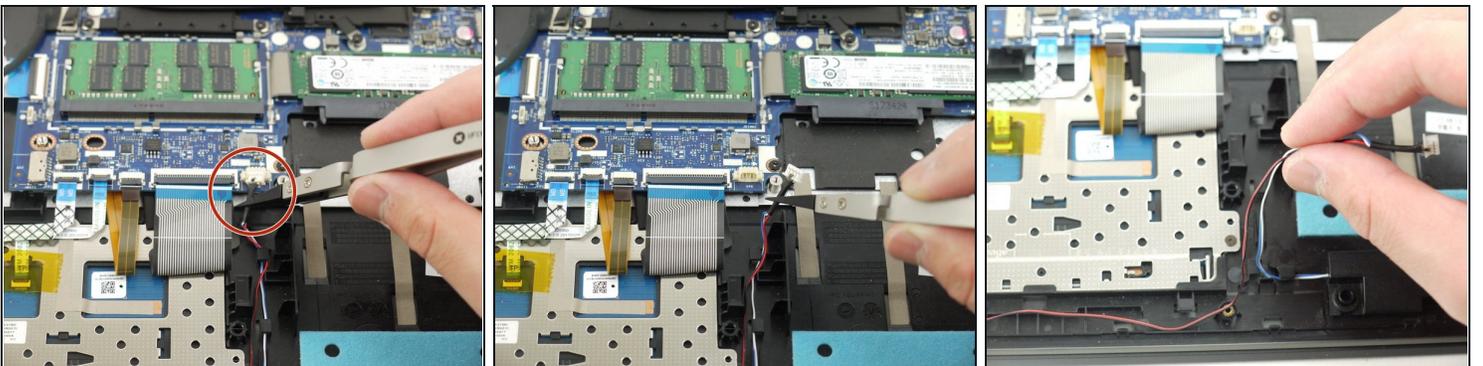
- Using your hands, remove the wire that is wrapped around the base of the fan.

Step 12



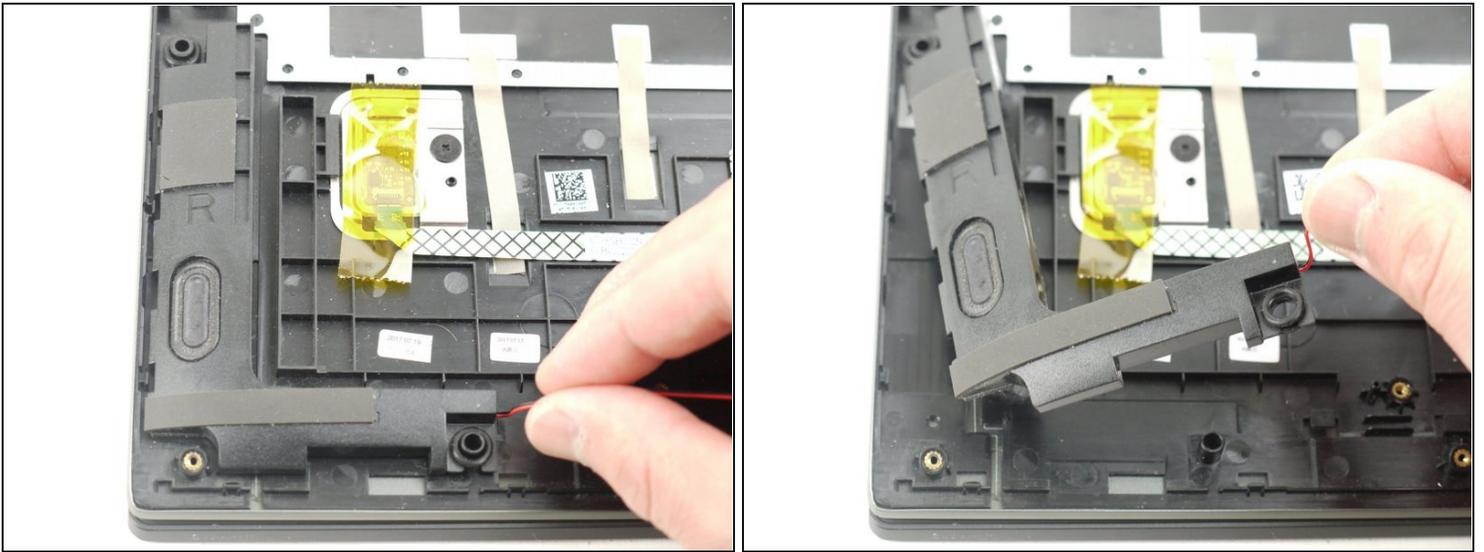
- Carefully remove the heatsink from the device.
- ☑ During reassembly, don't forget to apply thermal paste onto the heatsink. For proper technique on thermal paste application, please visit the [How to Apply Thermal Paste guide](#).

