



ASUS ZenPad S 8.0 Motherboard Replacement

How to remove and replace the motherboard in your device.

Written By: Jessica Voss



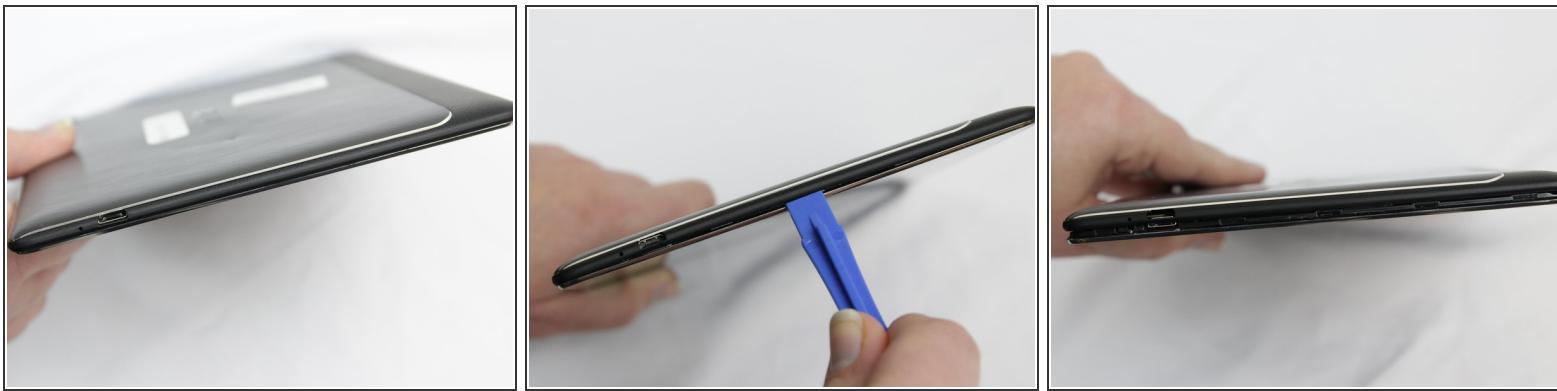
INTRODUCTION

Once you have removed the battery you will be able to remove the motherboard from your device. Make sure the battery is completely removed before working on the motherboard as to prevent shorts in the circuitry. As a precaution ground yourself to prevent frying the internal components. Also make sure to keep track of screws and label them.

TOOLS:

