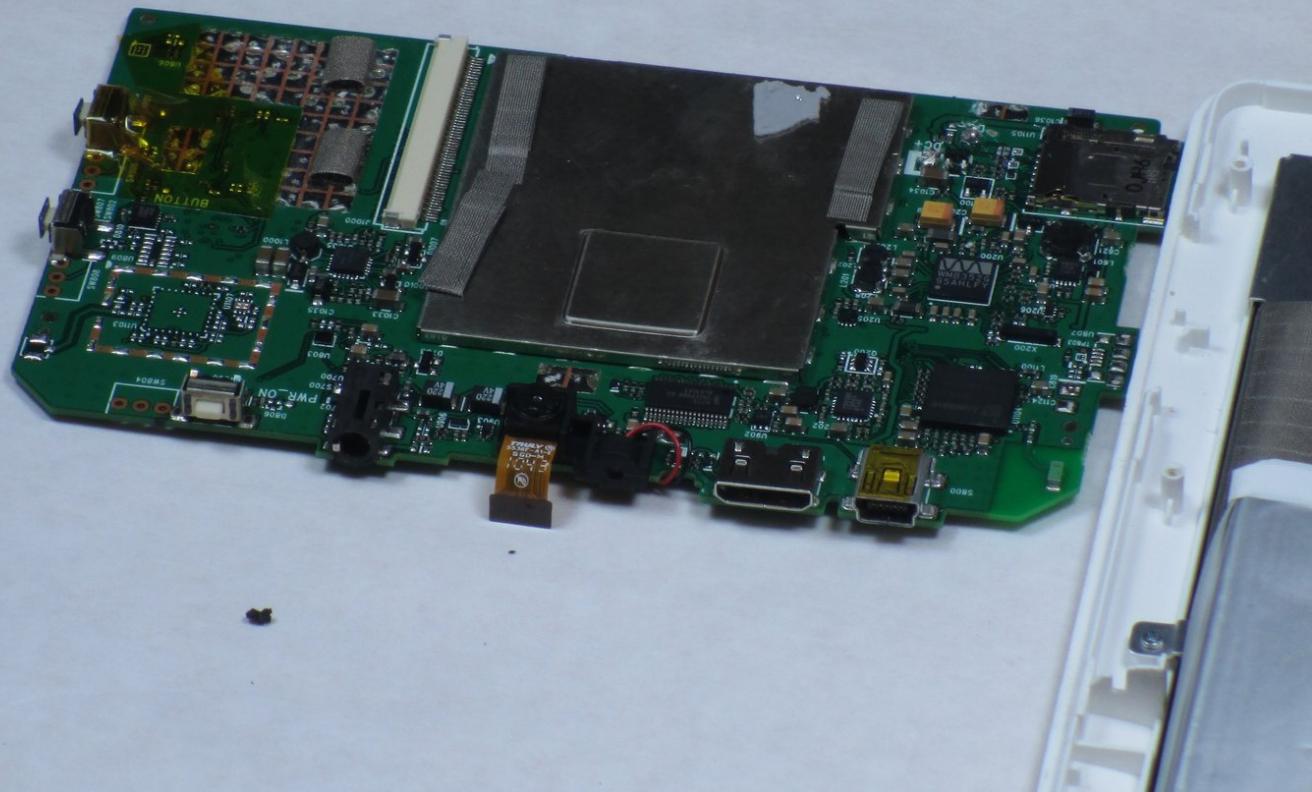




Creative ZiiO 7" Motherboard Replacement

Removal and replacement of the motherboard in the Creative ZiiO 7".

