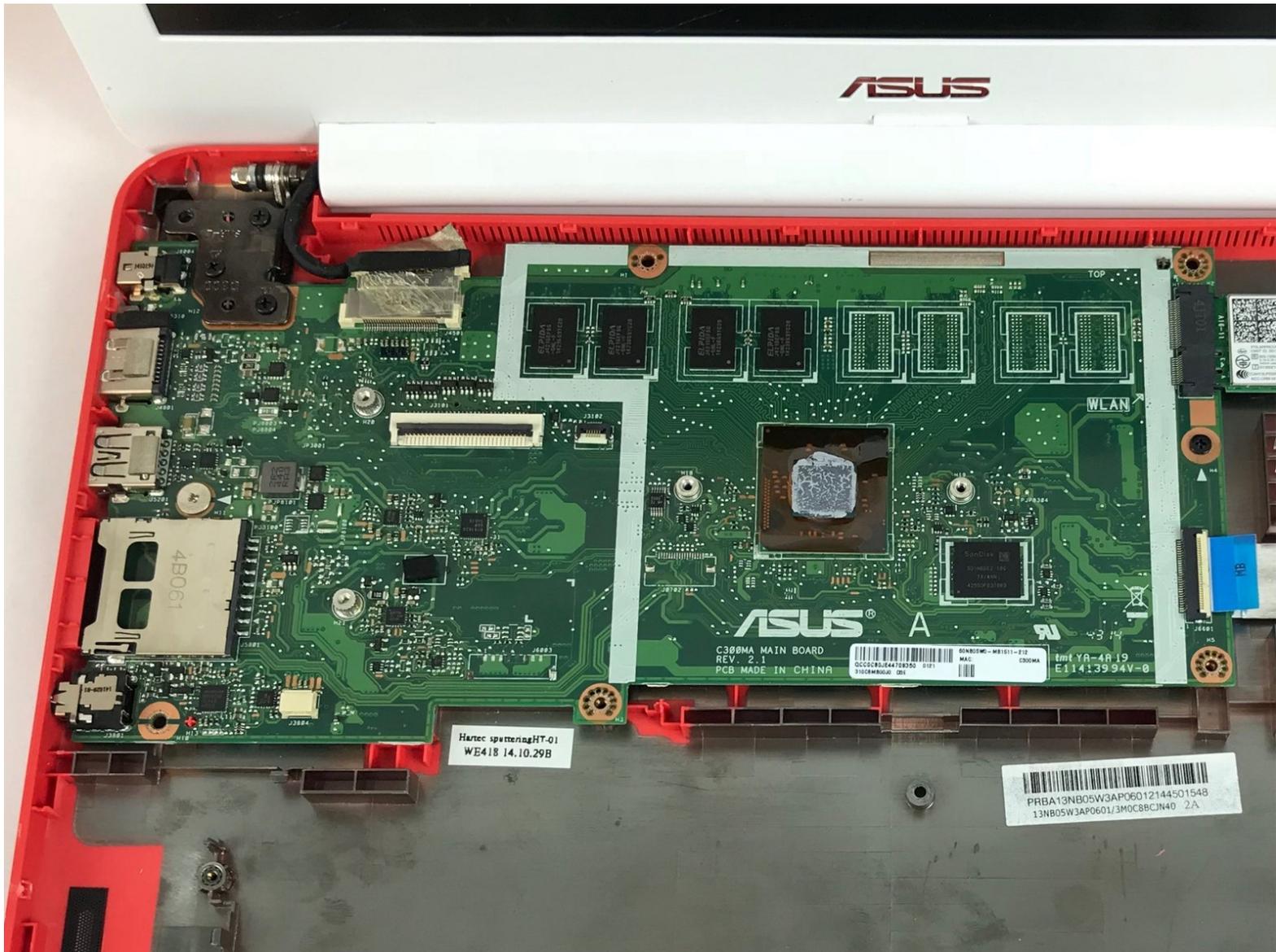![iFixit logo]

ASUS Chromebook C300MA-DH01 Motherboard Replacement

This guide will demonstrate how to replace a broken or malfunctioning motherboard on the ASUS Chromebook C300MA-DH01.

