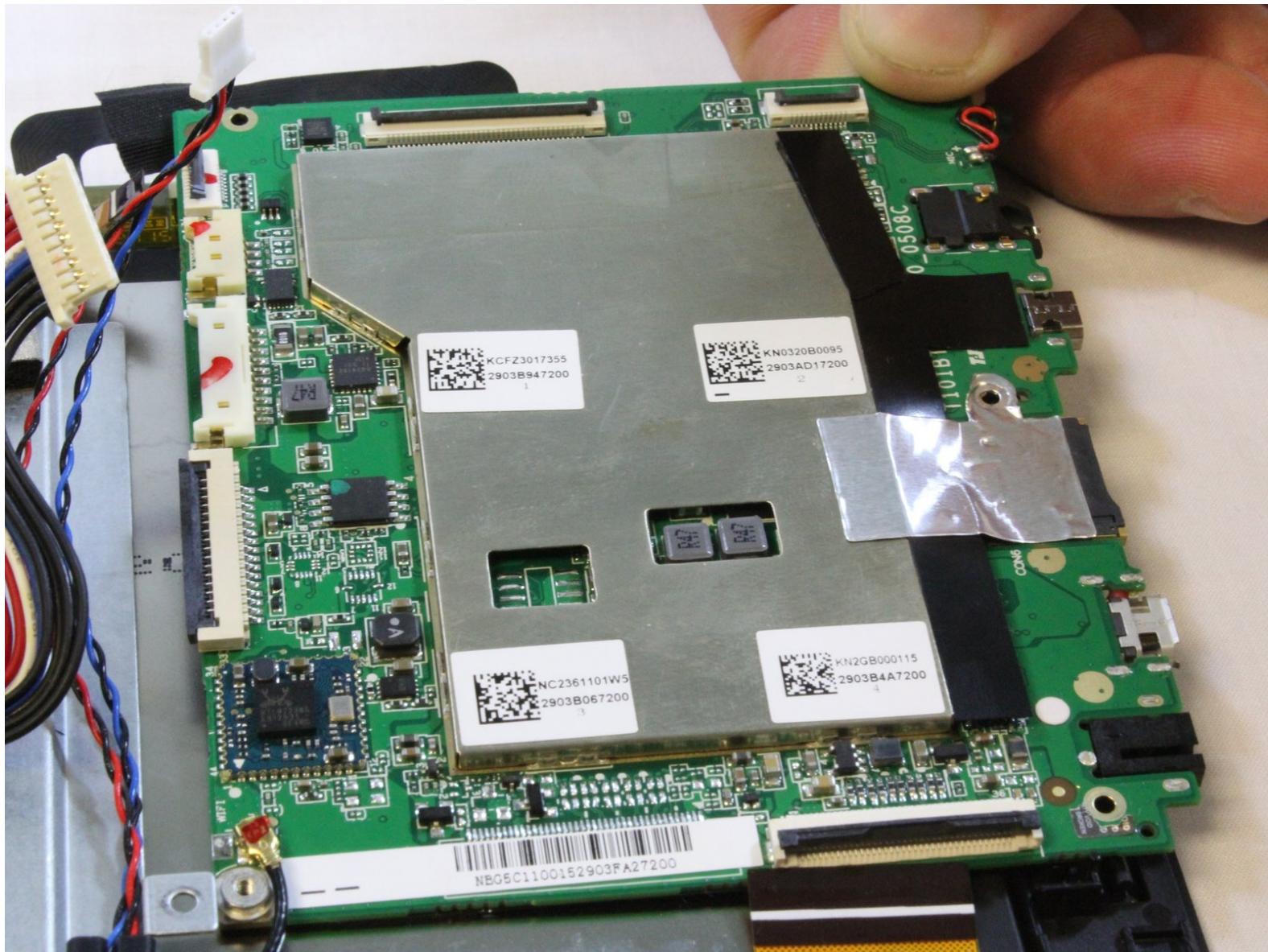




# Acer One 10 S1002 145-A Motherboard Replacement

This guide will go through the steps to replace the motherboard, located behind the tablet screen.

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## INTRODUCTION

If your tablet seriously malfunctions, (e.g. it is not turning on), a replacement motherboard may be needed. Motherboards in tablets are much smaller than traditional motherboards, and this guide shows you how to properly replace yours.

### TOOLS:

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

## Step 1 — Motherboard



- Make sure that the tablet is turned off and disconnected from any power source.
- Disconnect the tablet from the keyboard attachment.
- If you have a Micro SD card in the tablet, remove it now.
- Remove the two 3.5 mm Phillips #0 screws on either side the keyboard connection.

