Acer Iconia Tab 8 A1-860 Motherboard Replacement

This guide will assist you in removing the motherboard from your Acer Iconia A1-860 tablet.

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INTRODUCTION

Most components either connect or interface with the motherboard in some way. Because there is a lot involved, this guide shows how to remove it properly.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Spudger (1)
- Phillips #00 Screwdriver (1)
- Phillips #000 Screwdriver (1)
- Tweezers (1)
- iOpener (1)

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Step 1 — Rear Case

- Insert the plastic opening tool into the seam between the back case and the display.

- Work the plastic opening tool around the seam until the rear case separates from the display.
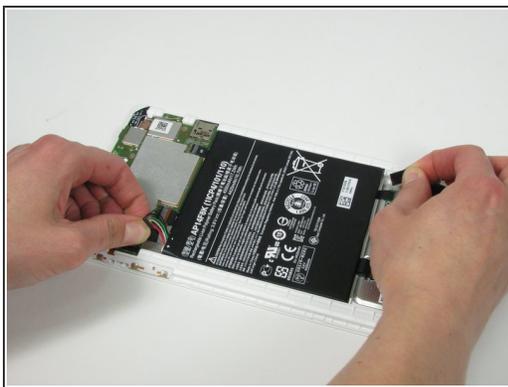
Step 2

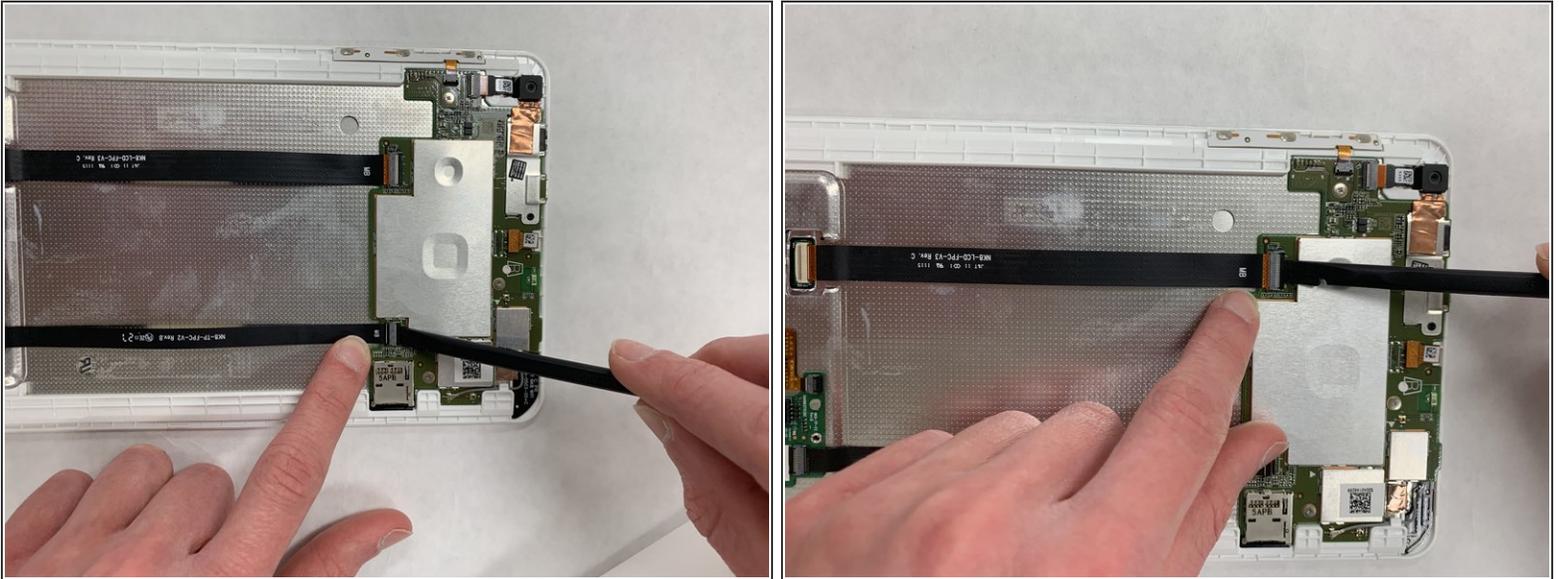- Separate the rear case and place the tablet face side down.