Written By: Benedict Samoy



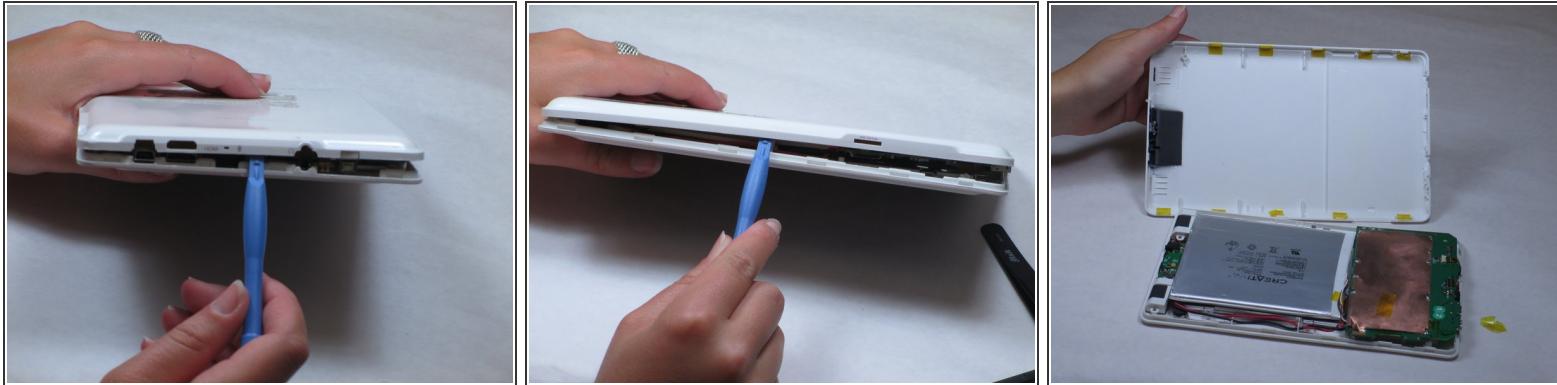
INTRODUCTION

In this guide, you will be able to remove the motherboard from a creative ZiiO and use a soldering iron while doing so.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Soldering Iron](#) (1)
- [Phillips #00 Screwdriver](#) (1)

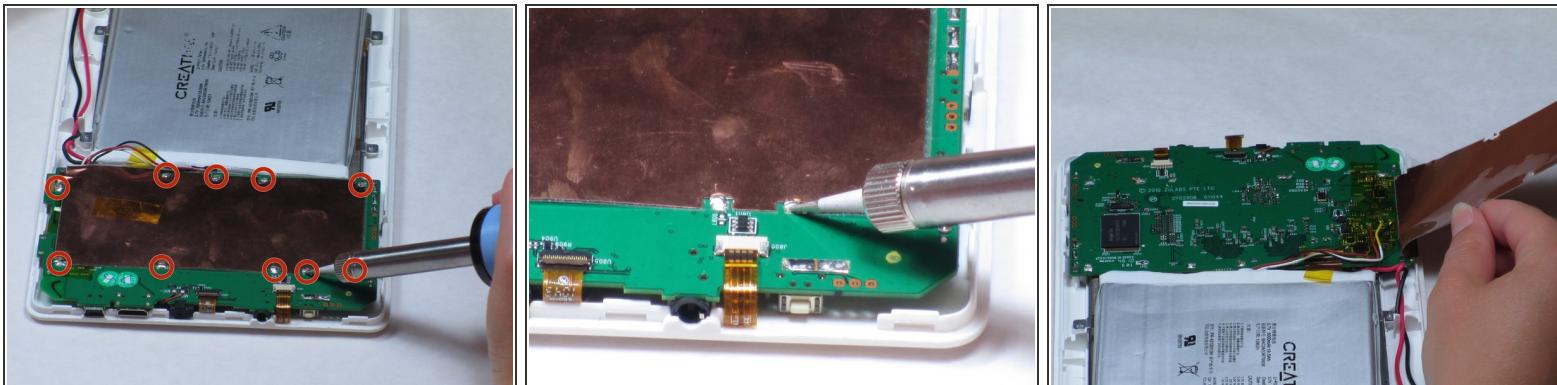
Step 1 — Back Panel



- Remove the back panel by using the plastic opening tool to carefully pry around the panel's edges.

⚠ The volume control button and the top power button may fall out during this step.