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🔧 TOOLS:

- JIS #0 Screwdriver (1)
- iFixit Opening Tools (1)
- Metal Spudger (1)

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Step 1 — Motherboard

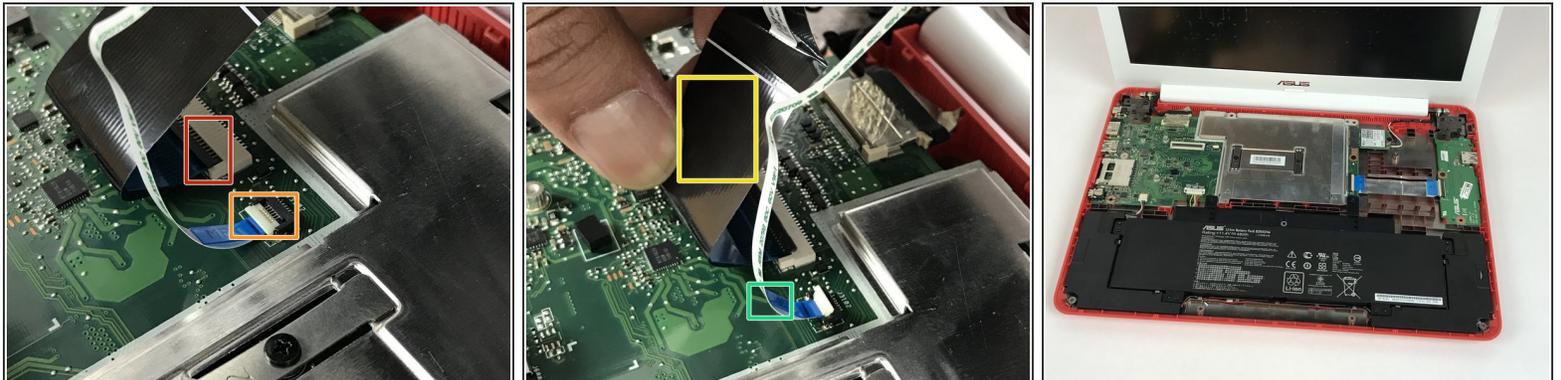- Flip the Chromebook over so the bottom of the device is facing up.

Step 2

- Using the JIS J0 Screwdriver, remove the following screws from the bottom:

- (5) Five 6mm screws

- (6) Six 8mm screws

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Step 3

- Gently wedge the spudger in between the bottom of the device and the keyboard, and carefully pry the cover open. Then, carefully lift up on keyboard.
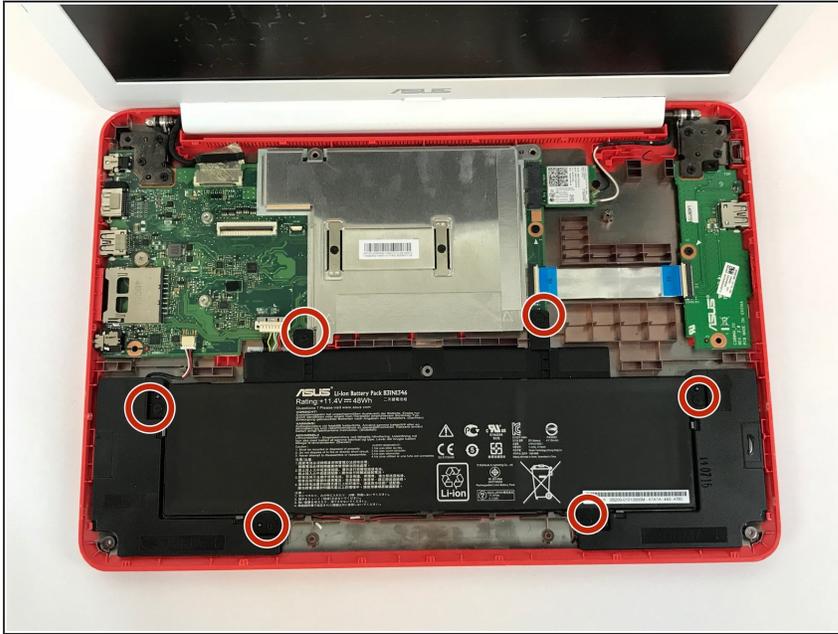
Step 4

- (i) Gently detach connecting cables.

