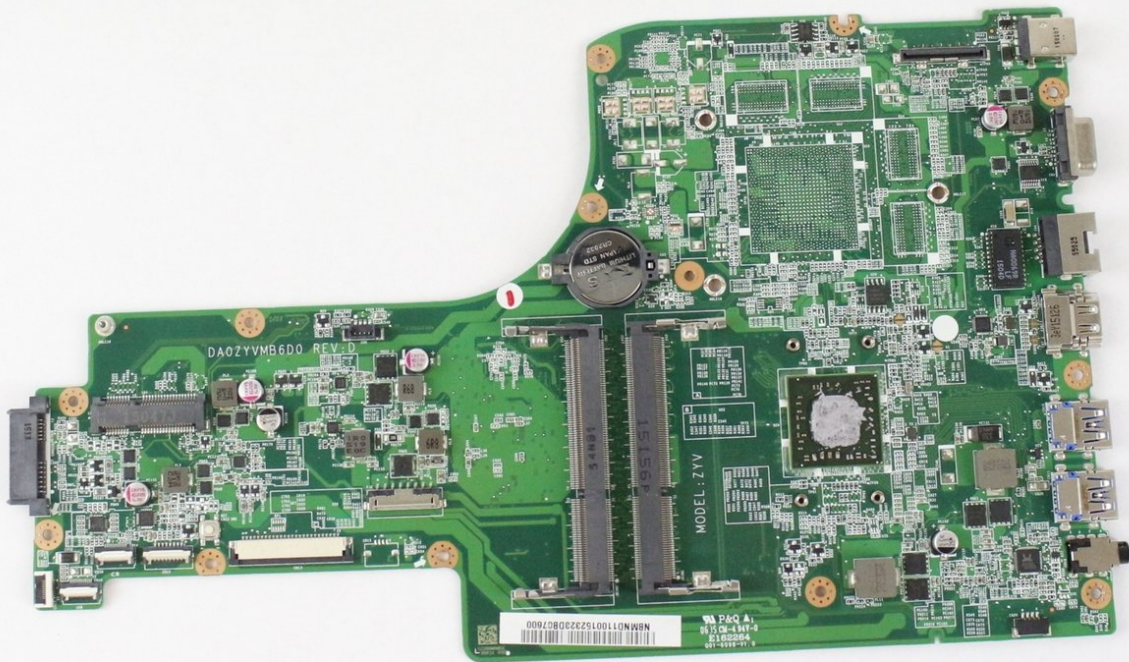




Acer Aspire E5-721-64T8 Motherboard Replacement

How to remove and replace the motherboard for an Acer Aspire E5-721-64T8.

Written By: Jamie Kleinkopf



INTRODUCTION

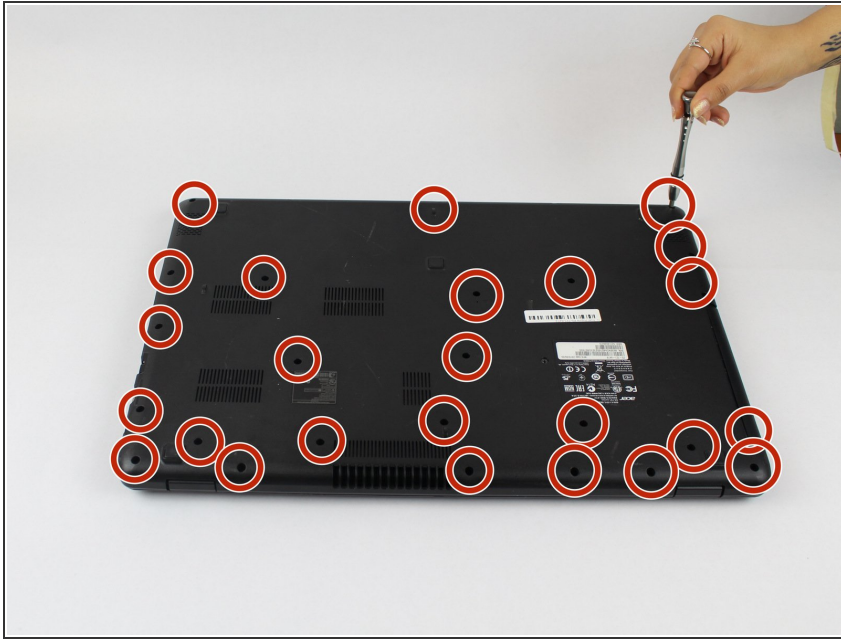
This guide will show you all the steps to remove and therefor replace the motherboard for this laptop. Be sure to disconnect the AC laptop charger before removing the battery and continuing further. Removing component connection to the motherboard in these steps can be fallowed in any order, though the removal of the back casing should obviously be first, and the removal of the motherboard itself should be last.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Battery



