



# BLU Studio 5.5 Motherboard Replacement

This will revive your BLU Studio 5.5 with a new motherboard.

Written By: Luis Gomez-Atehortua



This document was generated on 2019-09-17 09:23:26 PM (MST).

## INTRODUCTION

The motherboard is the central control unit for the entire phone and if damaged will most likely result in your phone not working whatsoever. Take into consideration that static forces may damage the board itself so pay attention to caution steps to avoid any potential damage.

## TOOLS:

- [iFixit Opening Tools](#) (1)

*Not essential, but may be easier than opening device by hand*

- [Tweezers](#) (1)
- [Anti-Static Wrist Strap](#) (1)
- [Phillips #000 Screwdriver](#) (1)

## Step 1 — Battery



- Locate the notch to remove the back panel at the lower left corner of the panel.
- Insert the plastic opening tool or a fingernail into the notch.
- Apply force upwards until back panel becomes loosened.

## Step 2



- Remove the loosened back panel and set aside.
- Locate the notch to remove the battery.

## Step 3



- Insert a plastic opening tool or your fingernail into the notch and apply force upwards until the battery is loosened.
- Remove the battery and set aside.

## Step 4 — Back Panel Assembly



- Locate all twelve screws along the back panel:
  - Seven 5mm screws.
  - Five 3.5mm screws.
- Using a Phillips #000 screwdriver, remove all twelve screws.

## Step 5



- Now that all the screws have been removed, use a plastic opening tool to carefully pry at each of the corners until loosened.

**⚠** Be extra careful when prying open as it may damage or snap the thin sides of the panel.

- Place the plastic opening tool inside the loosened panel and gently push upwards and move along the phone to remove the back panel.
- Remove the panel as if you were turning the page of a book.

## Step 6 — Motherboard



- Locate the motherboard that is above where the battery was removed.
- Remove the three screws holding down the motherboard to the phone.
- Locate all 7 flex cable connectors that are attached to the motherboard.

## Step 7



- Use tweezers to carefully grasp and unhook all 7 flex cable connectors.
- With the same tweezers, pry off the cable clasp that connects the motherboard to the sub PCBA.
- Once the motherboard is disconnected from all components, use the tweezers or your fingers to remove it from the phone assembly.

**⚠** Use the Anti-Static Wrist Strap to eliminate the possibility of introducing a static force that may damage the motherboard components.

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