



Huawei MediaPad S7-301u Front Camera Replacement

Sometimes, the camera might not be working properly, if this is the case, a front camera replacement will be needed to fix the issue.

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INTRODUCTION

A front-facing camera is a camera in the tablet that is usually situated on the front of the device just above the screen. It is a good piece of hardware to use as a webcam or taking selfie with it. You can use the front-facing camera in conversations over communication apps like Skype, Google Hangouts, WhatsApp, etc. If the front camera does not work properly, you will either have to do some troubleshooting to check and see if it is a hardware problem, or the front camera might simply need a replacement.

TOOLS:

- [64 Bit Driver Kit](#) (1)
 - [Precision Tweezers Set](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [T50 Torx](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Battery



- Use either your finger or a metal spudger to lift both the top and bottom black covers on the back of the tablet.

Step 2



- Use a Phillips (J000) bit screwdriver to remove the 6 (2 mm) screws located at the top and bottom of the tablet.

Step 3



- Hold the device by the silver edge and the front of the screen.
- Then use your other hand to push gently on the center back of the tablet until the front screen is detached from the silver back cover.
- Finally, separate the screen from the silver back casing.

Step 4

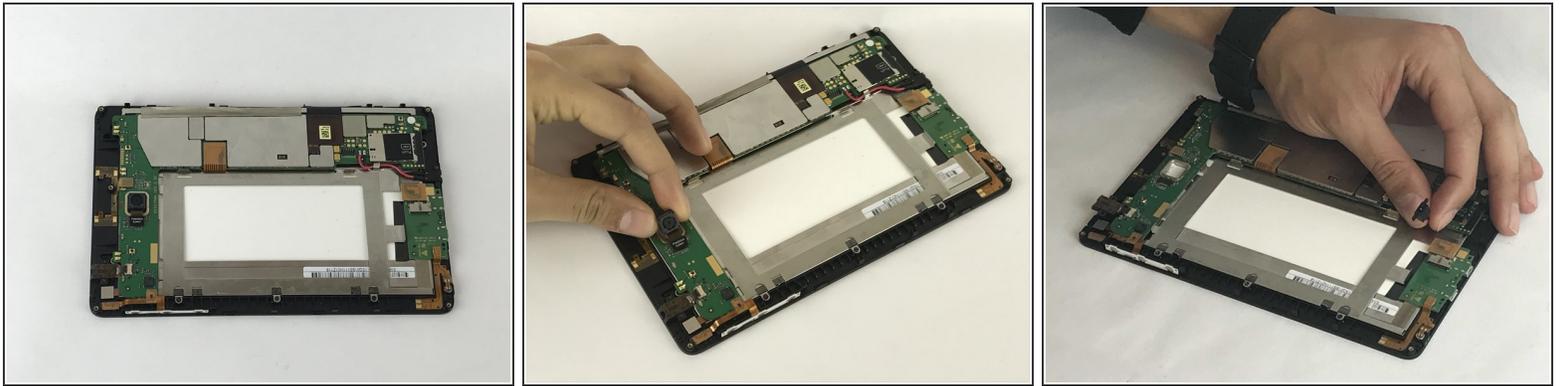


- Use the plastic spudger to remove the battery from the device that is glued on the metal frame.

⚠ Be careful not to puncture the battery while removing it.

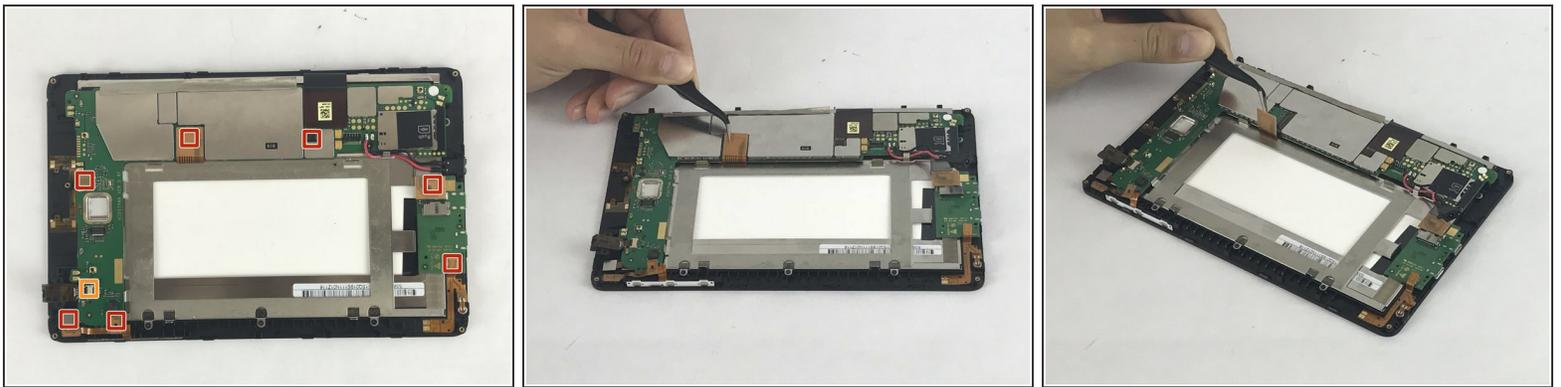
- Follow the wires to where they are connected on the motherboard and simply pull the white connector out of the socket.
- i** When removing the battery, be careful with the connector that attaches the wires to the motherboard.