Step 13 — Speakers



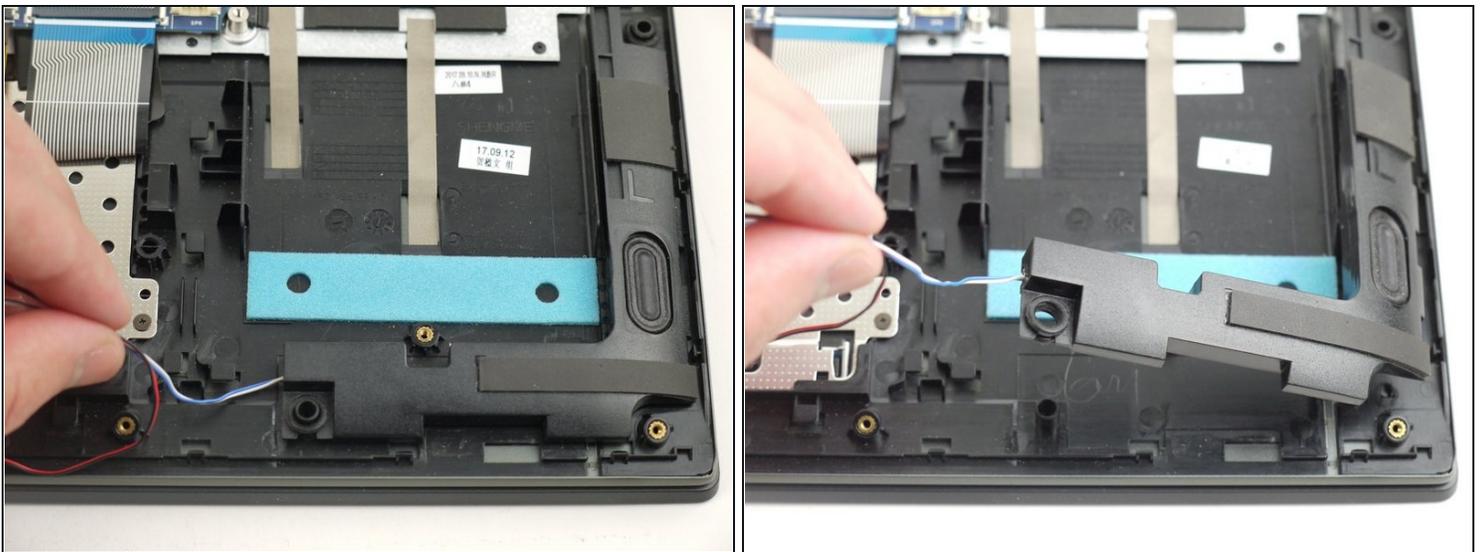
- Using the iFixit nylon tipped tweezers, disconnect the wire that connects the speakers to the motherboard.