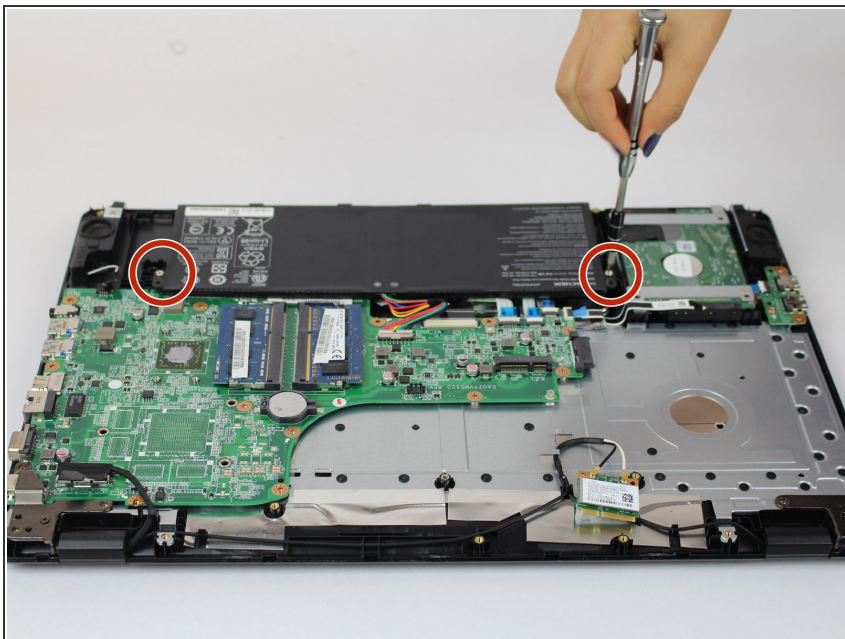
- Remove the twenty-five 6mm Phillips #0 screws from the bottom panel of the laptop.