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Step 3 — Battery

- Using a spudger, work the tool under the battery connector located above the battery on the left side, and lift it free.
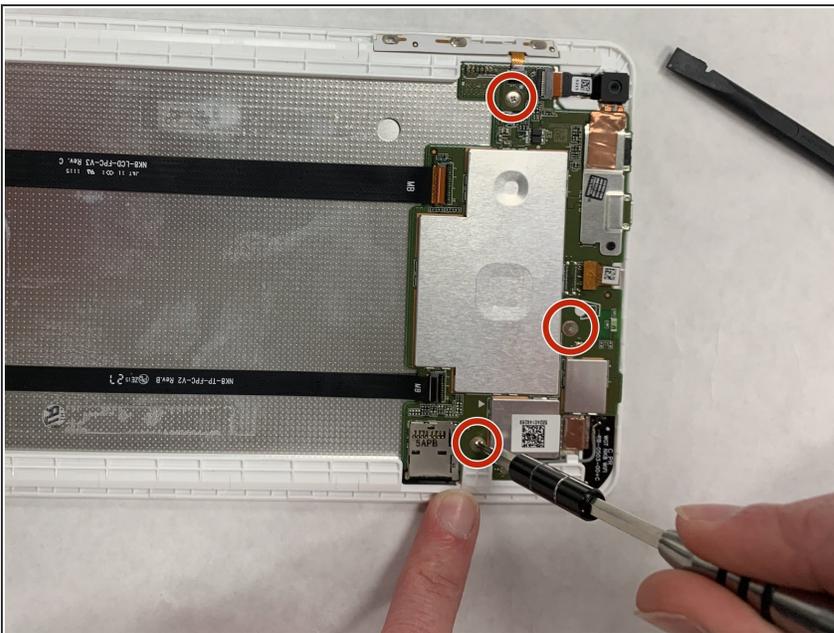
Step 4

- Pull firmly on the black tabs, located at the top left and bottom right of the battery.

- (i) The clear adhesive strips attached to the tabs are quite stretchy. Don't give up; keep pulling the tabs until the battery releases. The strips will not be reusable.

- Remove the battery.