Step 14



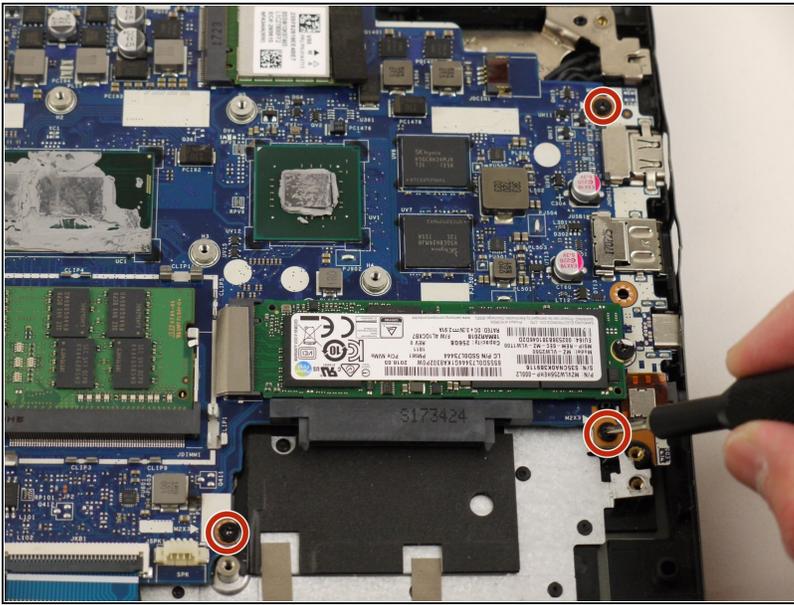
- Using your hands, gently pull the left speaker up and out of the device.

Step 15



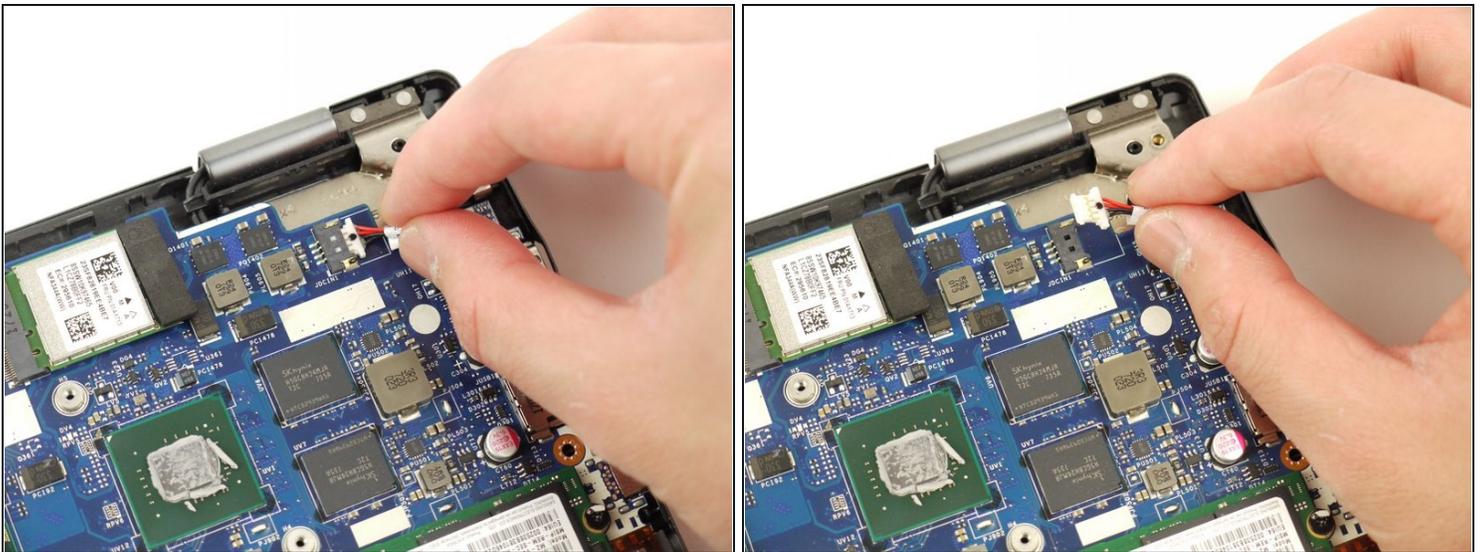
- Repeat the previous step for the other speaker and remove the speakers from the device.