Step 2



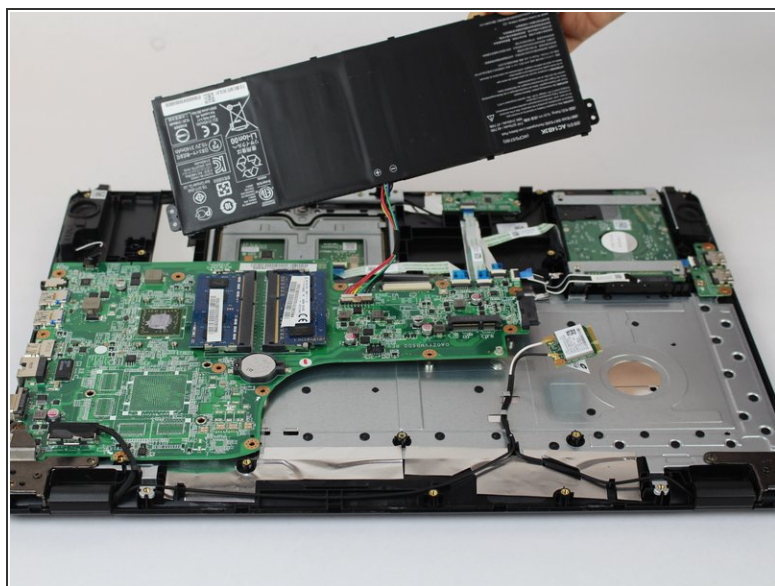
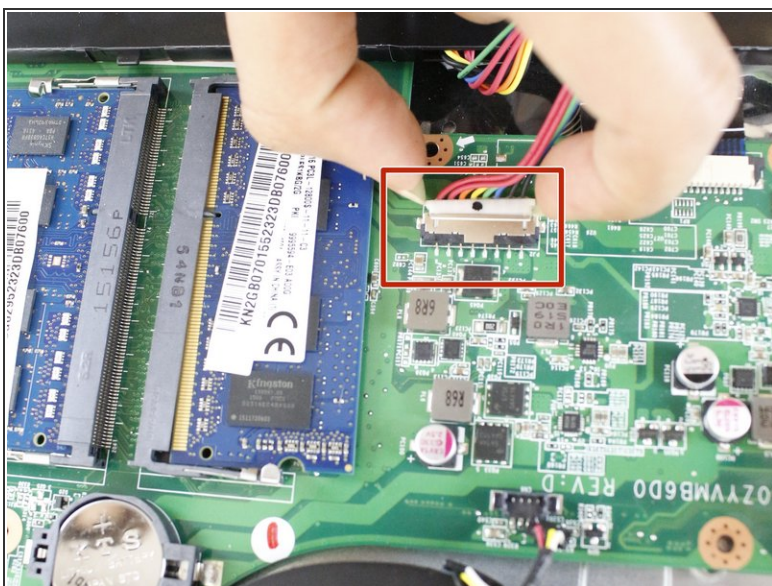
- Using the plastic opening tool, lift up on the side opposite of the Ethernet connector.
- With the plastic opening tool under the bottom panel, work your way around the perimeter until the panel separates.

Step 3



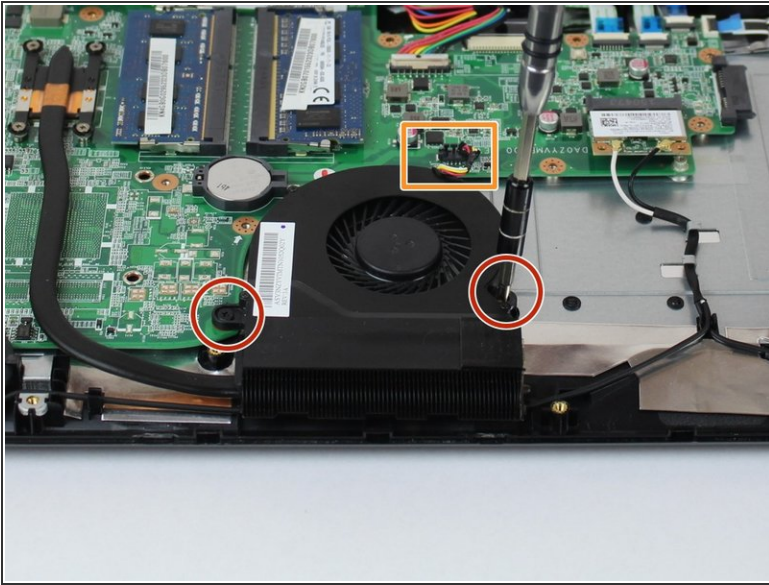
- Remove the two 6mm Phillips #0 screws from the battery.

