



Acer Chromebook C720-2420 Motherboard Replacement

Use this guide to locate or replace the motherboard on your Acer Chromebook C720-2420.

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INTRODUCTION

This guide will provide you with simple and clear steps on how to replace the motherboard on an Acer Chromebook C720-2420.



TOOLS:

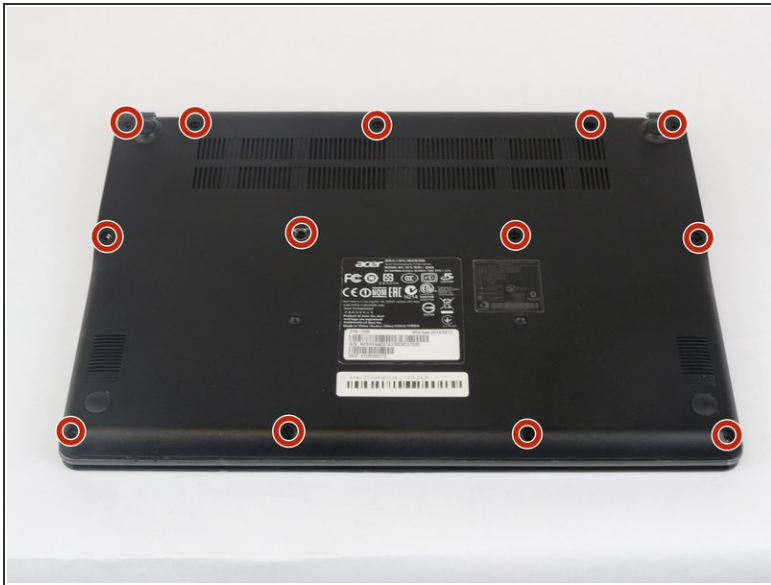
- [Precision Tweezers Set](#) (1)
- [iFixit Opening Tool](#) (1)
- [64 Bit Driver Kit](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)



PARTS:

- [Acer C720 Motherboard](#) (1)

Step 1 — Back Cover Replacement



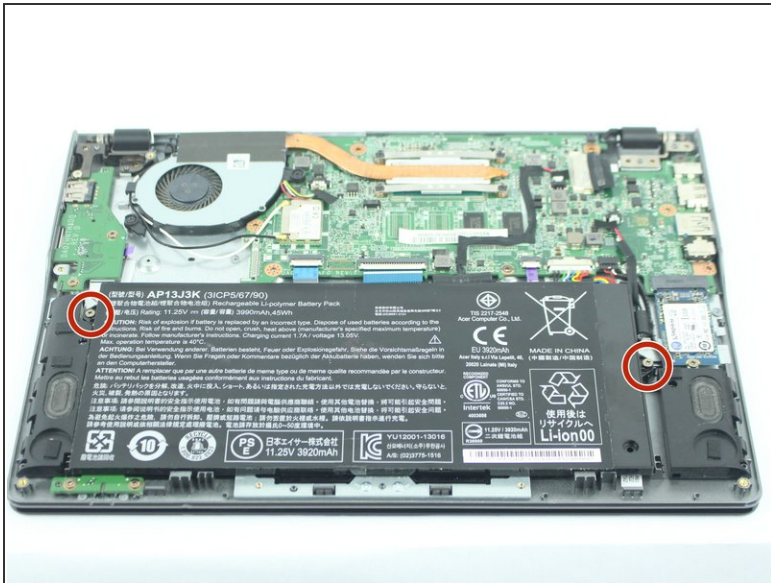
- ❗ Place your Chromebook upside down.
- Utilizing the precision magnetized Phillips #0 screwdriver, remove all thirteen 6.5 mm Phillips screws that secure the back cover.
- ⚠ Before doing anything, make sure your Acer Chromebook is completely turned off.

Step 2



- Use the plastic opening tool to carefully remove the bottom.