- [Tweezers \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

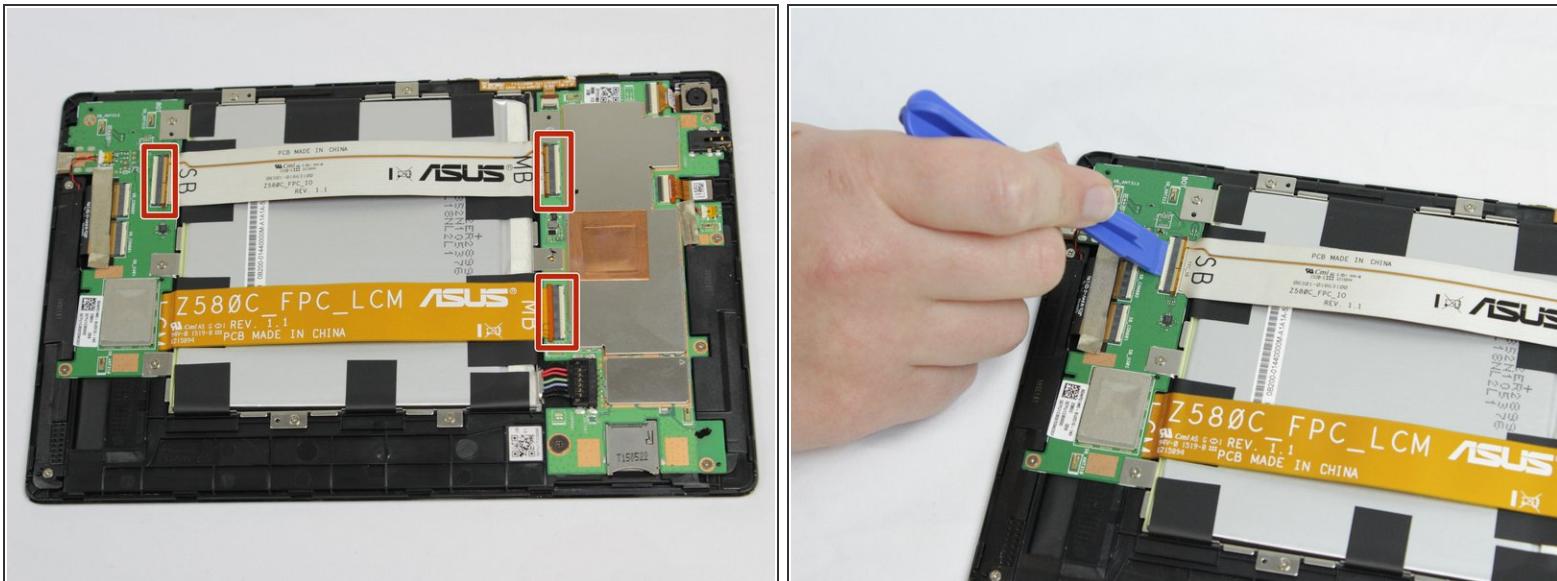
Step 1 — Rear Cover Removal



⚠ If present, remove the MicroSD card before disassembly. Failure to remove could lead to damage to the MicroSD card, rear cover, or MicroSD card slot.

- Use the plastic tool to pry between the silver bezel and the back case
- Work the tool around the device to free the back case

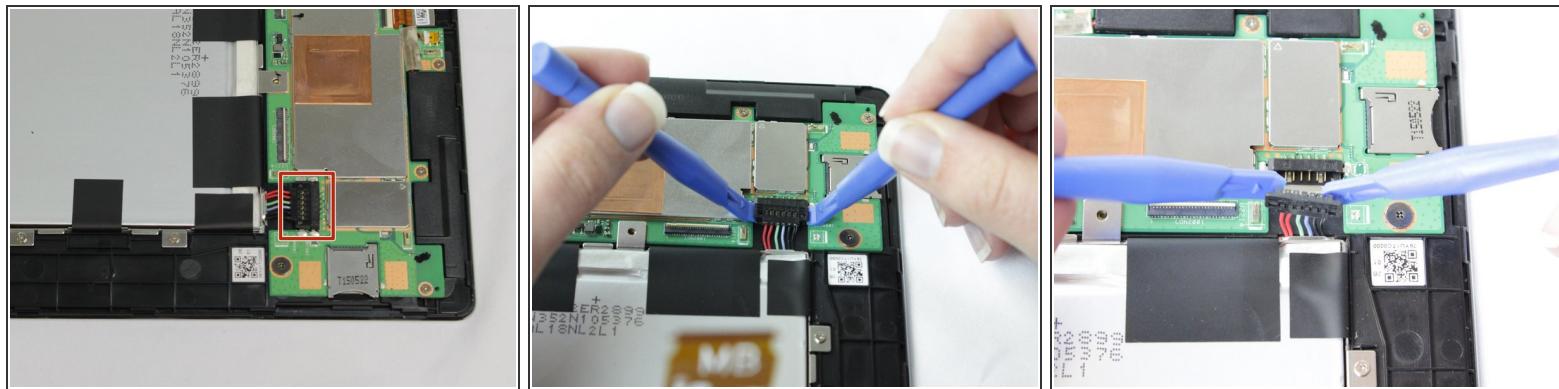
Step 2



- Remove the ribbon cables by lifting up the white retaining flap on the ZIF connectors, then pulling the ribbon cable away.

