



Dell Venue 7 Motherboard Replacement

This guide will show you how to replace the Dell Venue 7 motherboard.

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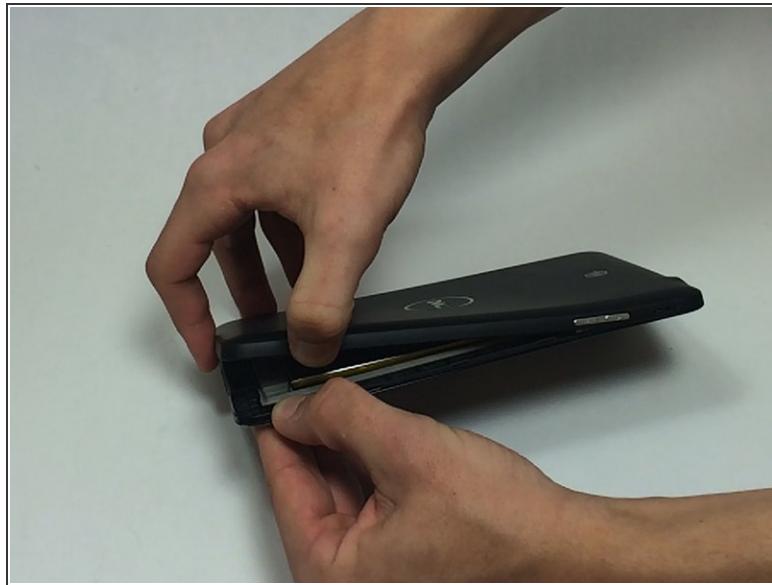
INTRODUCTION

Many components are connected to the motherboard so confirm that all of the components work before you decide to replace the whole motherboard.

TOOLS:

- [Spudger \(1\)](#)
- [Tweezers \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

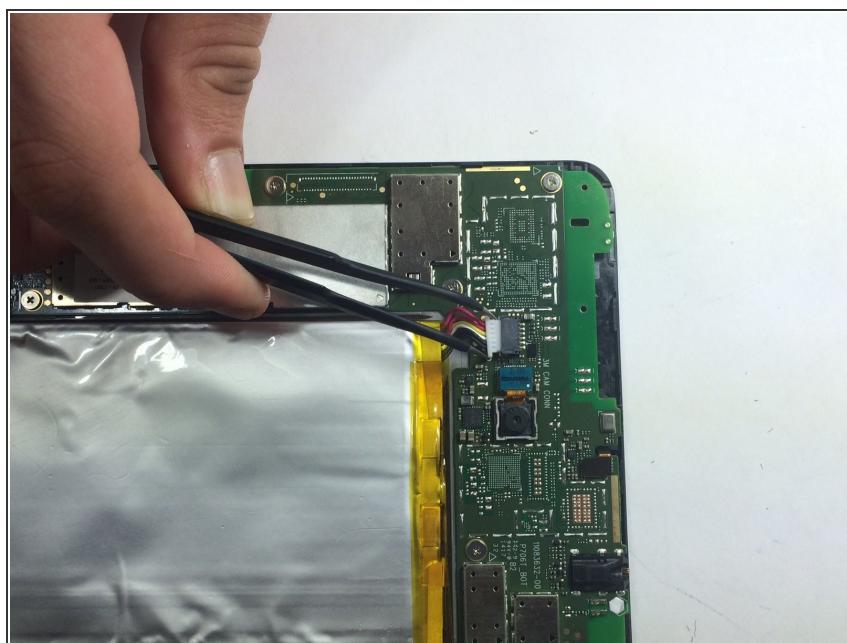
Step 1 — Rear Case



- Use a spudger or your fingers to pry off the back case.

⚠ If your case is badly damaged, use caution because the fragments may be sharp.

Step 2 — Battery



- Gently disconnect the battery from the motherboard using your fingers or a pair of tweezers.

Step 3



- Remove the battery by pulling it from the edges and carefully peeling it off of the base.

i There is adhesive keeping the battery in place, so don't be afraid to use a little extra force.