- Carefully flip up the large black tab.

- Carefully flip up the small white tab.

- Remove its corresponding black cable.

- Remove its corresponding white cable.

- (i) The keyboard will be fully detached at this point. Set it aside for now.

Step 5

- Using the JIS J0 Screwdriver, unscrew and remove the (6) six 6mm screws from the device.
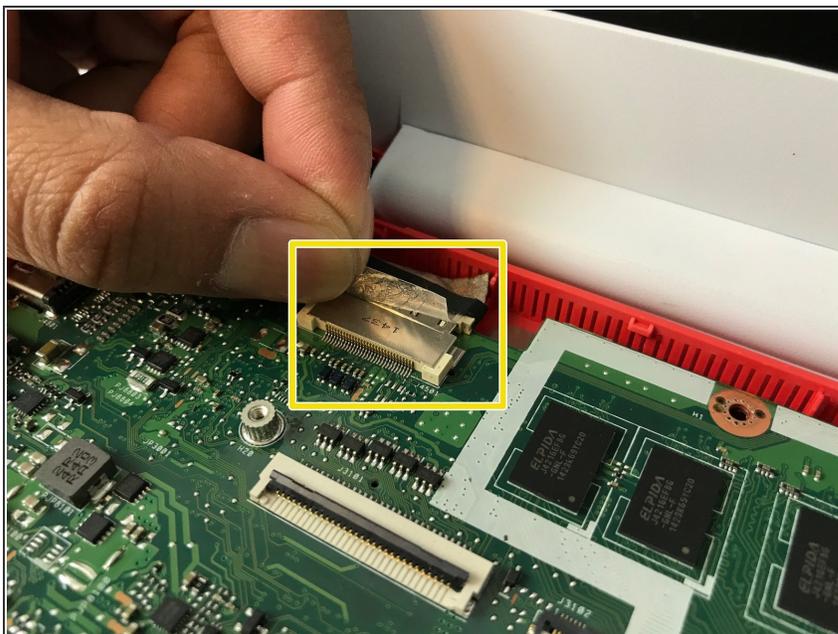
Step 6

- Using the plastic opening tool, gently push the connector tab away from the battery to detach the cable.

- ⓘ The battery will be fully detached at this point. Carefully lift it out of the device.

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Step 7

- Using the plastic opening tool, disconnect the audio connection by pushing the audio tab toward the speakers.

- With the audio cable detached, carefully lift the speakers out of the device.

Step 8

- Remove the LCD cable from the motherboard.

- Peel back the tape and then gently pull back on the connector cable.
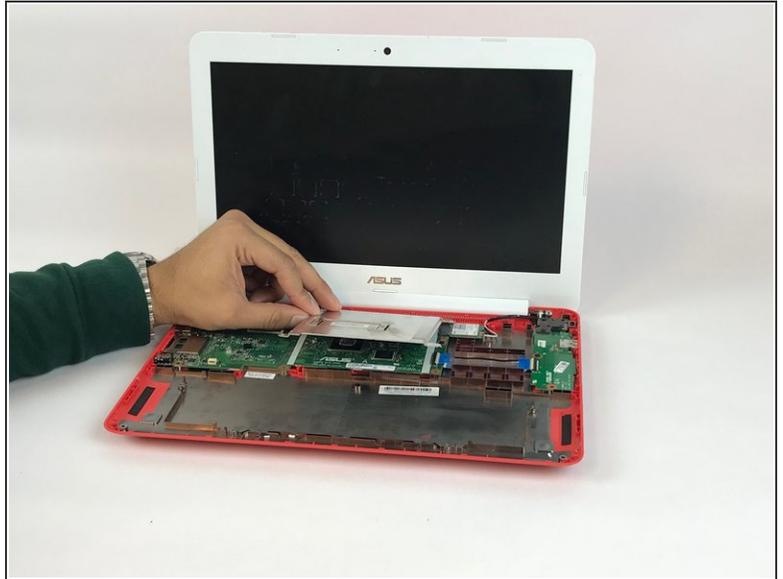
Step 9

- Using the JIS J0 screwdriver, unscrew the 3mm screw.