Step 3 — Battery



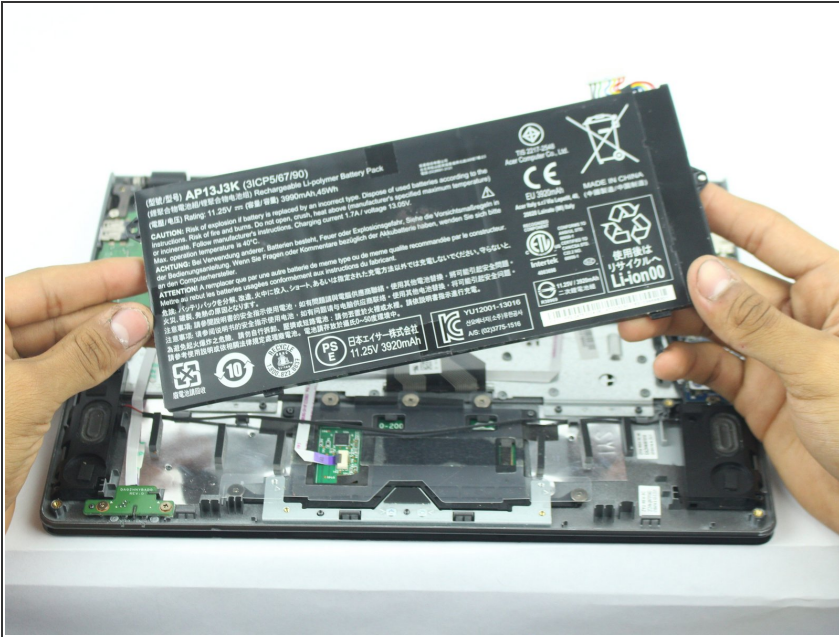
- Remove the two 3.6 mm Phillips screws holding the battery in place.

Step 4



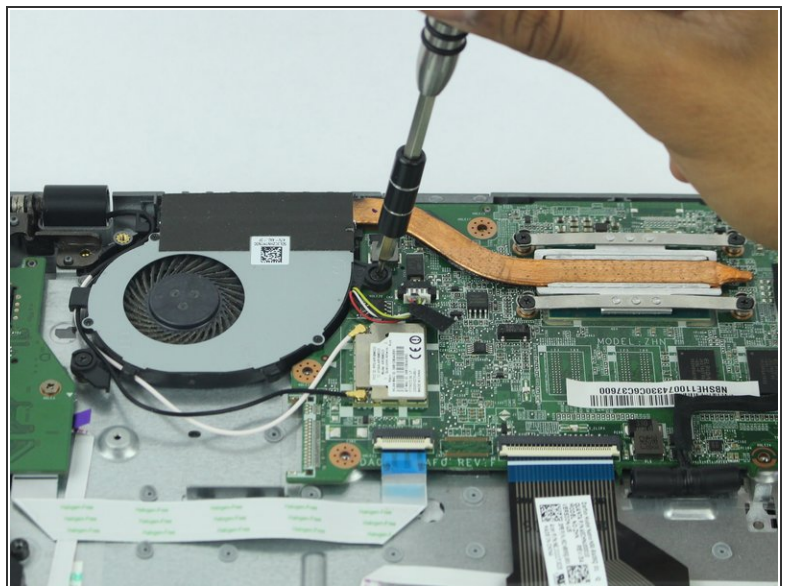
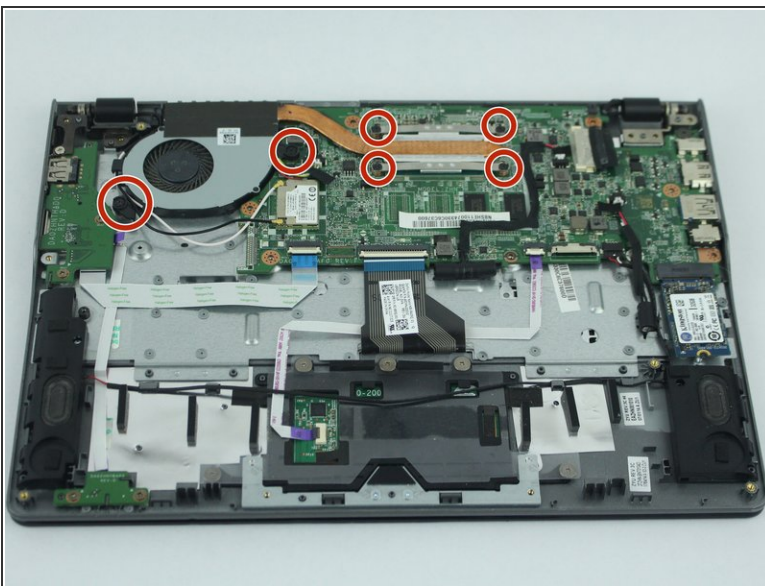
- Disconnect the connector that attaches the battery to the Chromebook with a pair of pliers or tweezers.
- ① Alternatively, you could use your hands, as it may be difficult to unhook the connector.