Step 4



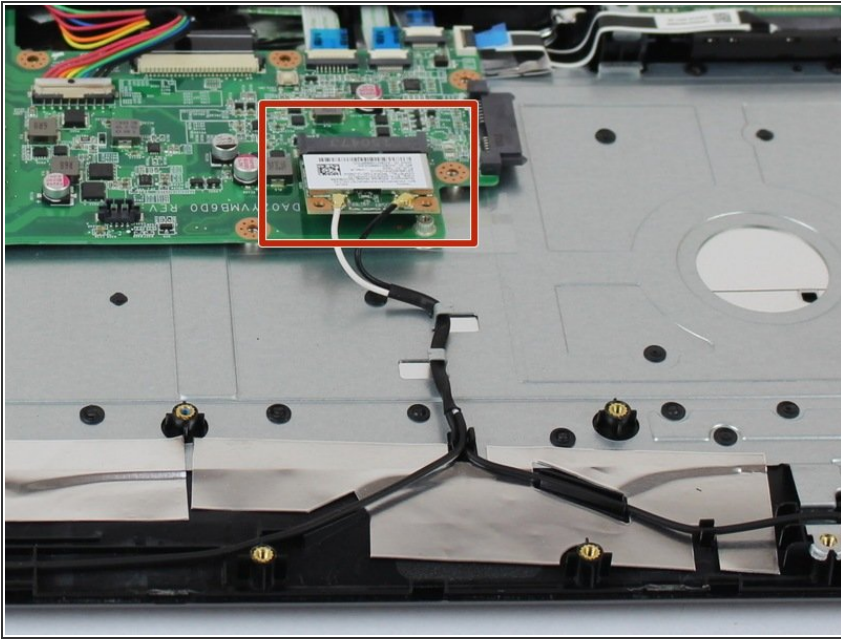
- Disconnect the battery from the motherboard.
- Pull the battery up and out of the laptop.

Step 5 — Motherboard



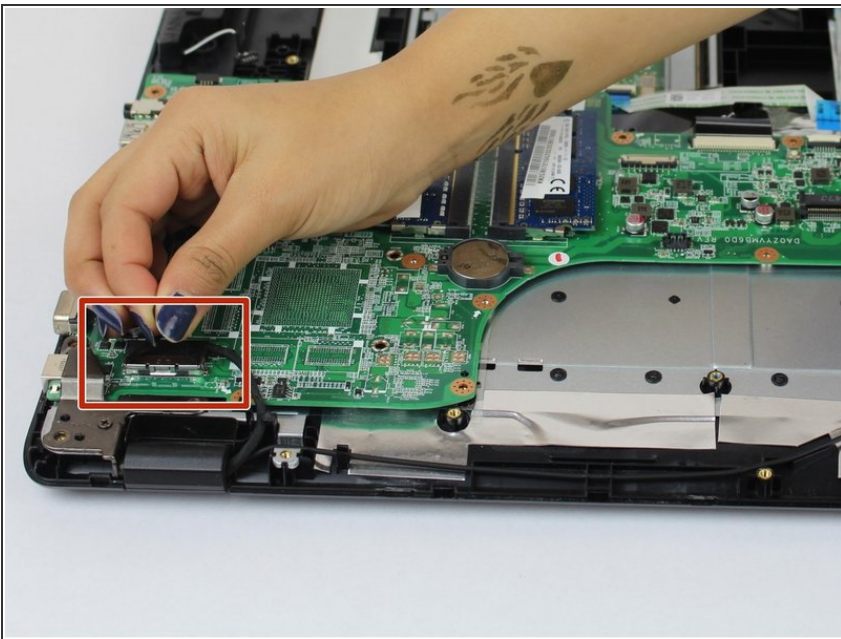
- Remove the two 6mm Phillips #0 screws from the fan.
- Disconnect the fan from the motherboard.
- Remove the four 6mm Phillips #0 screws from the heat sink.
- Lift and remove the heatsink assembly from laptop.