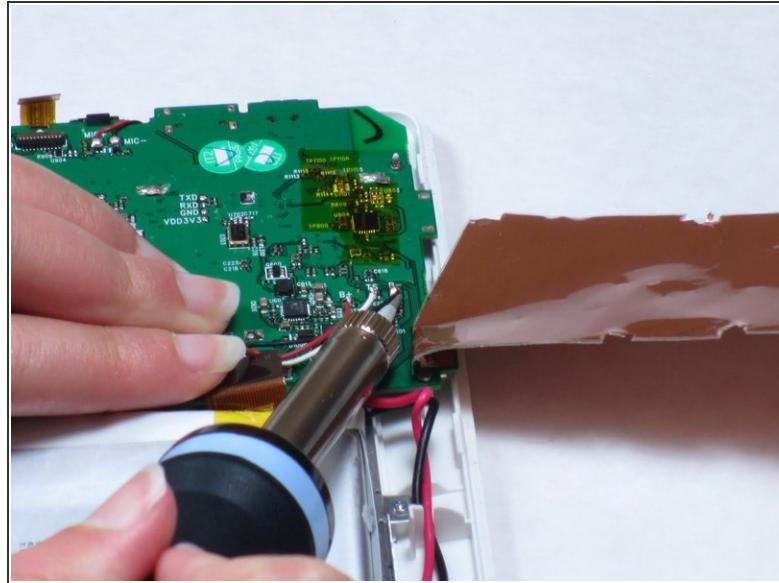
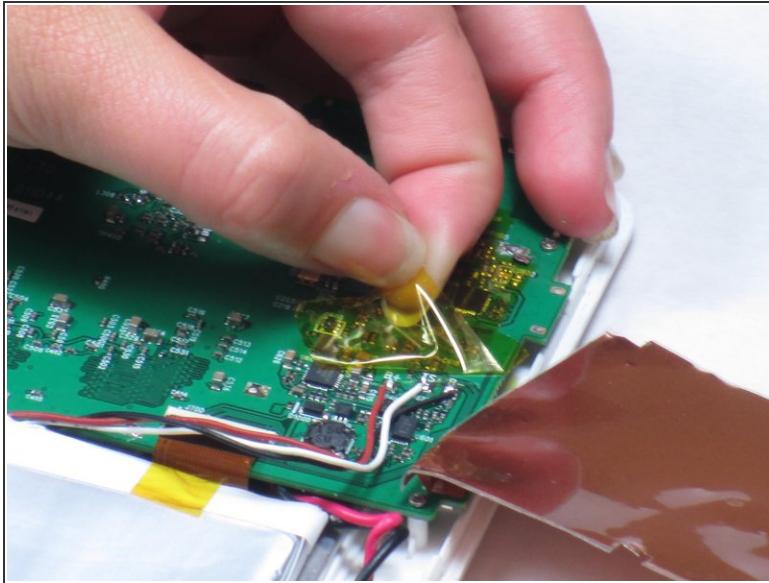
Step 2 — Motherboard



- Remove the copper plate covering the motherboard by desoldering the ten solder points.

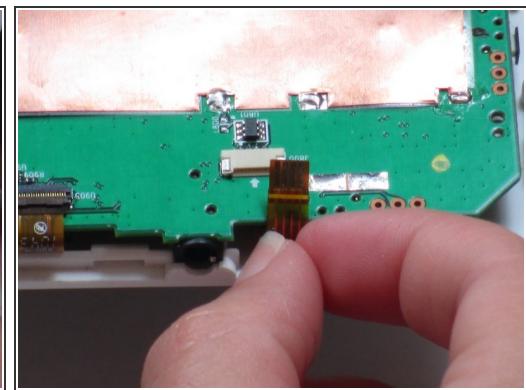
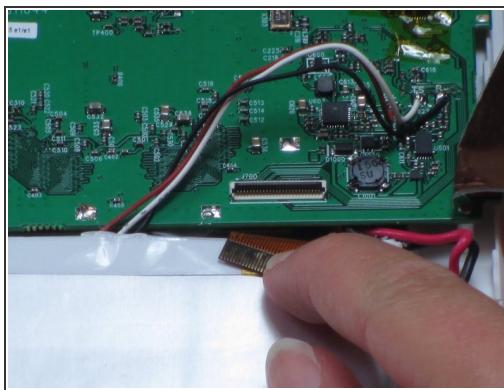
i The solder point in the bottom right corner is marked but hidden by the soldering iron.