Step 5



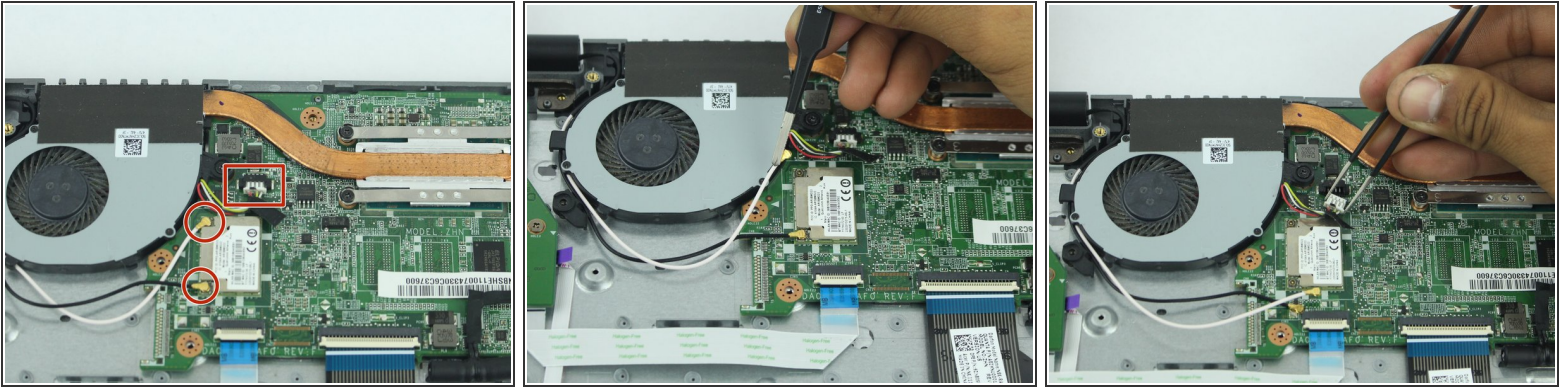
- Remove the battery.