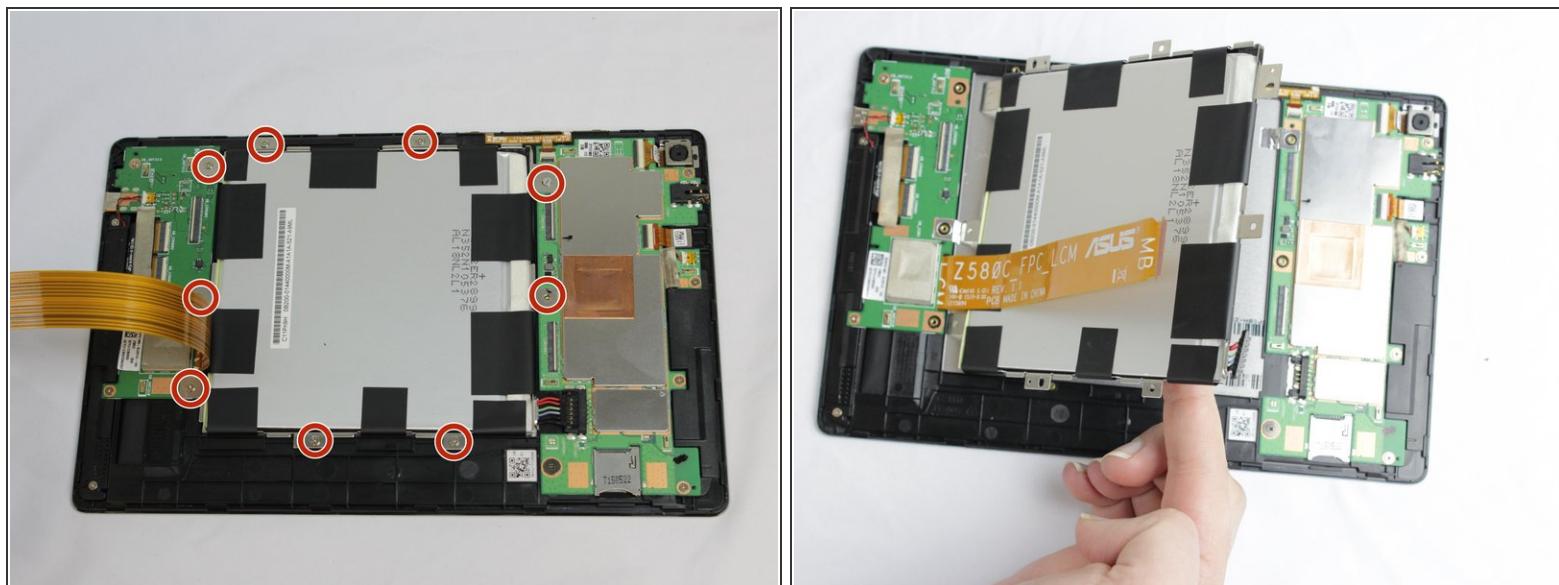
⚠ Do not kink the ribbon cables as they can break easily

Step 3



- Remove the battery connector by prying it up away from the device using 2 plastic pry tools

Step 4



- Remove all 9 of the 1.5mm #00 Philips screws
- Gently lift the battery out of the device
- Use an opening pick or similar tool to separate the adhesive on the bottom and top of the battery.

Step 5 — Front Facing Camera



- Use a plastic opening tool to lift the black retaining flap on the ZIF Connector

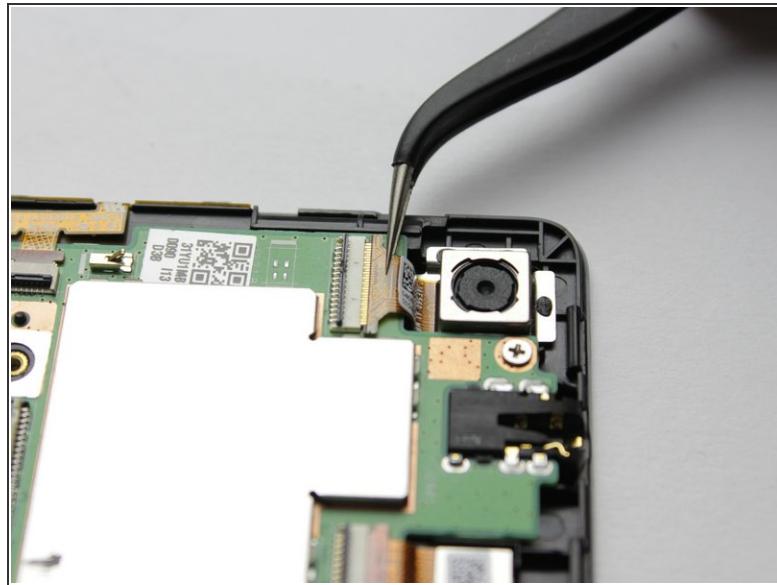
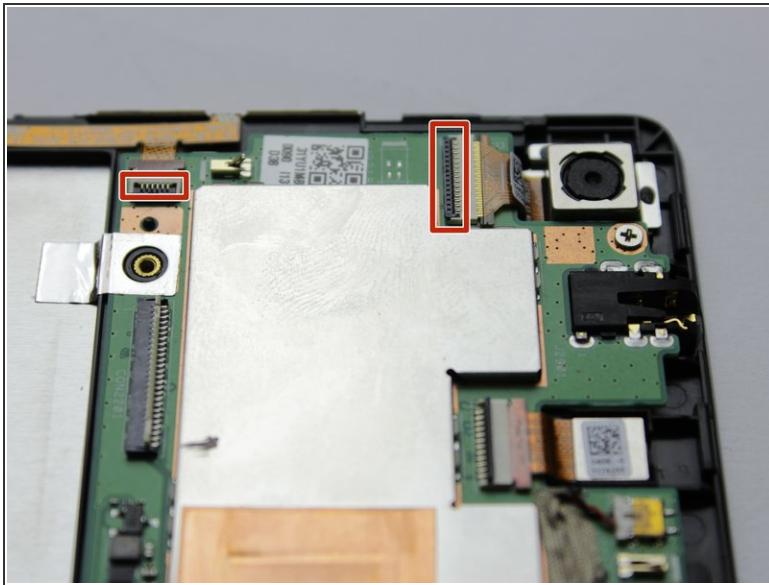
Step 6



