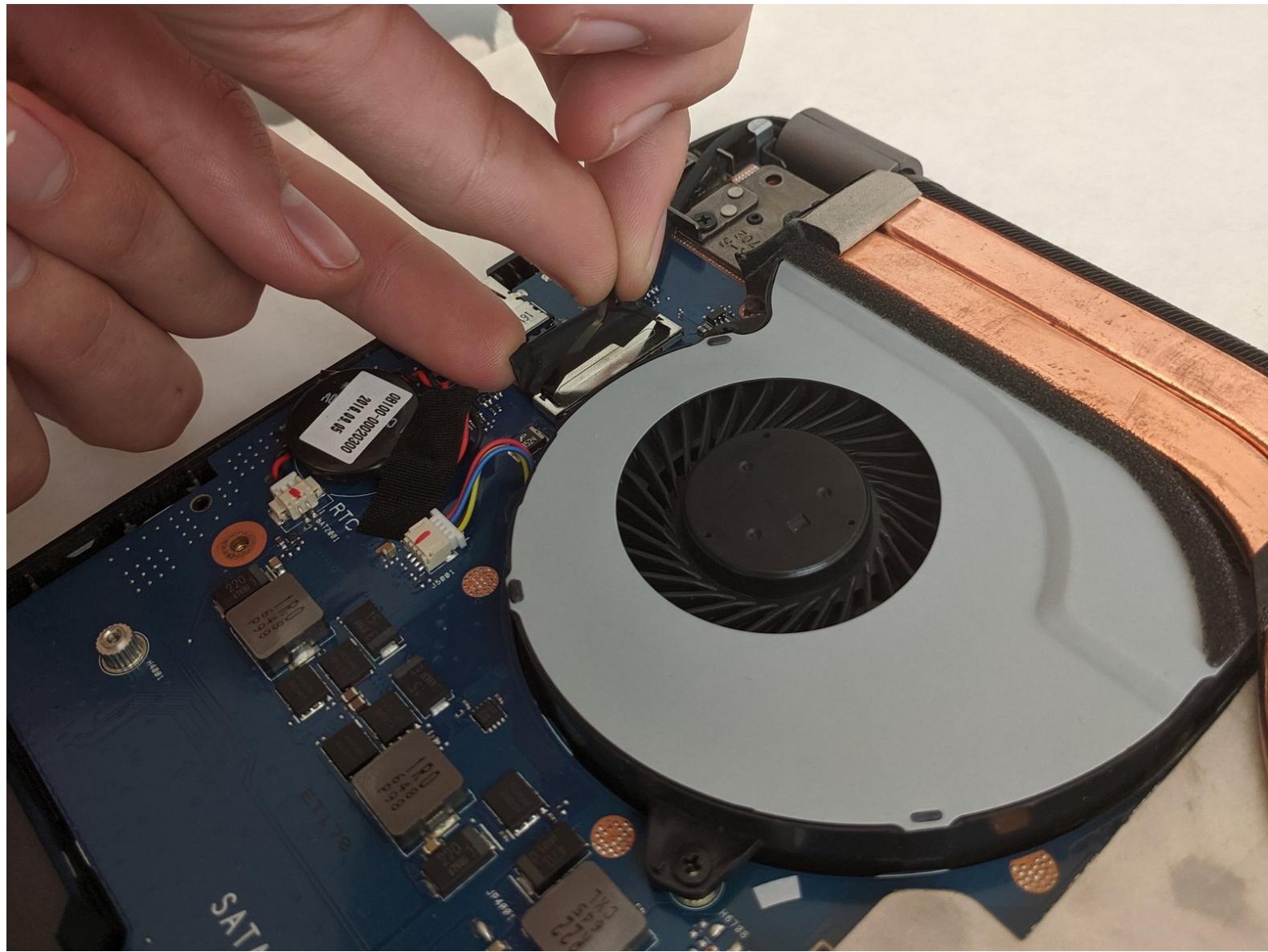




# Asus ROG Strix GL702VS Motherboard Replacement

How to correctly remove the motherboard in the ASUS ROG STRIX GL702VS.