Step 6 — cooling fan / CPU heat sink assembly



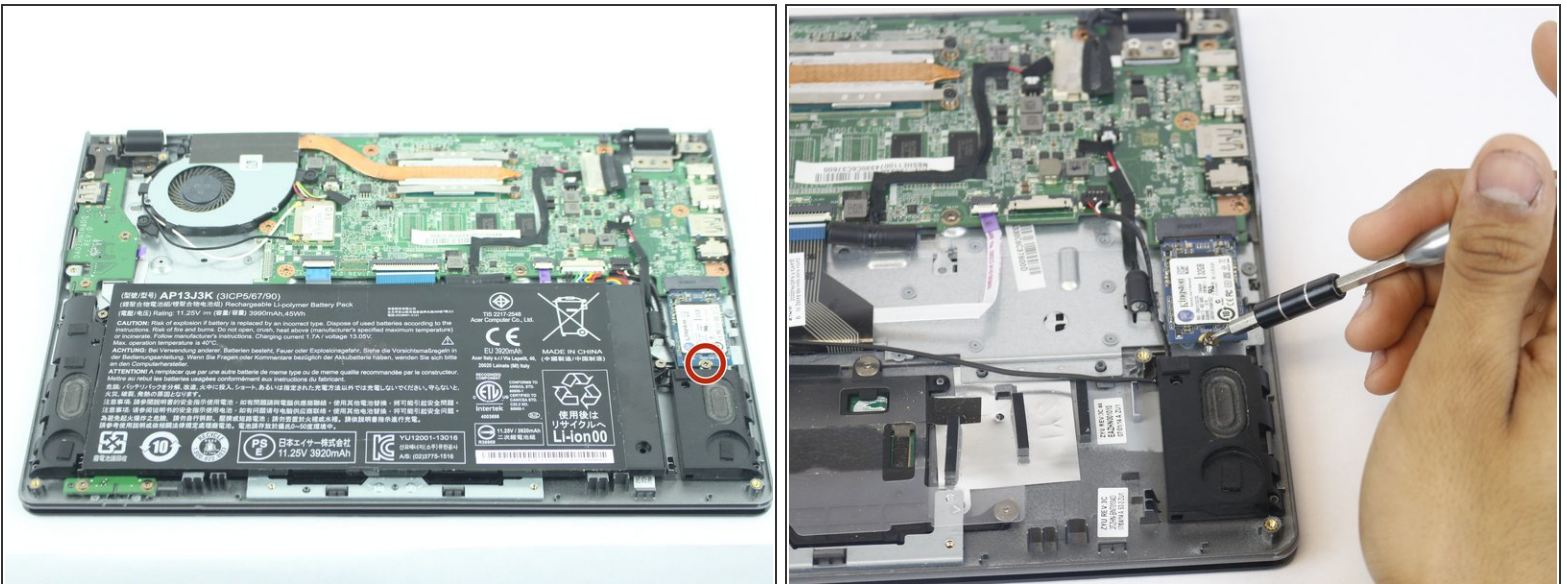
- Remove the six 4.7 mm Phillips screws that secure the fan.

Step 7



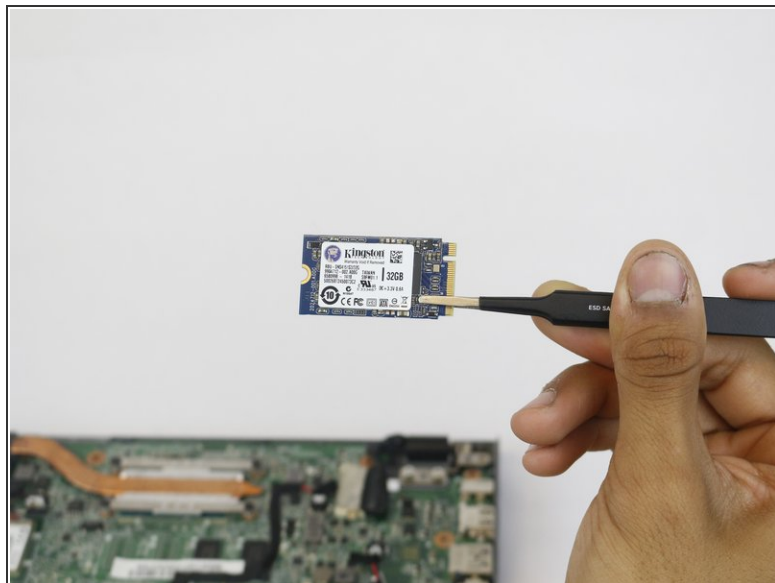
- Disconnect these cables from the motherboard using the tweezers.
- ❗ Alternatively, you may use your hands.
- Pull out the fan.