Step 16 — Motherboard



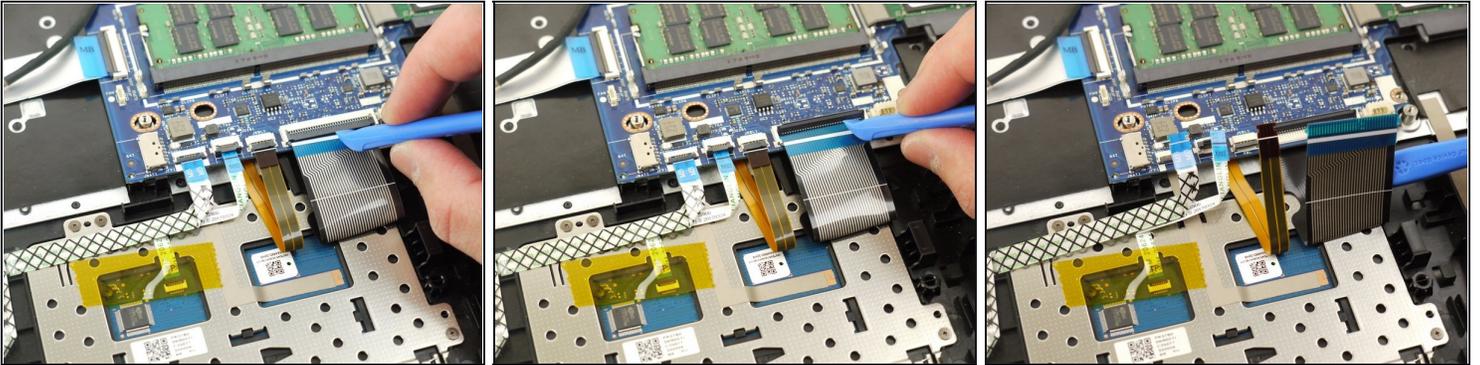
- Using the Phillips #00 screwdriver, remove the three 5 mm Phillips #00 screws securing the motherboard.

Step 17



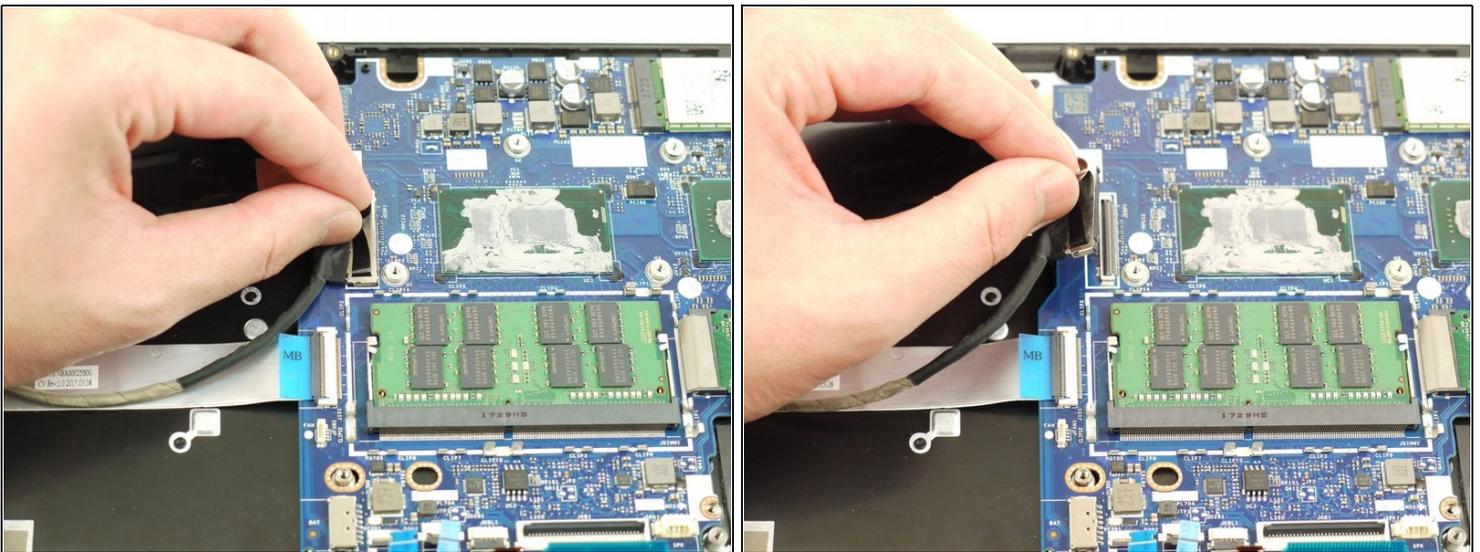
- Disconnect the auxiliary port cable from the motherboard.