## Step 2



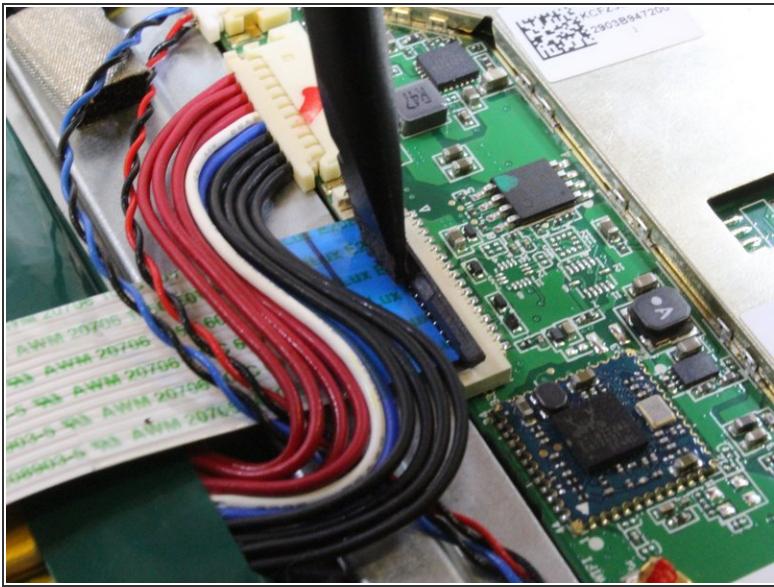
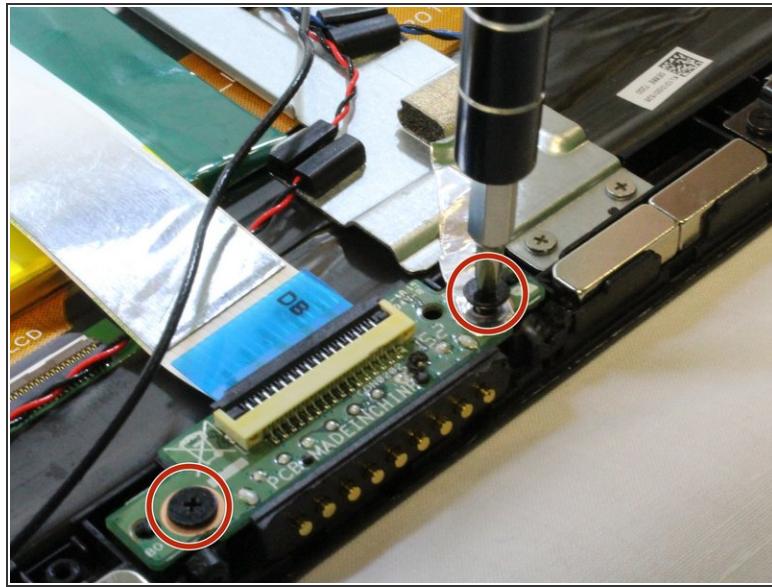
- Starting from a corner of the tablet, use the plastic opening tool to create a gap between the screen and the back covering.
- Slowly maneuver the plastic opening tool along the perimeter of the tablet to pry the screen and back covering apart.
- Separate the back covering from the screen.

## Step 3



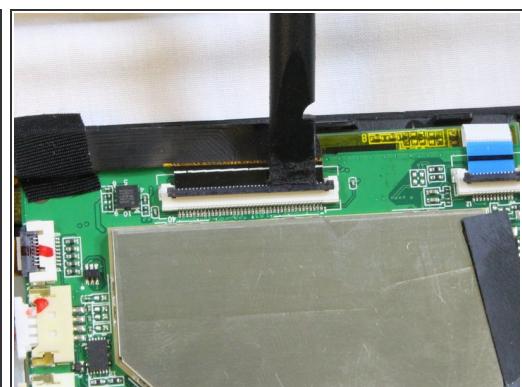
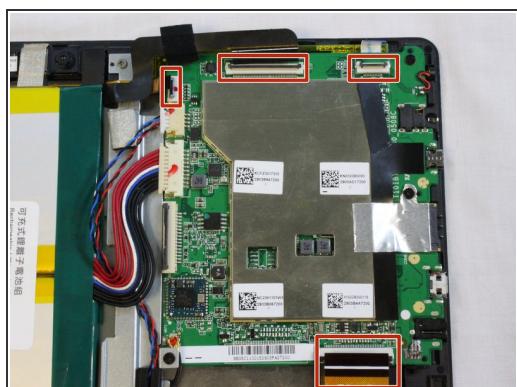
- Peel off all of the Polyimide tape (yellow tape).
- Remove the metallic tape covering the keyboard connection.