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## INTRODUCTION

This is a step by step walkthrough on how to remove the motherboard in the ASUS Republic of Gamers STRIX GL702VS gaming laptop. If you are experiencing compiling errors, computer crashes, or your unit fails to boot up, and have determined your motherboard is failing, consult this guide for removal and replacement.

### TOOLS:

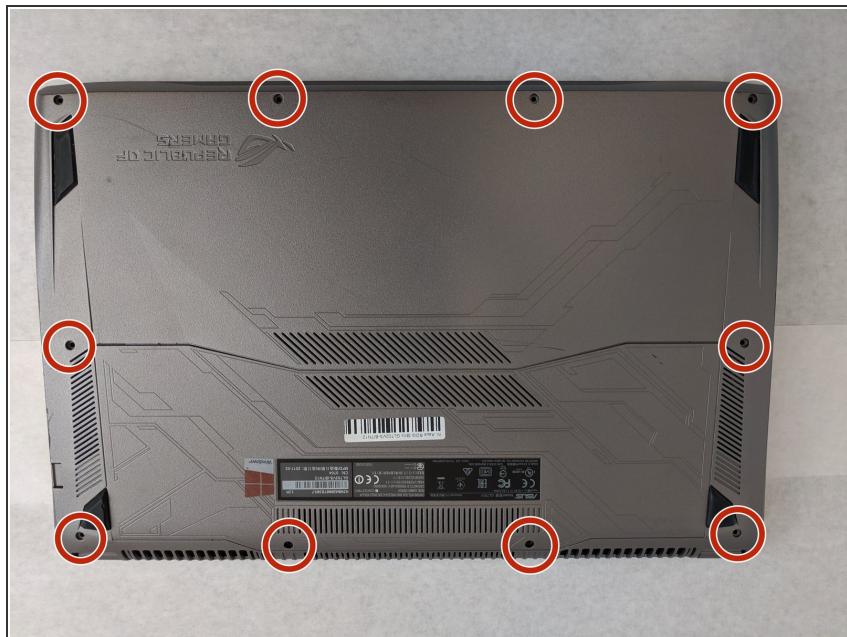
- [Jimmy](#) (1)
- [JIS #0 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [Spudger](#) (1)

## Step 1 — Back Cover



- Flip the computer so the bottom of the laptop is facing up.

## Step 2



- Remove the ten JIS #0 screws around the edge of the laptop.

## Step 3



- Use a Jimmy to carefully free each side of the bottom casing.