Step 18



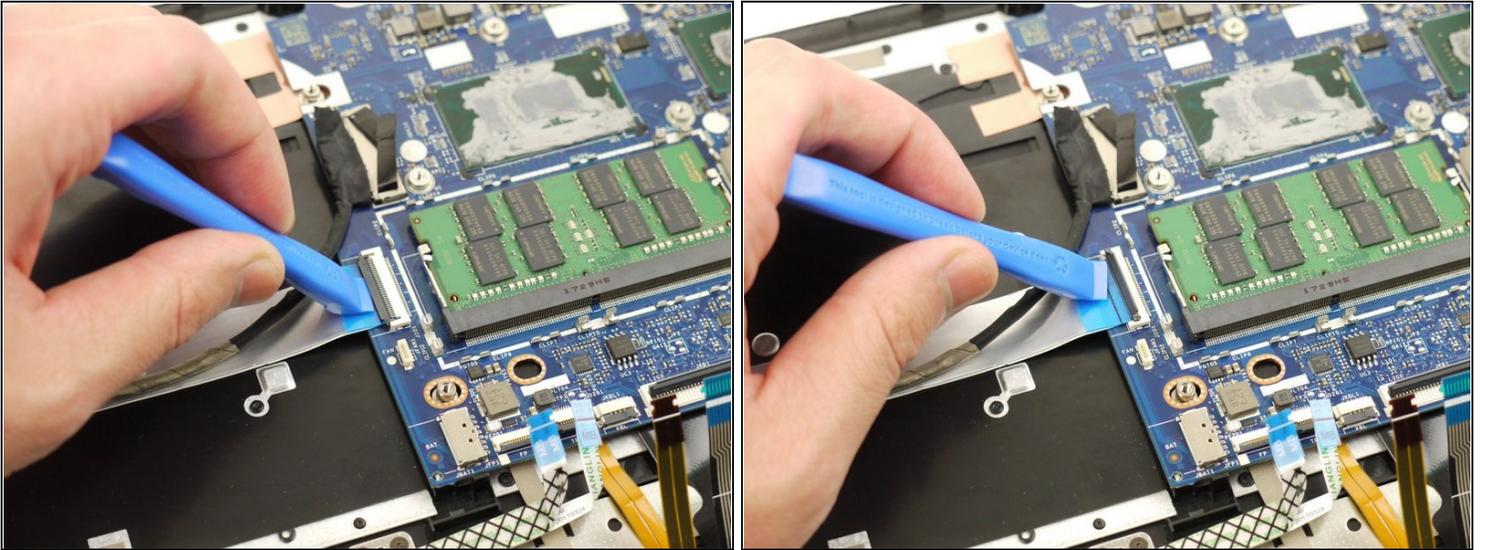
- Using a plastic opening tool, unlock the four ZIF connectors of the flat cables.
- Lift up the connector locking tab and disconnect the cables from the motherboard.