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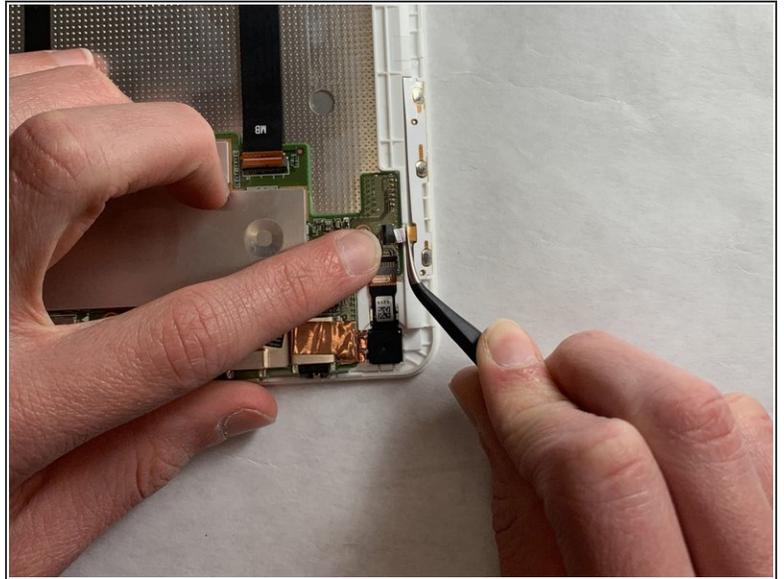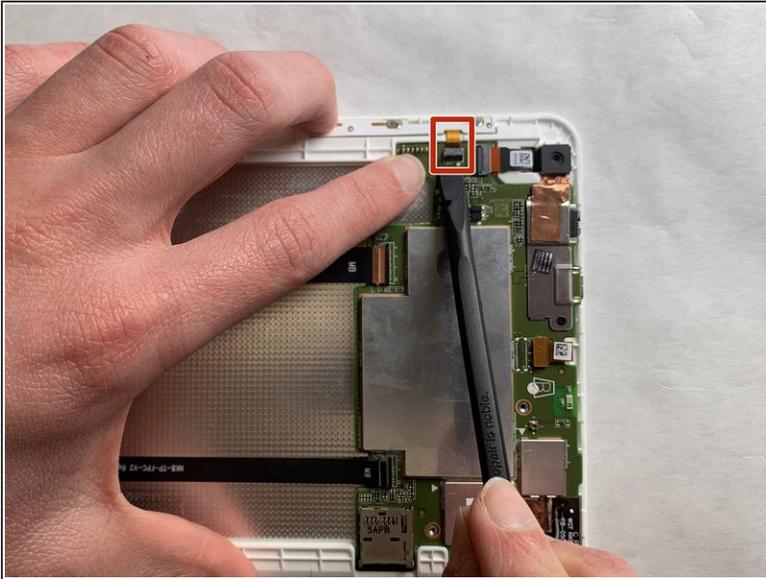
Step 5 — Motherboard

- Using the spudger, remove the two tabs shown by placing the spudger under the gray part of the connectors and pulling on the tabs.
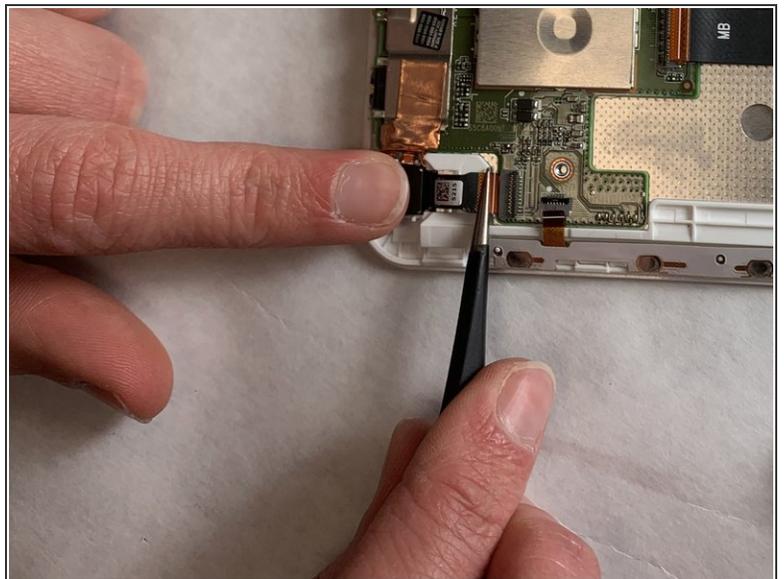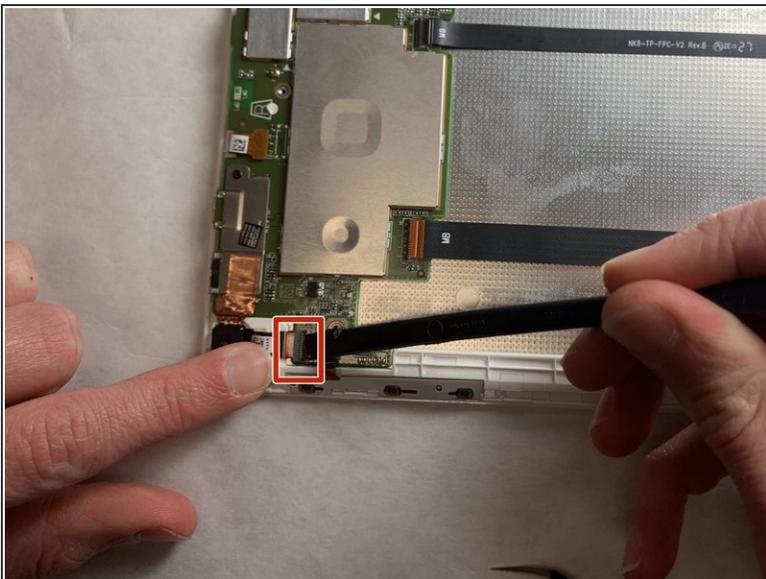
Step 6