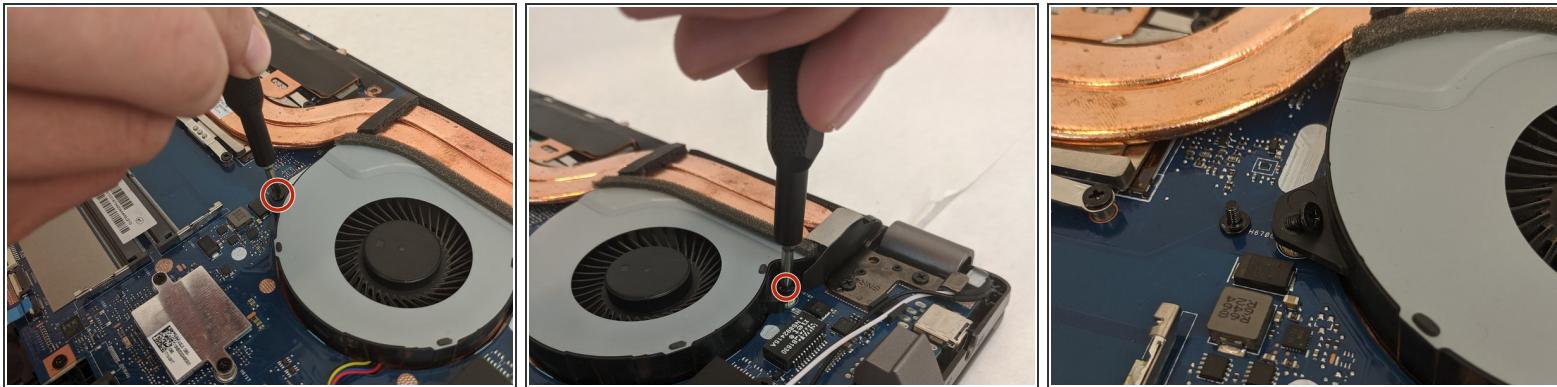
## Step 4



- Lift up the back casing from the computer.

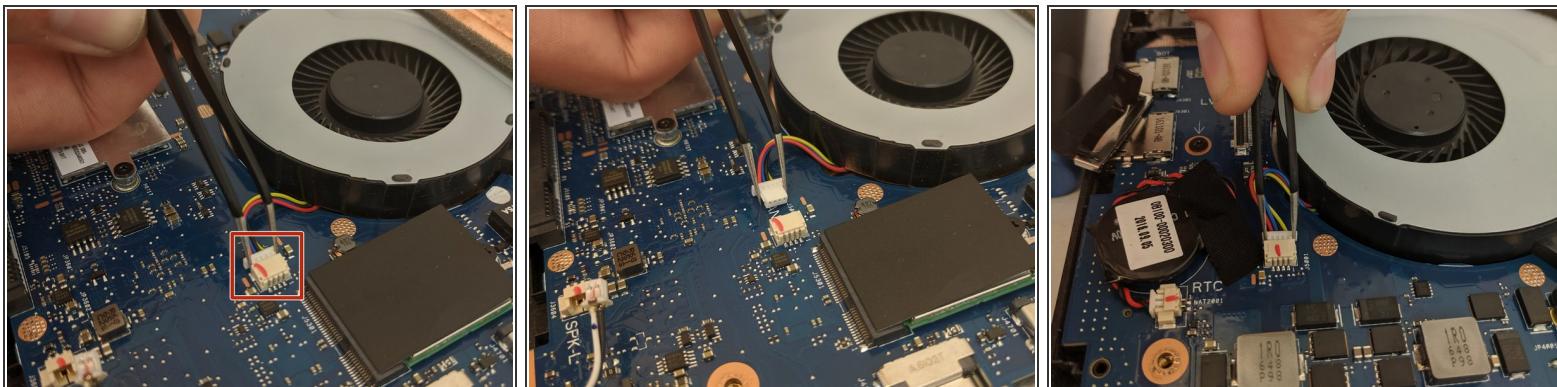
*(i)* You may hear clicking or snapping sounds. This is just the plastic clips coming loose.