Step 19



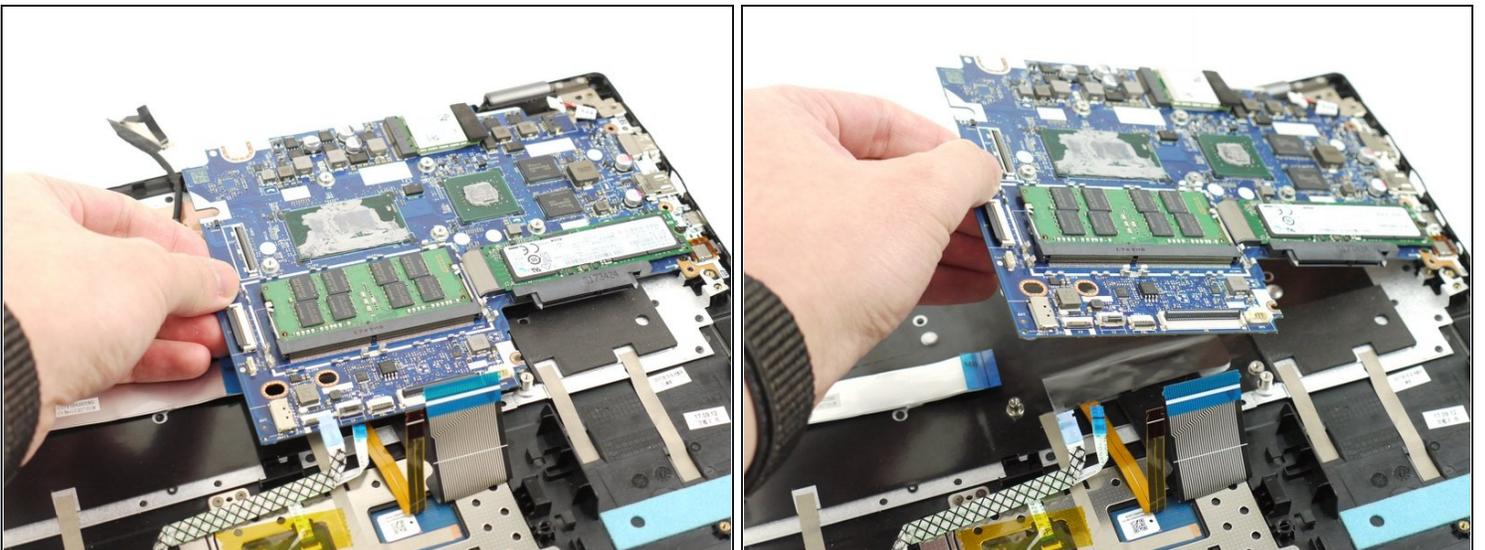
- Disconnect the display cable from the motherboard.

Step 20



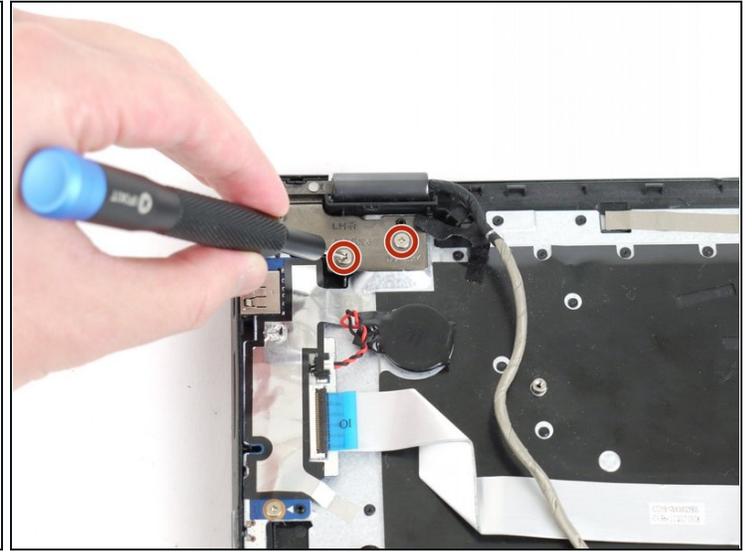
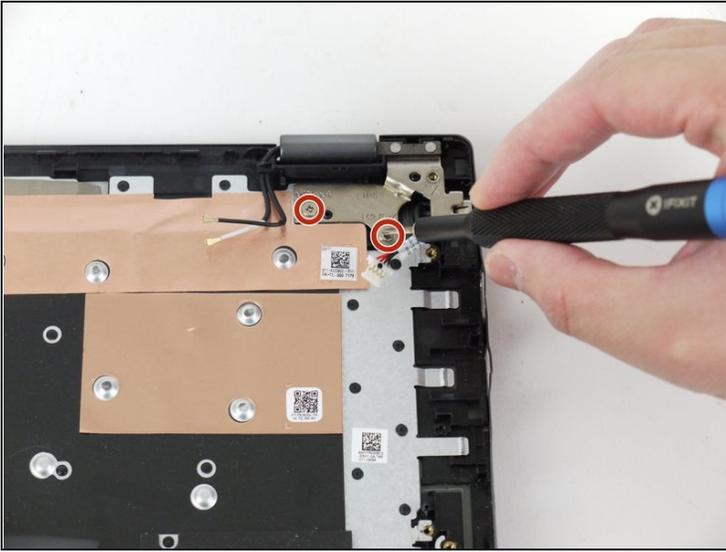
- Using the plastic opening tool, unlock the connector for the side ports panel and disconnect the cable from the motherboard.