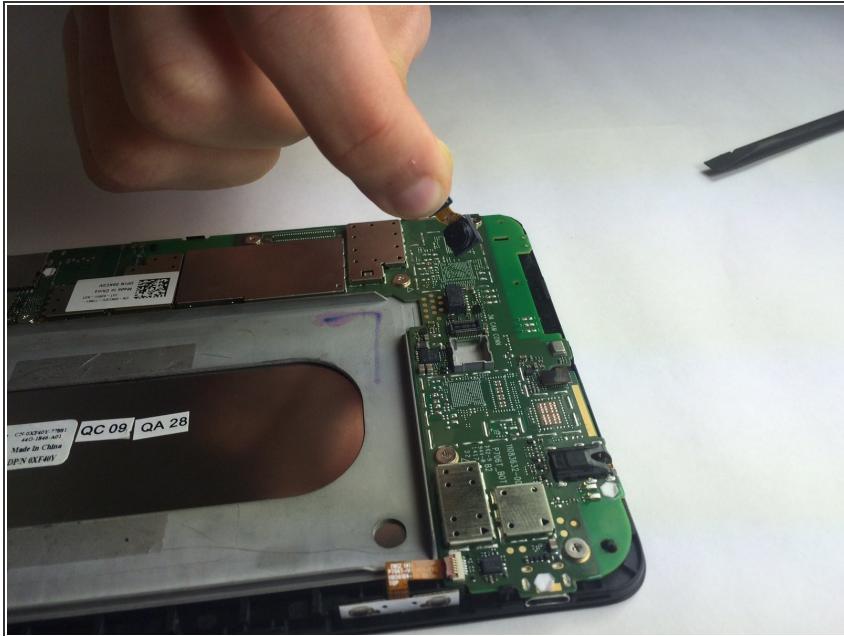
! Do not bend or warp the battery in any way as it can be a fire hazard.

Step 4 — Rear Facing Camera



- Use a spudger to disconnect the camera from the motherboard.

Step 5



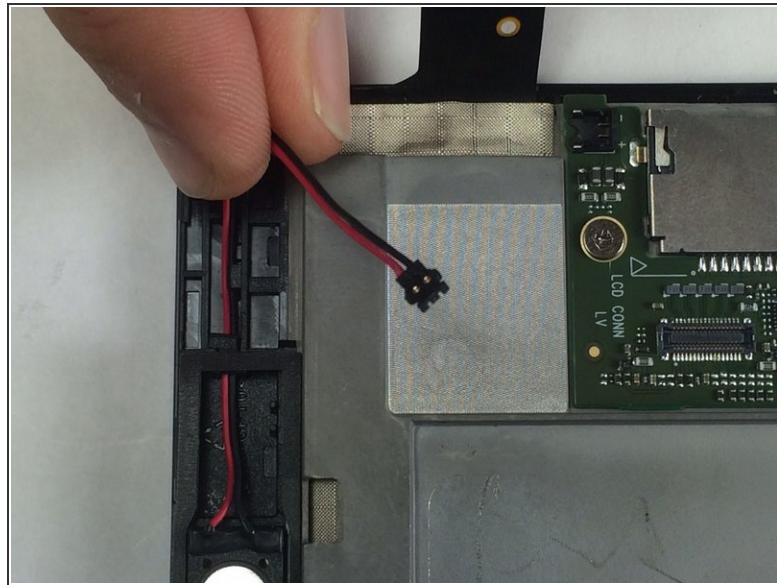
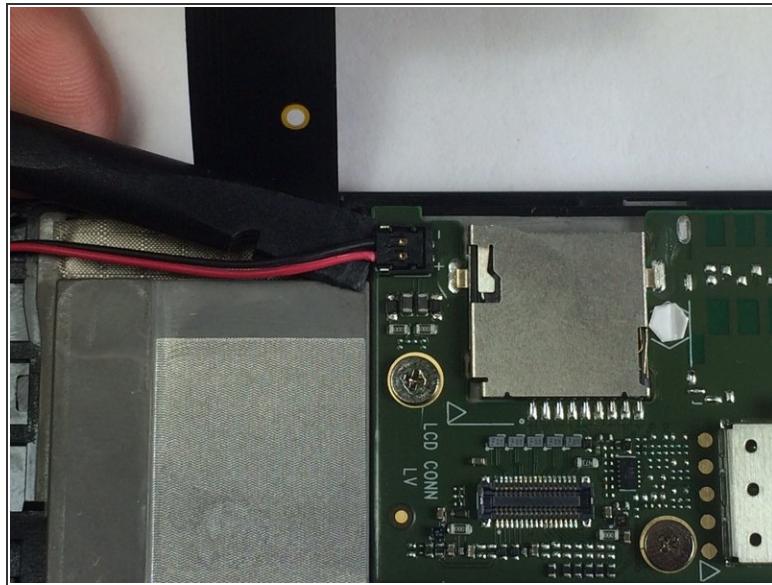
- Remove the camera from the device.