- Use a tweezers to lift out the camera

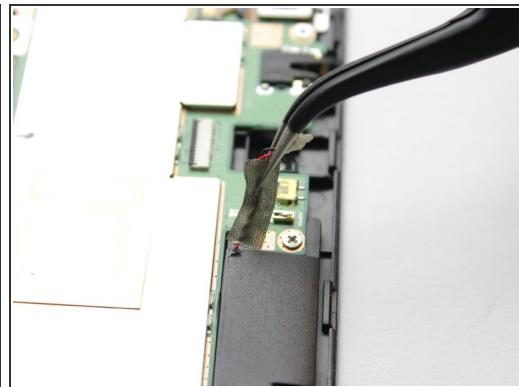
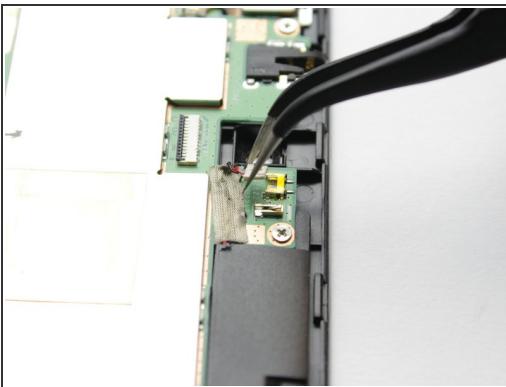
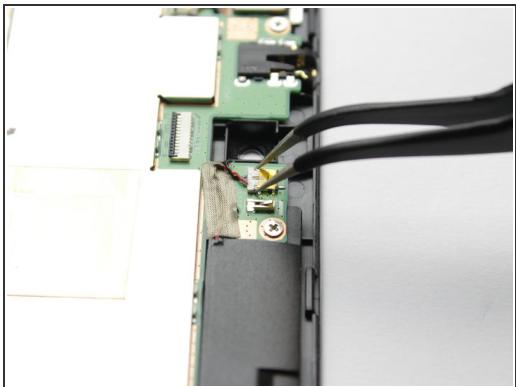
(i) If you lifted the latch for the ribbon cable then it should come out with little resistance.