Step 21



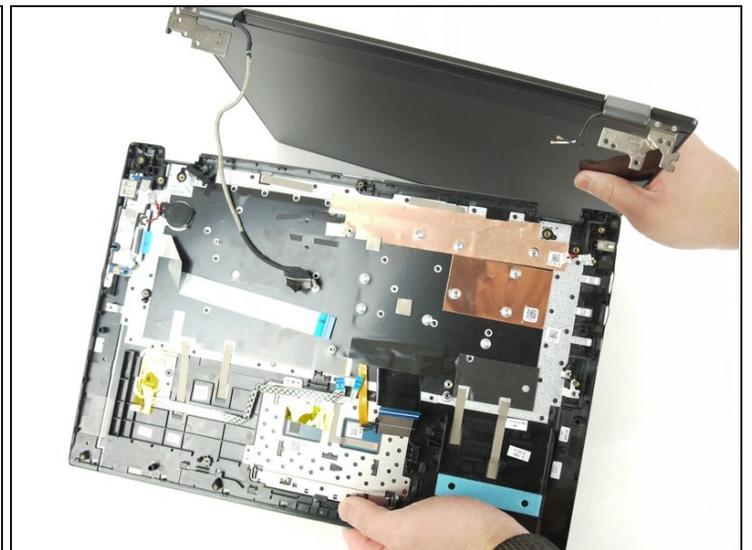
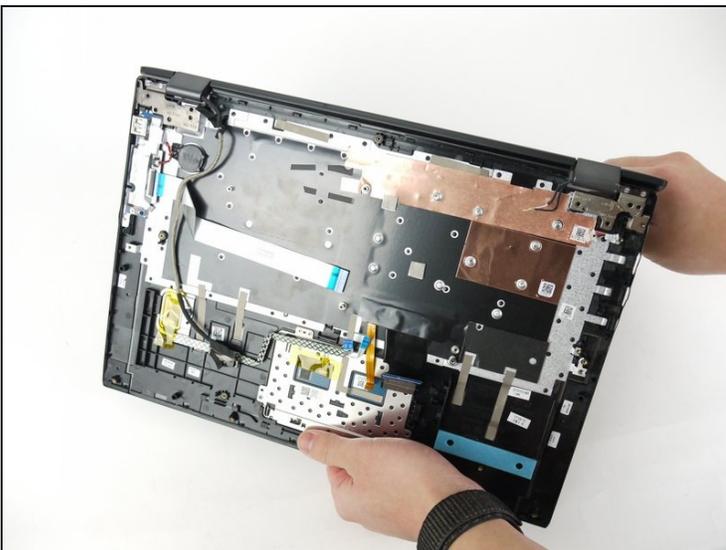
- Carefully lift and remove the motherboard from the device.

Step 22 — Display Assembly



- Using the Phillips #00 screwdriver, remove the four total 5 mm screws from the left and right hinges (two screws on each hinge).
- ⓘ For proper screwdriver technique, please visit the [Screwdriver Best Practices guide](#).

Step 23



- Disconnect the display assembly from the rest of the device.

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

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