Step 6



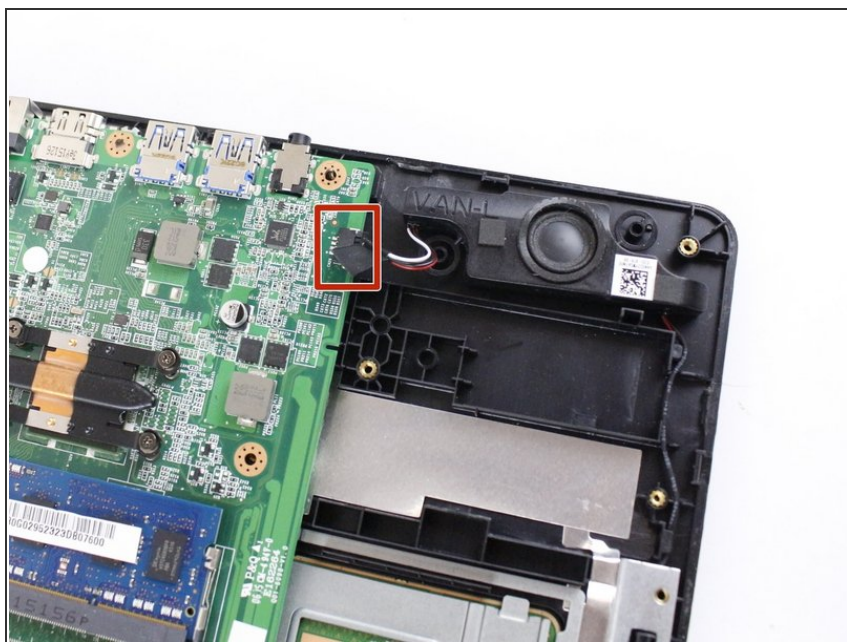
- Remove the Wi-Fi card by pulling it from the motherboard socket.

Step 7



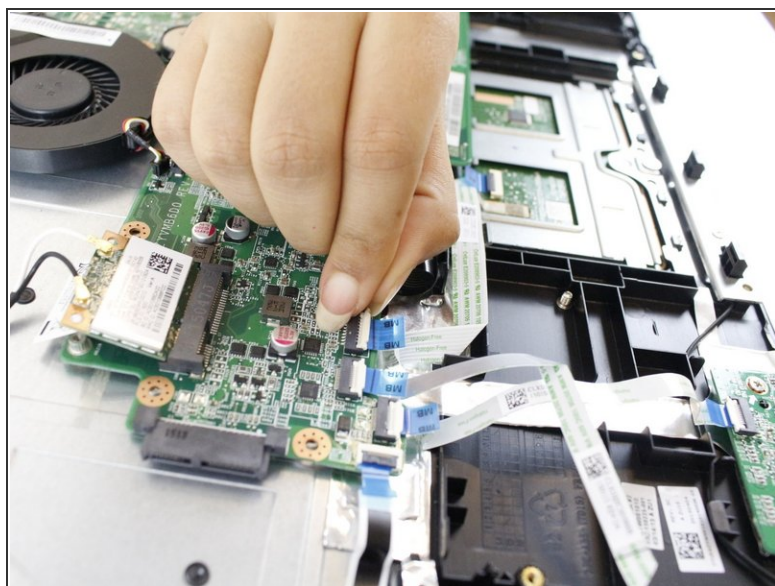
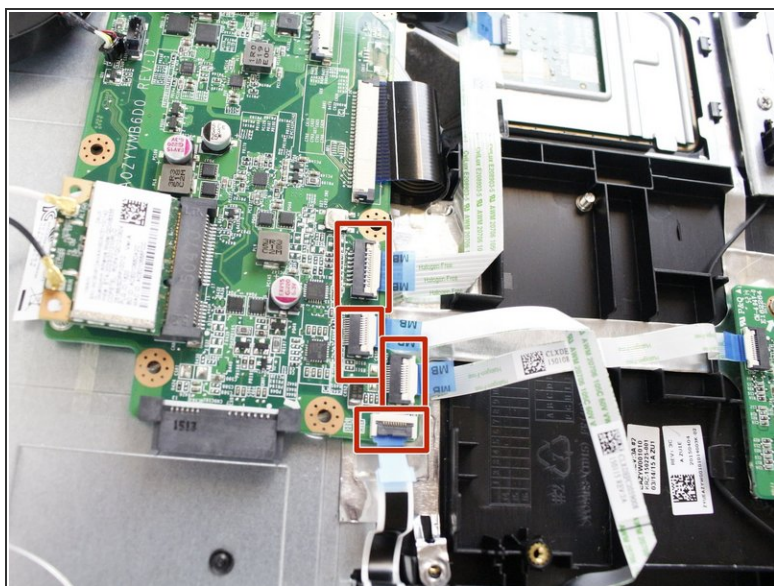
- Disconnect the display cable from the motherboard.