Step 8 — Memory



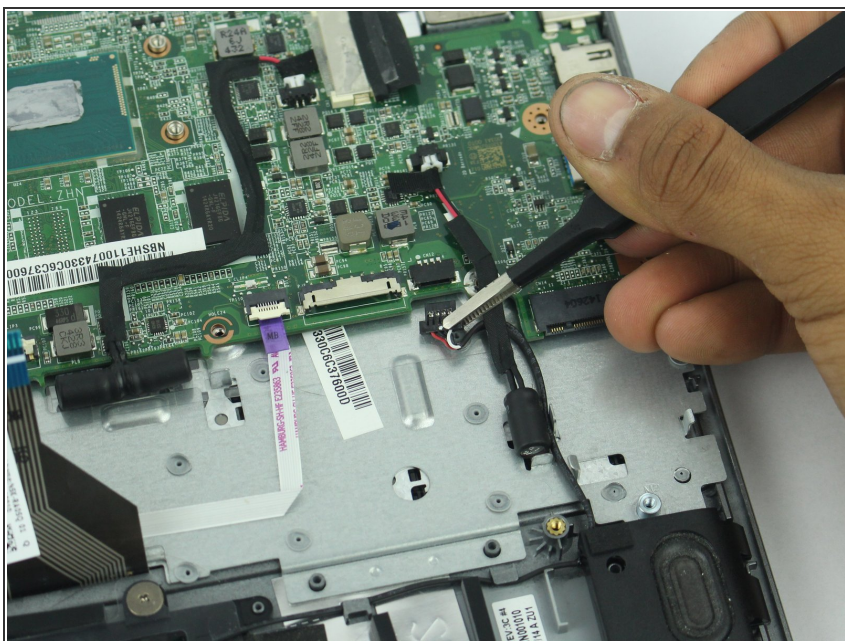
- Remove the 3.6 mm Phillips screw that secures the SSD in place.

Step 9



- Pull out the SSD.

Step 10 — Motherboard



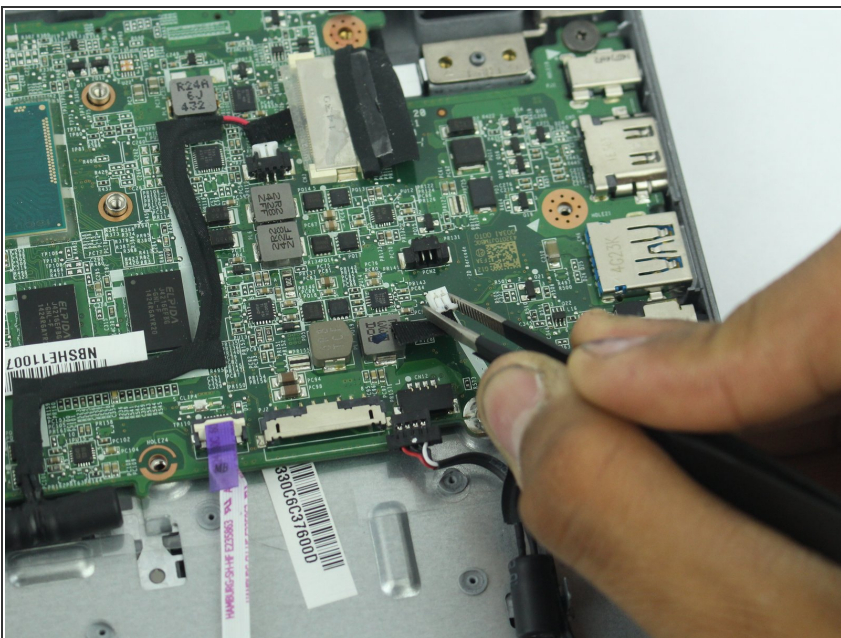
- Disconnect the speaker cable from the motherboard.