## Step 4



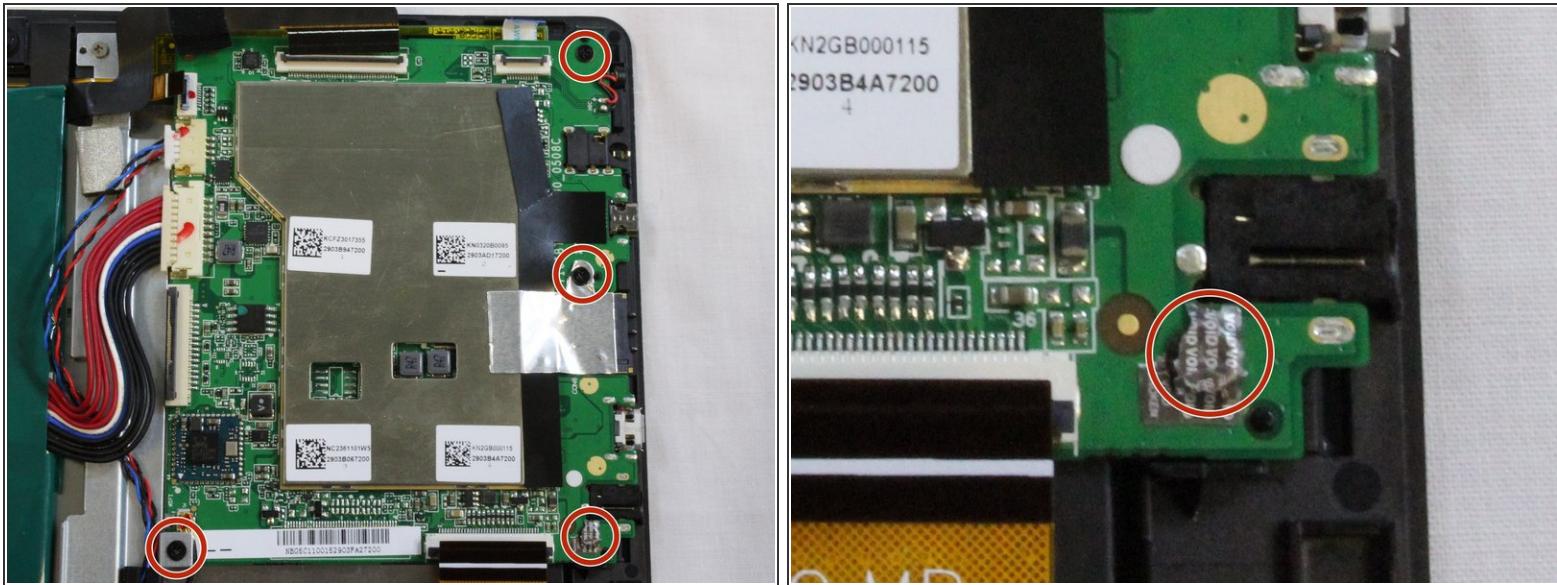
- Unscrew the two 3.5mm Phillips #0 screws and open the [ZIF latch](#).
- Gently remove the silver part covering the battery and set it aside.

## Step 5



- Open the [ZIF \(Zero Insertion Force\) connectors](#).
- Gently remove the ribbon cables.

## Step 6



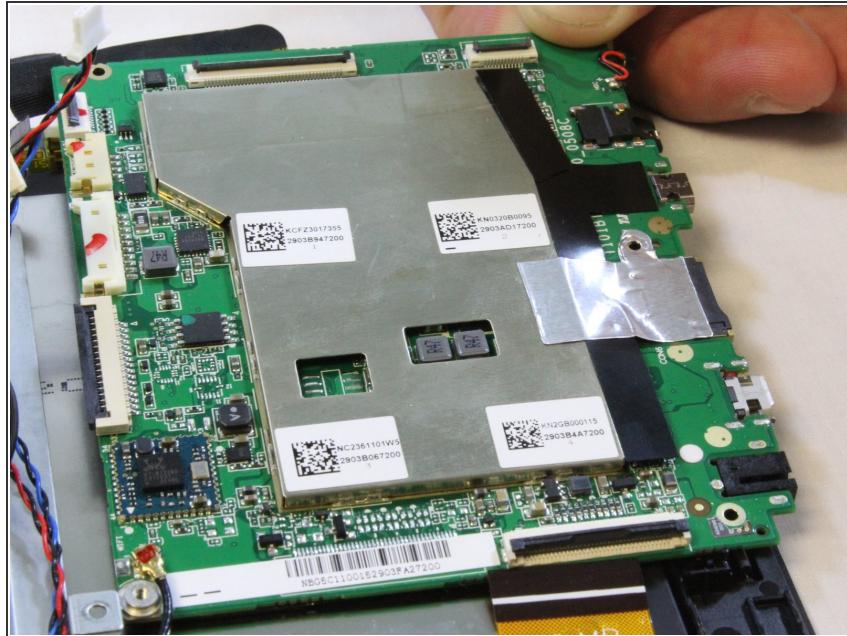
- Remove the four 4mm screws at the corners of the motherboard with the Phillips#0 bit screw.
- The screw beneath the metallic tape also needs to be removed.

## Step 7



- Disconnect the three cables on the motherboard closest to the battery.
- These cables require some extra prying power to be removed.

## Step 8



- Slide out the motherboard and put it aside.

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