Step 5 — Motherboard



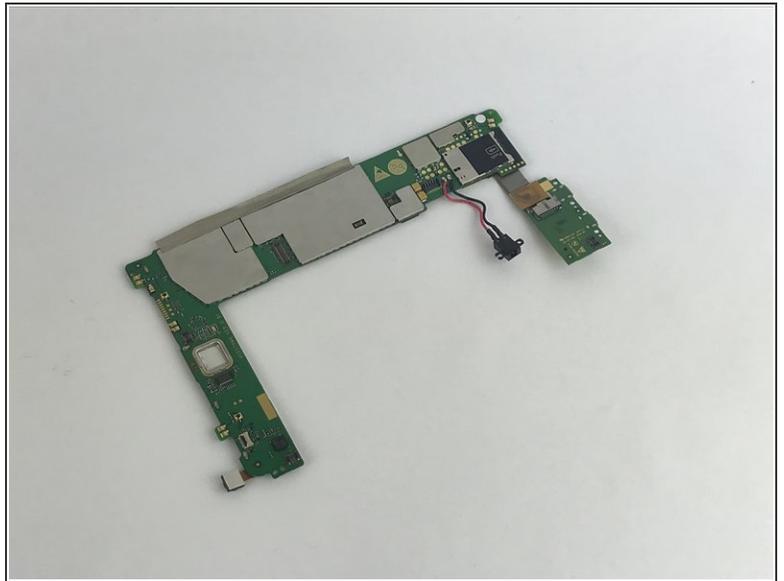
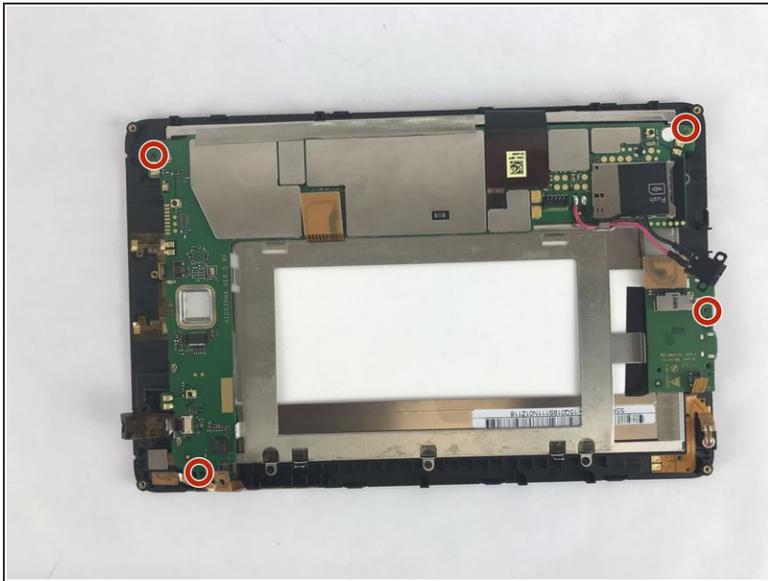
- Once the battery is removed, the motherboard is ready to be removed.
- Remove the camera from the motherboard by disconnecting the clip next to it. You can use the precision tweezer here.
- To remove the power port from the motherboard, unscrew the two 4mm screws with a T5 bit.