Step 6 — Speaker



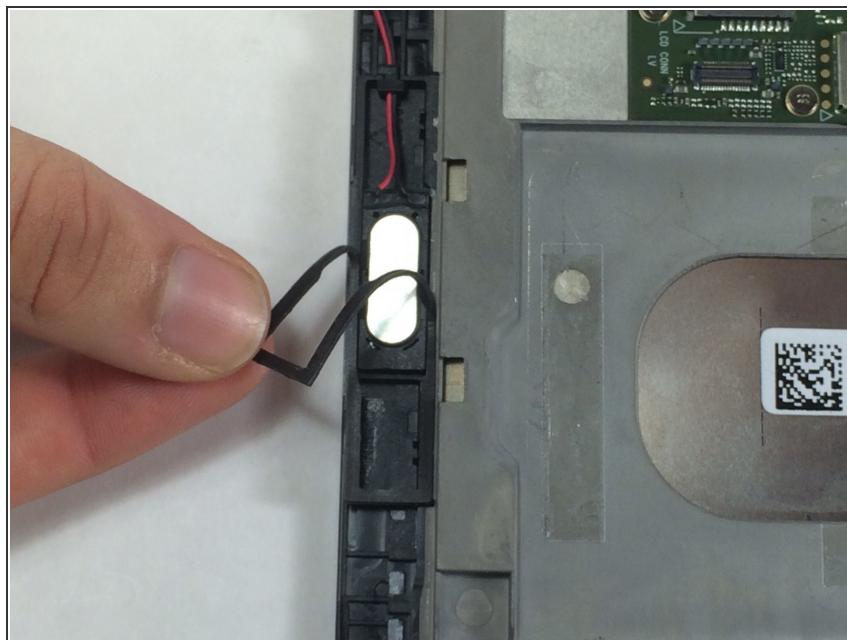
- Use a spudger to remove the ribbon cable that is around the speaker wire.