- Use a Phillips #00 screwdriver to remove the three 2 mm screws.

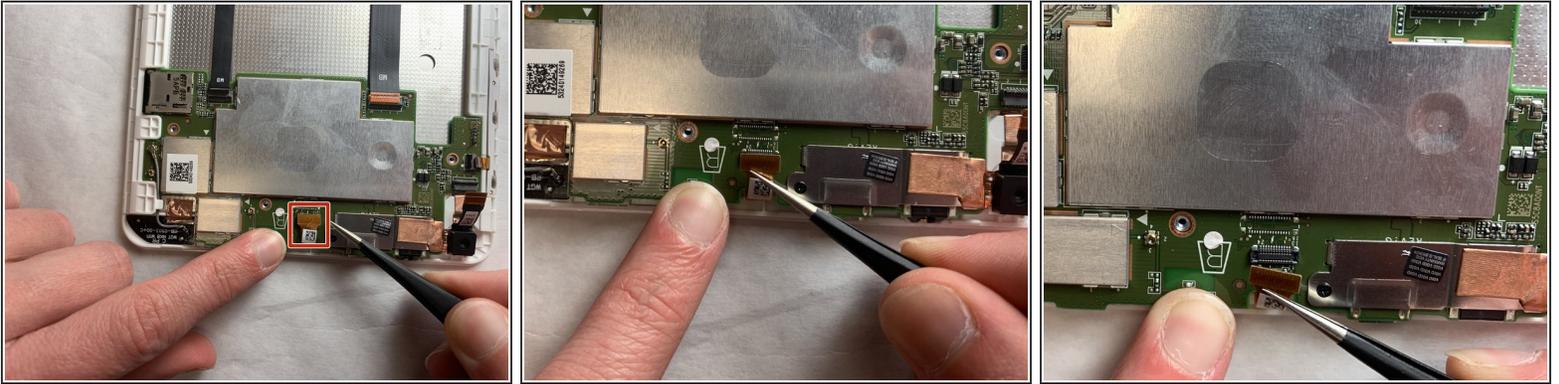This document was generated on 2020-01-14 10:57:02 AM (MST).

Step 7

- Using the spudger, push the tab where this belt connects to the motherboard to free it.

- Use tweezers in order to pull the belt from its slot in the motherboard.

Step 8

- Using the spudger, push the tab connecting this belt to the motherboard.