Step 11



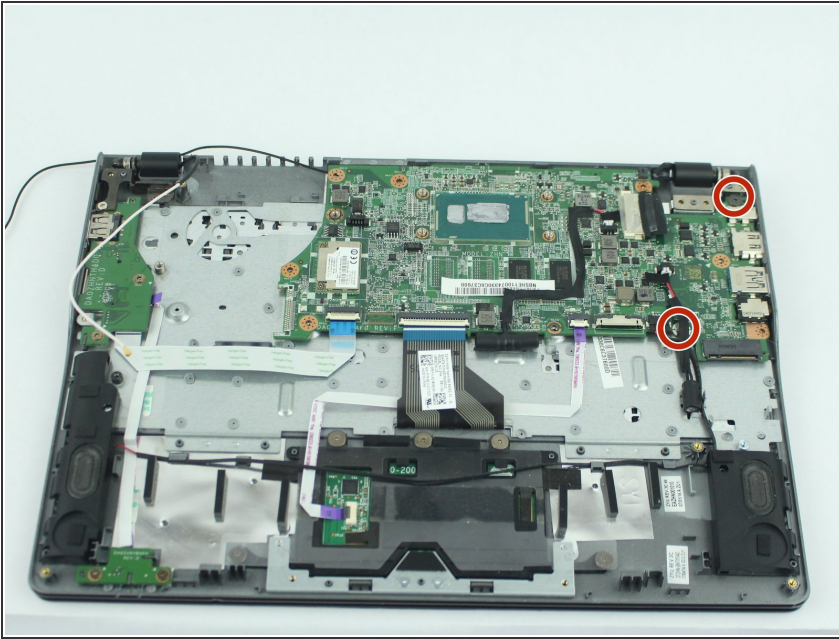
- Disconnect the display cable from the motherboard.

Step 12



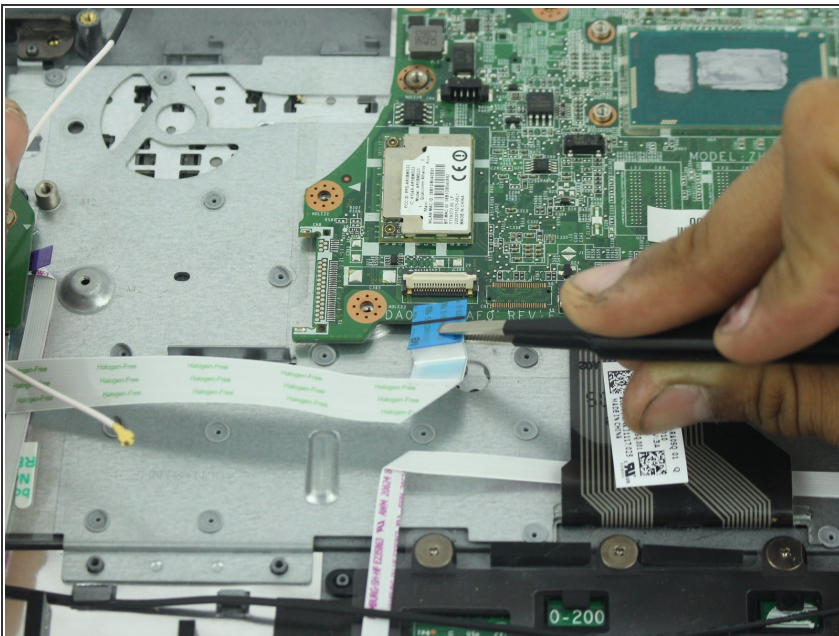
- Gently pull out the wire for the 2 PIC connectors.

Step 13



- Remove the two 3.7 mm Phillips screws that hold the motherboard in place.