Step 3



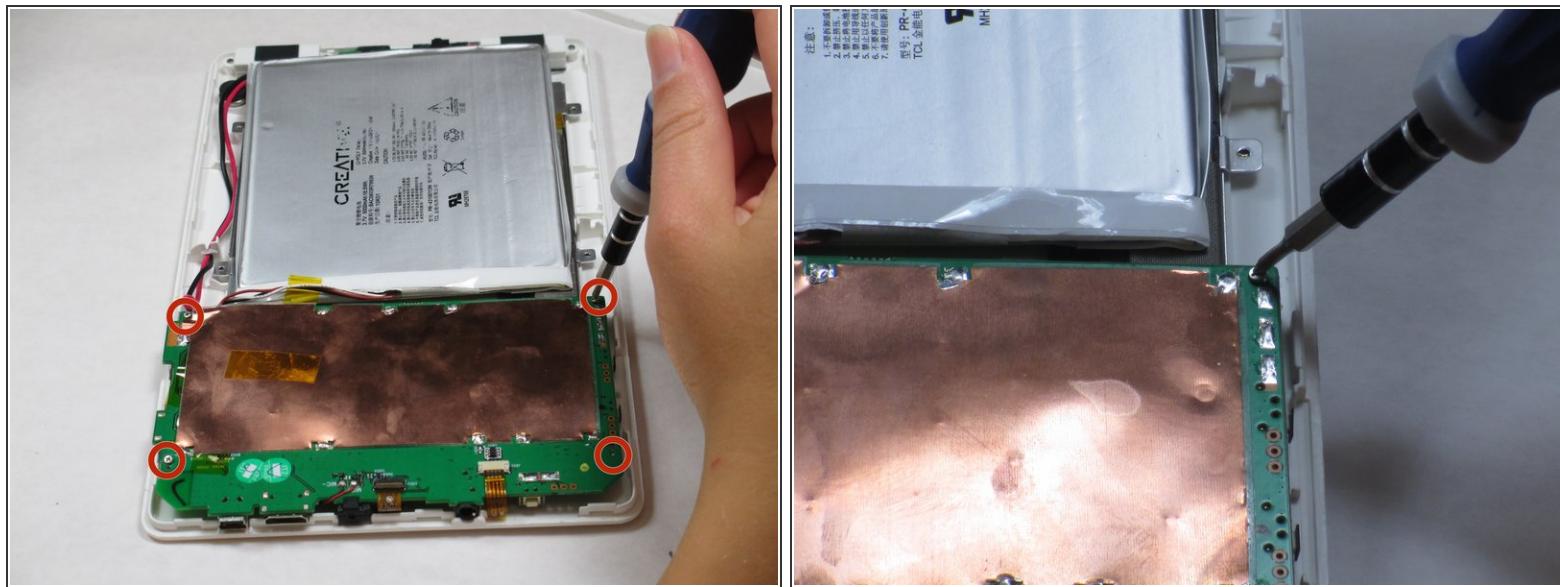
- Remove the adhesive tape covering the three wires connected to the motherboard.
- Desolder the solder points connecting the wires to the motherboard.

Step 4



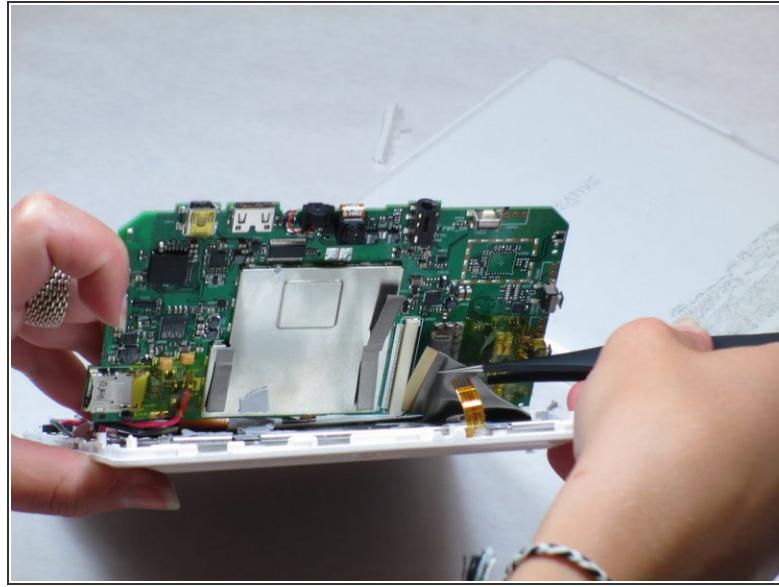
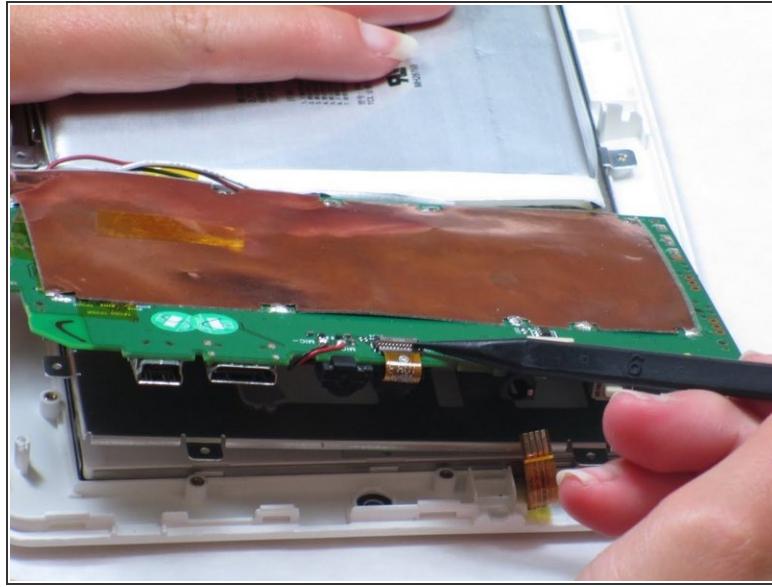
- Disconnect the ribbon cable that is attached underneath the copper plate.
- Disconnect the other ribbon cable that is connected next to the copper plate in the corner of the circuit board.