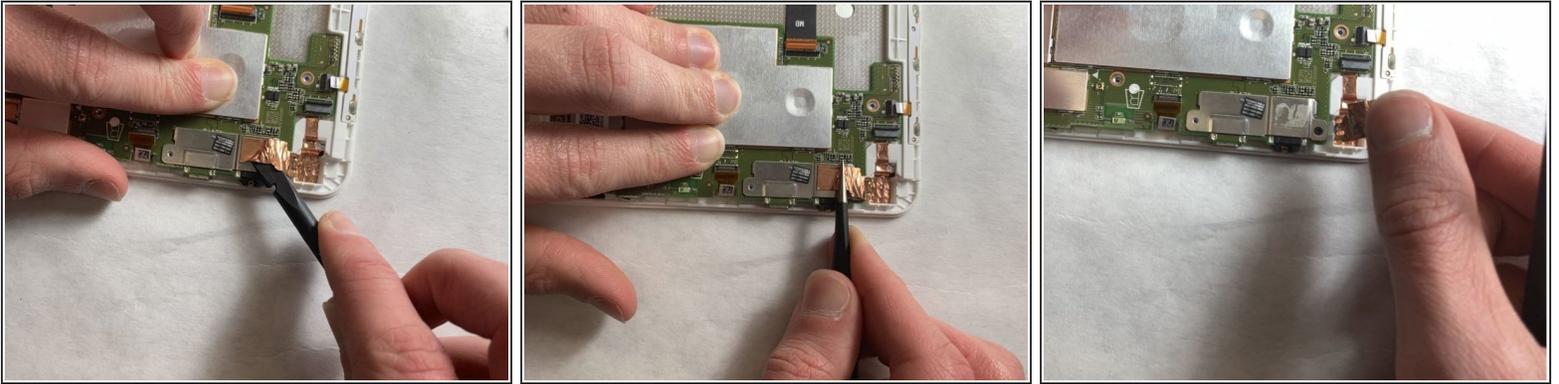- Once the tab is pushed and the belt is free to move, use tweezers to pull it from the slot.

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Step 9

- Using tweezers, pull upward on the end of this belt where it plugs into the motherboard.
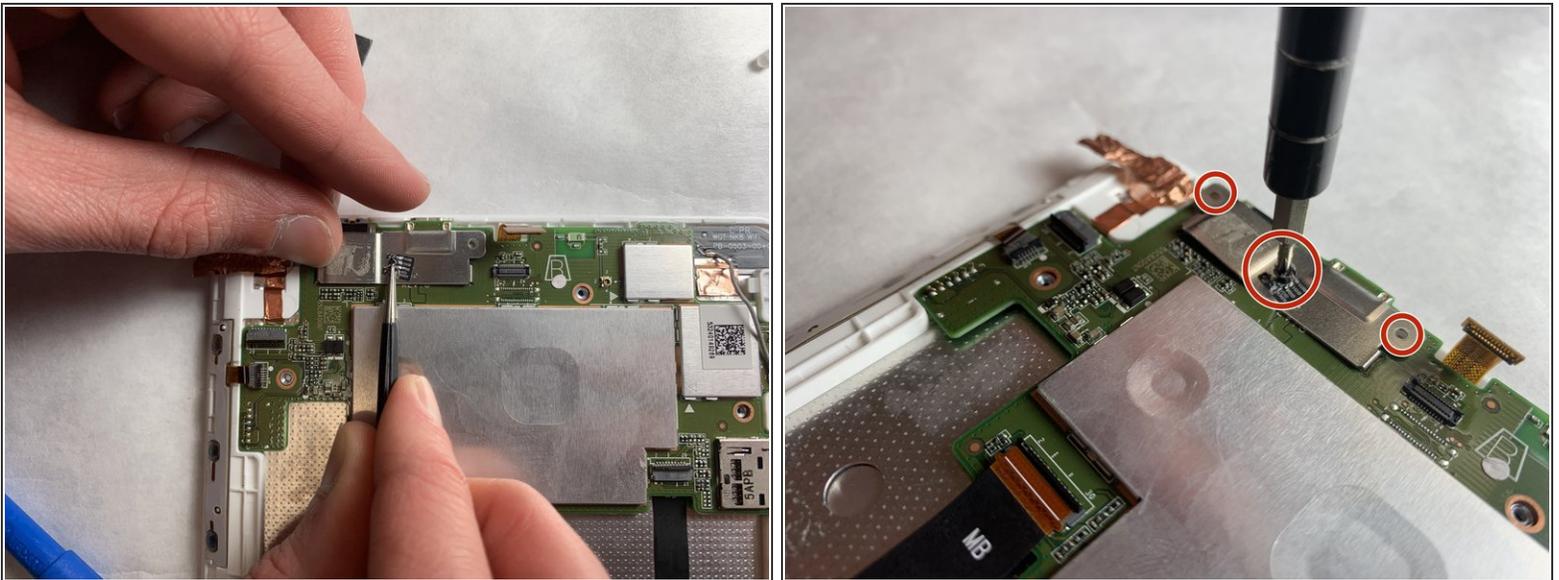
Step 10

- With the tweezers, grab the gray wire and move it from underneath the plastic piece shown in red.