Step 14



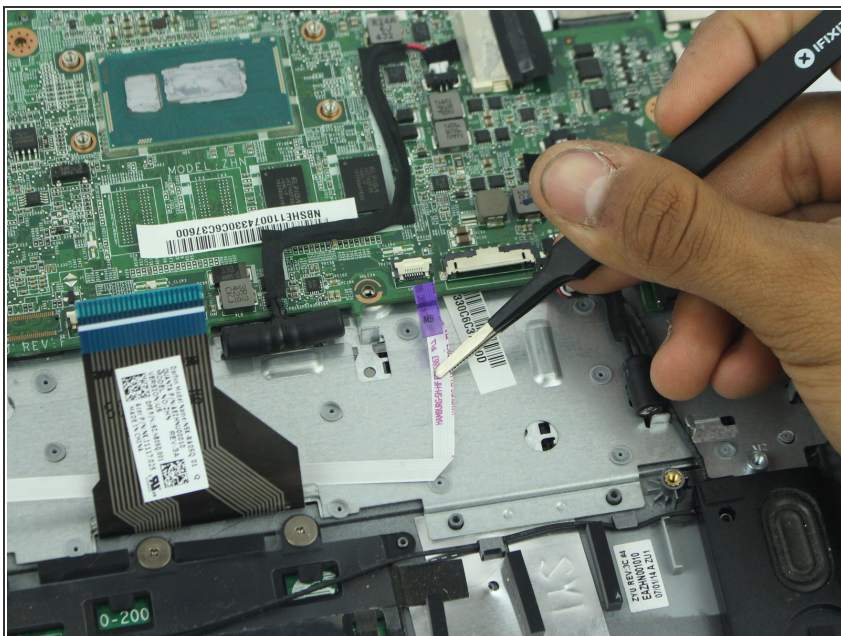
- Lift up the black tab on the ZIF connector to release the ribbon cable.
- Carefully remove the ribbon cable.

Step 15



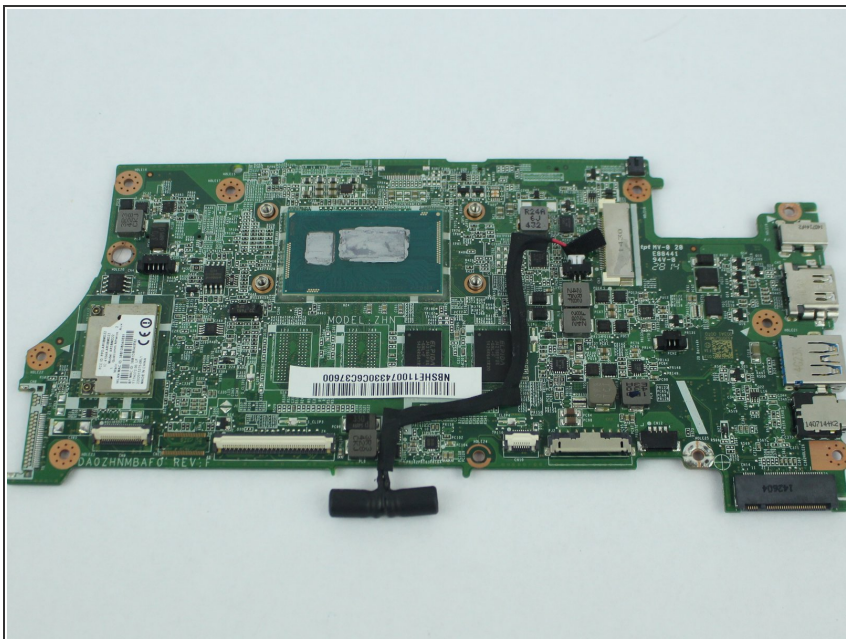
- Lift up the black tab on the ZIF connector to release the ribbon cable.
- Gently remove the ribbon cable

Step 16



- Lift up the black tab on the ZIF connector to release the ribbon cable.
- Remove the ribbon cable.

Step 17



- Lift up and remove the motherboard.

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