Step 7



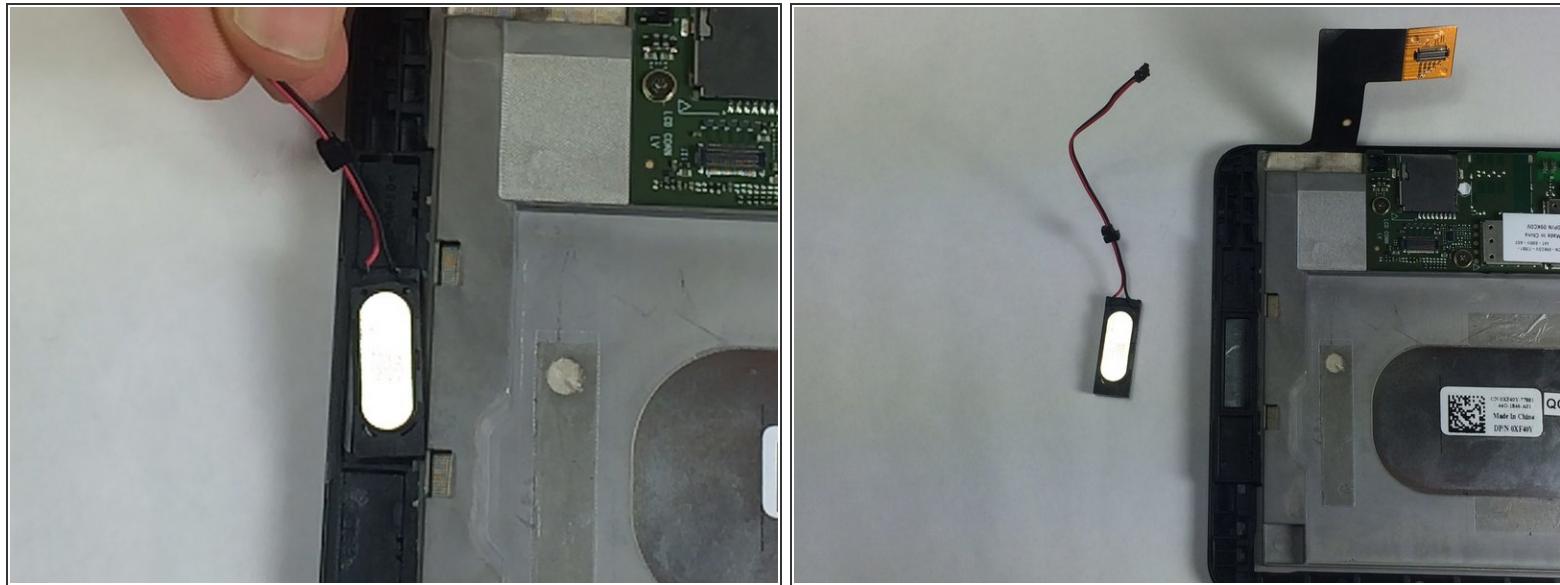
- Disconnect the speaker wire from the motherboard by prying the connector upwards with the spudger.

Step 8



- Remove the plastic covering on the speaker.

Step 9



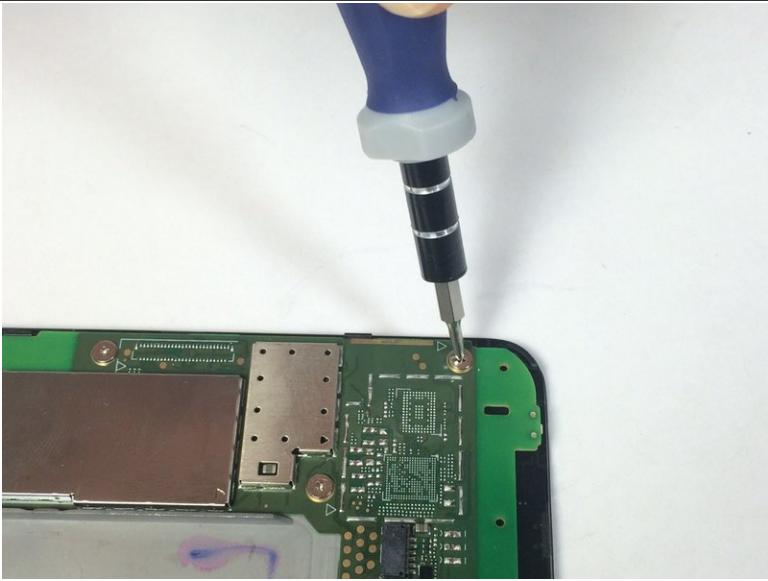
- Gently pull on the wire and remove the speaker.

Step 10 — Motherboard



- Disconnect the two remaining connections on the motherboard.
- To remove the first connector, lift up the clasp and remove the ribbon cable.
- To remove the second one, use a spudger to gently pry the connector from the motherboard.

Step 11



- Remove all 8 of the 2.1mm Phillips head screws from the motherboard.

Step 12



- Lift and remove the motherboard from the device.

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