Step 8



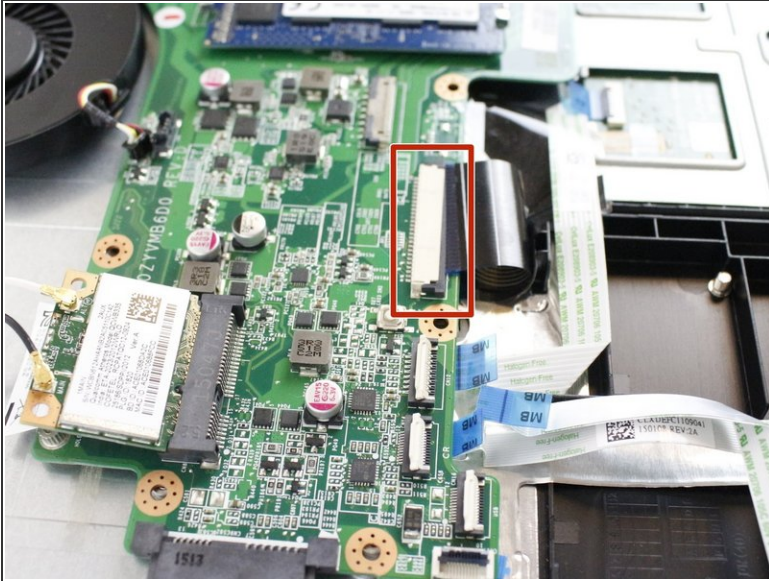
- Disconnect the speaker from the motherboard.

Step 9



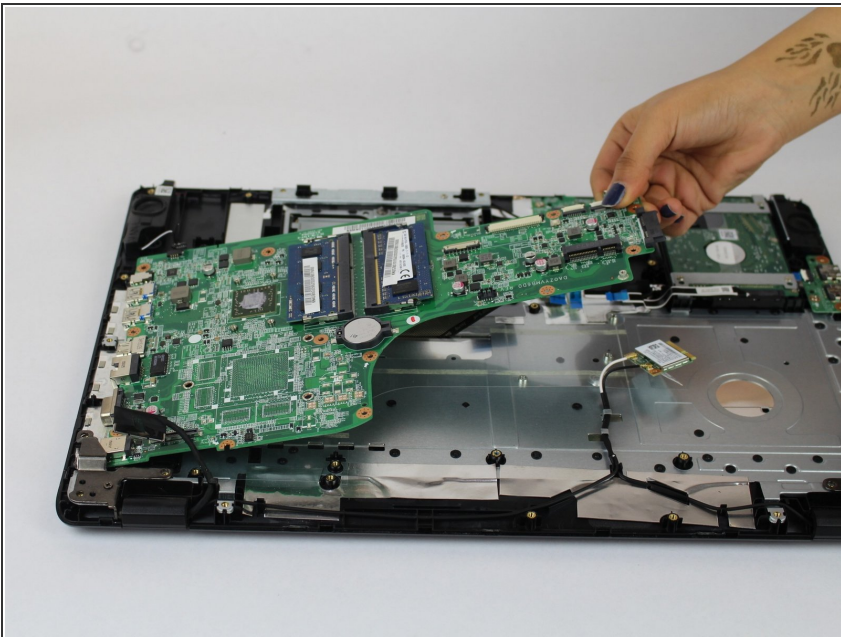
- Use a spudger to flip up the retaining flaps on the ribbon cable [ZIF](#) sockets.

Step 10



- Use a spudger to flip up the retaining flap on the black ribbon cable [ZIF](#) socket.

Step 11



- Lift the motherboard up from the narrow side and jiggle slightly so that way it doesn't get caught on the ports of the laptop case.

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