Step 5



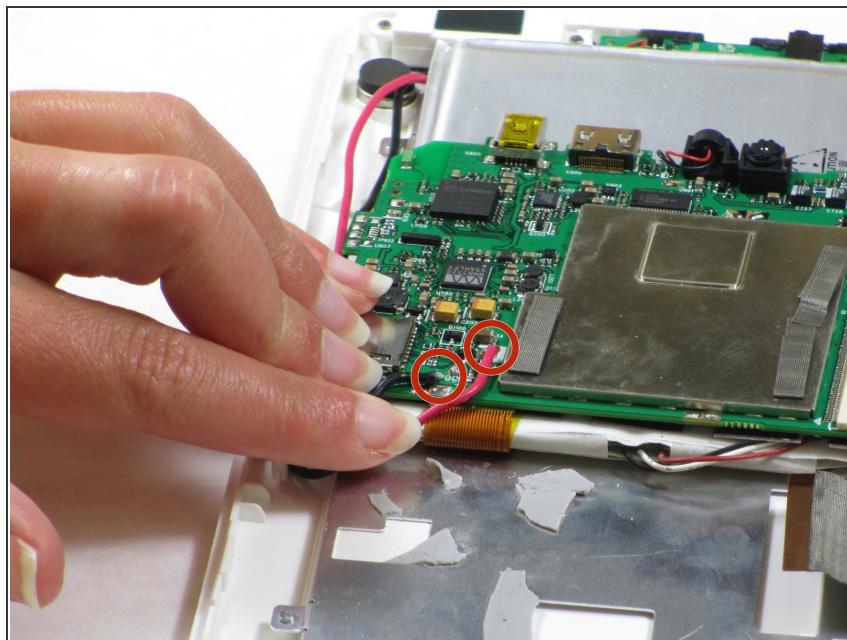
- Remove the four 4mm Philips #00 screws holding the motherboard to the casing.
- The copper plate will be removed by now. However, the picture does not show this.

Step 6



- Lift up the motherboard.
- A mesh-looking strip on the left side will be connected to the bottom of the motherboard.
- Remove the tape on top of the strip and use tweezers or pliers to pull on the strip to unplug it.

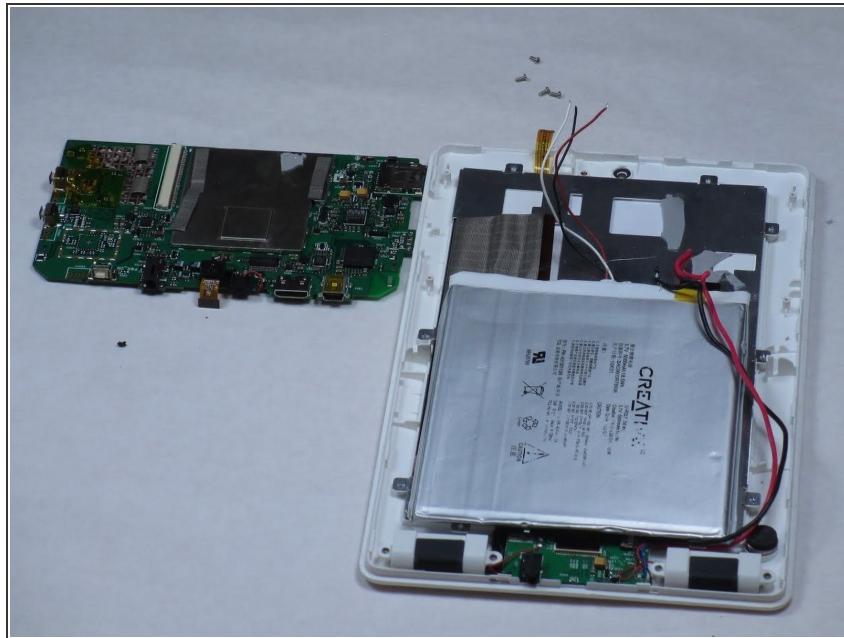
Step 7



- Remove the red and black wires with a soldering iron that are located underneath the motherboard.

 Do not cut or damage the wires in the process. They will be needed for the new motherboard.

Step 8



- Remove the old motherboard and dispose of it responsibly.

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