Step 6



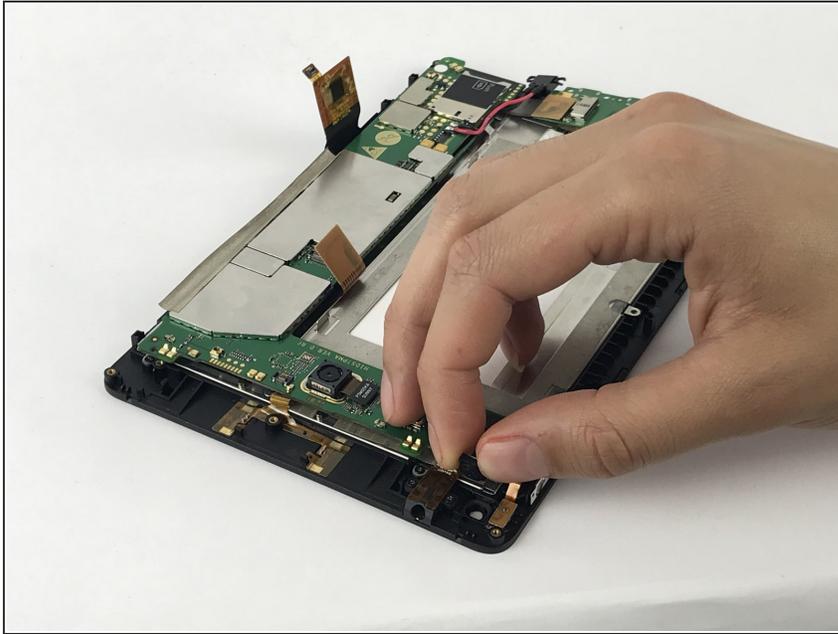
- Use the precision tweezers to disconnect the 7 clips from the motherboard
- Remove the headphone input cable from the motherboard by carefully pulling on the clip.

Step 7



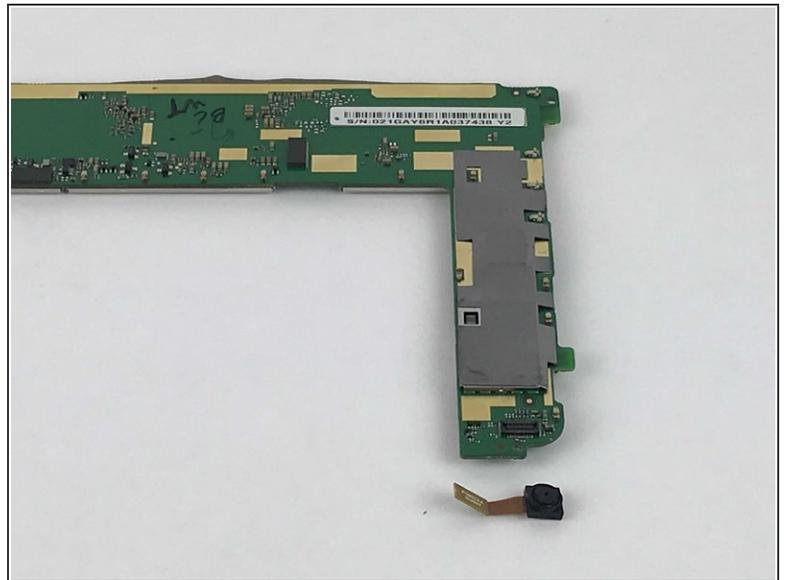
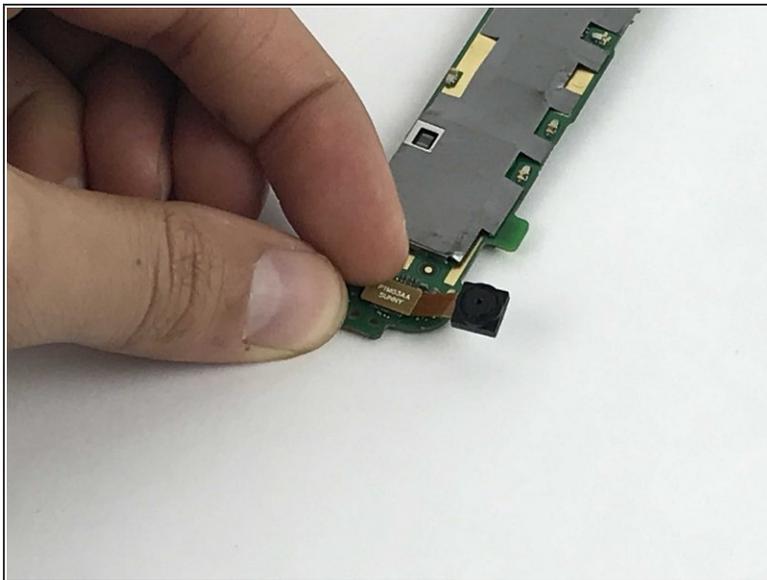
- Unscrew the 4 screws 4mm with T5 bit from the edges or the frame of the motherboard to remove it
- Carefully remove the motherboard from the metal frame.
- ⓘ A long thin tape will be attached to the motherboard. This tape can be pulled along with the motherboard.

Step 8 — Front Camera



- Once the battery is removed, remove the front facing camera from the socket located on the top left of the tablet.

Step 9



- Gently unclip the camera from the motherboard using your fingers or a pair tweezers.

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