- Remove the Wi-Fi card from the motherboard.

Step 10

- Using the plastic opening tool, lift up on data cable for the daughterboard to remove it from the device.
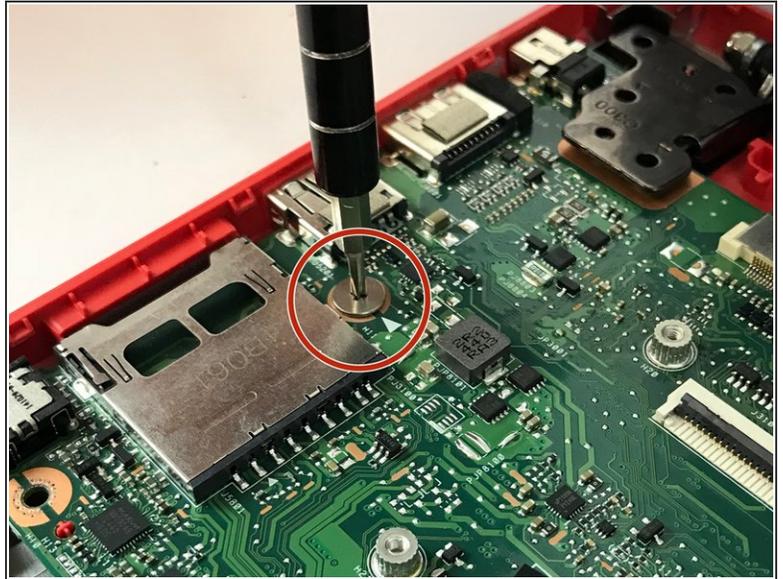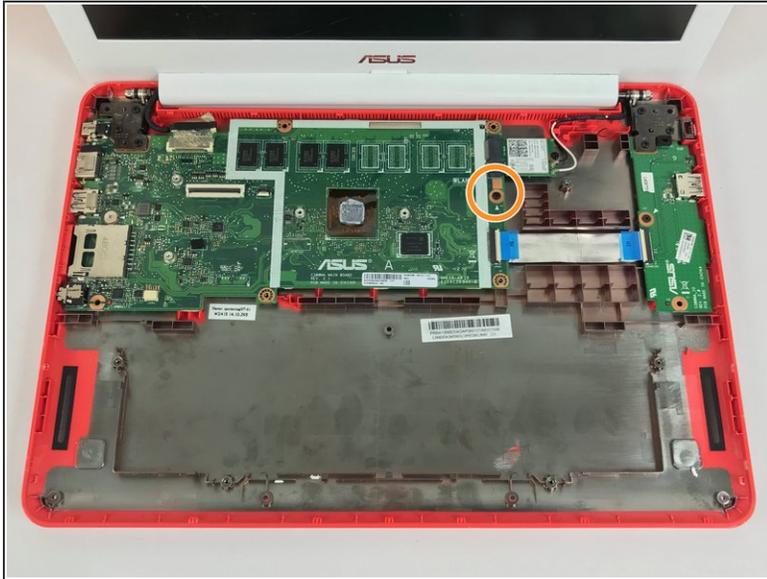
Step 11

- Using the JIS J0 Screwdriver unscrew and remove the (2) two 3 mm screws from the heat shield.

- Gently lift up on the heat shield to remove it.

Step 12

- Using the JIS J0 Screwdriver, unscrew and remove the (3) three 6mm screws from the left hinge.

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Step 13

- Using the JIS J0 Screwdriver, unscrew and removing the following:

- (1) One 3mm screw from the right side of the motherboard.

- (1) One 4mm silver screw from the left side of the motherboard.

- (i) The motherboard can now be carefully removed from the device.

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

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