- Then place the tweezers on the end of the wire circled, and pull the piece from the motherboard.
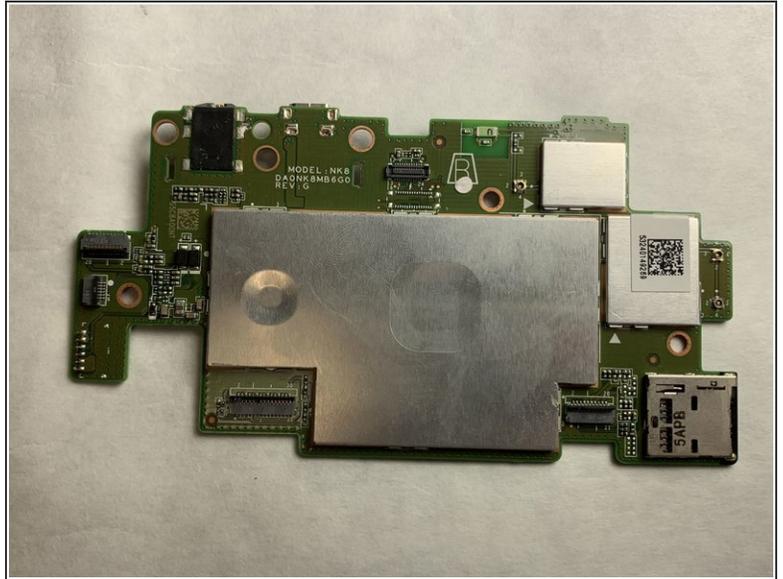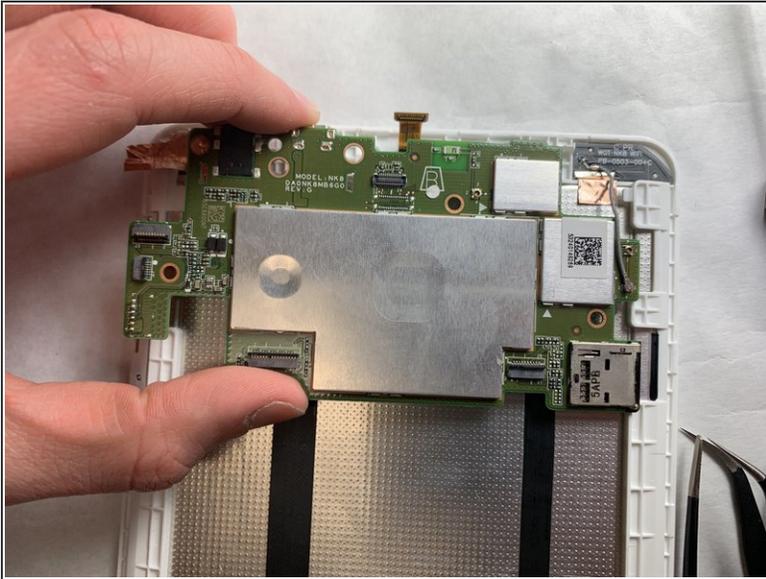
Step 11

- Use tweezers in order to lift a corner of this copper foil.

- Then use a spudger to pull the copper foil from the motherboard.

- (i) If the copper foil does not remove easily, use an iOpener heating pad to release the adhesive.

Step 12

- Using tweezers, remove the "void" sticker to reveal a 3 mm screw.

- Use a Phillips #000 screwdriver to remove the three 3 mm screws.

Step 13

- Carefully lift the motherboard out of its slot in the rear case.

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