Step 7 — Motherboard



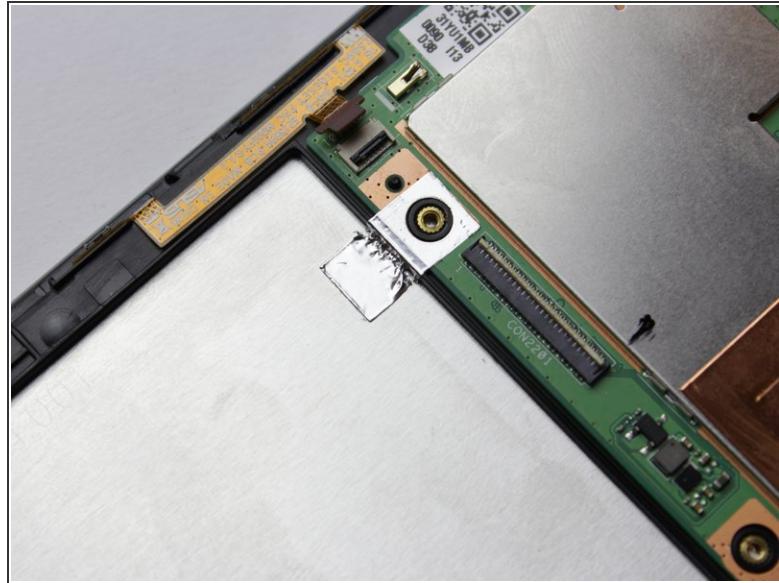
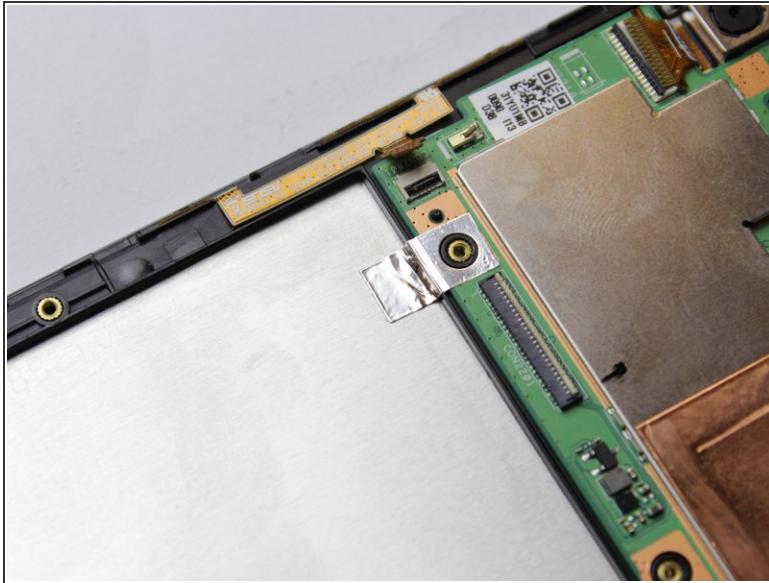
- Using the plastic prying tool, lift the small retaining flap on the ZIF Connectors holding the ribbon cables to the motherboard
- The removing of the ribbon cable is done in the same way as the front facing camera.

Step 8



- Using the tweezers remove the connector gently from the yellow slot
- Gently peel up the tape until it is completely released from the motherboard

Step 9



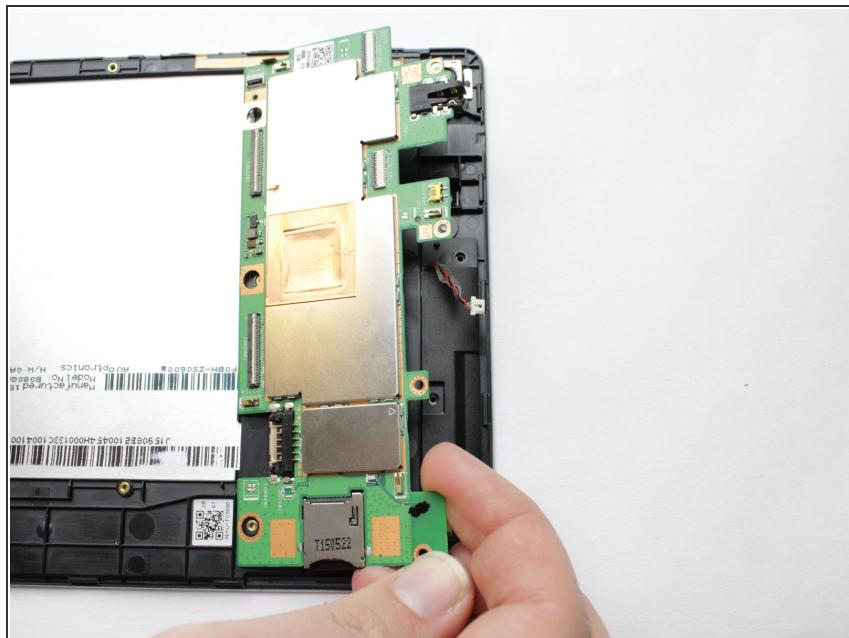
- Cut the warranty tape connecting the motherboard to the metal plate under the battery

Step 10



- Using the #00 Phillips head screwdriver, remove the remaining 1.5mm screws in the motherboard

Step 11



- Gently lift the motherboard from your device

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