## Step 5 — Cooling Fans



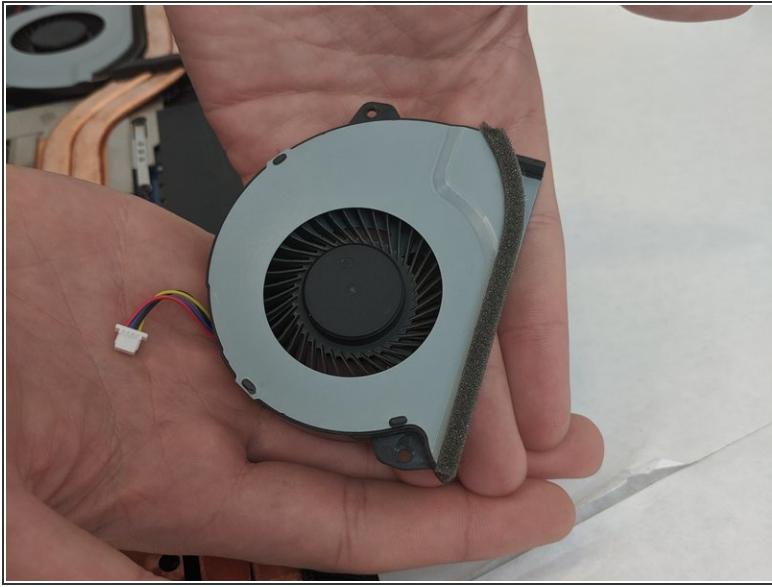
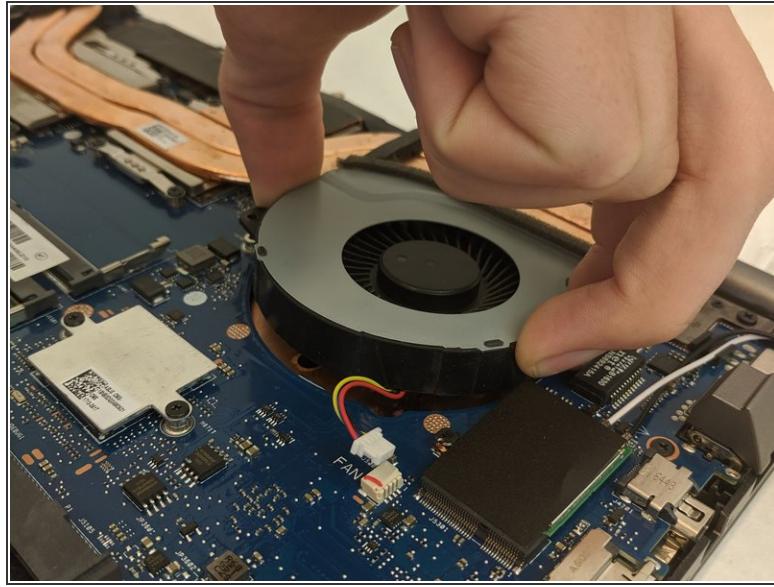
- Remove the four 4.8mm JIS #0 screws (two on each fan).

## Step 6



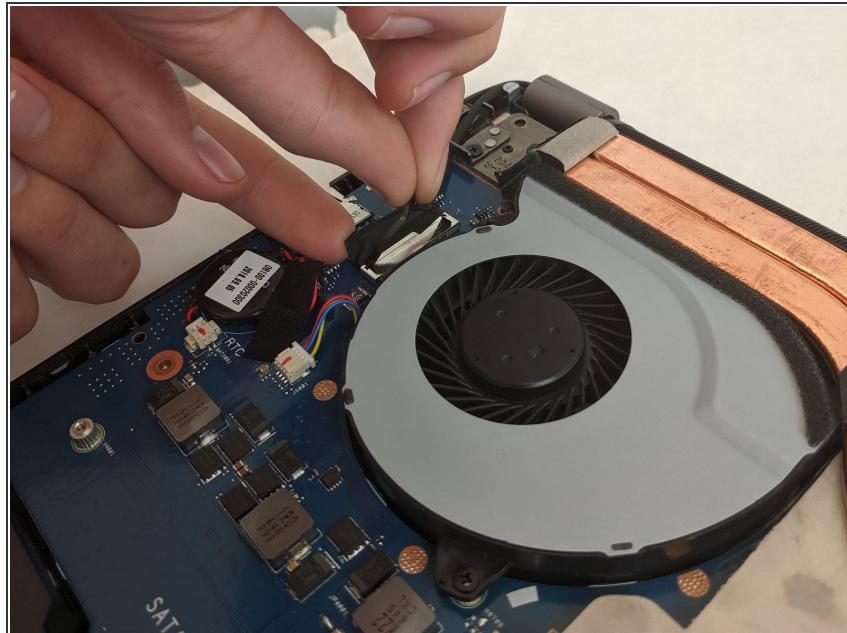
- Remove the fan's connector on the motherboard using a pair of tweezers.
- Be gentle, as the small clips and wires can be easily damaged.

## Step 7



- Gently lift each fan up and out of position.

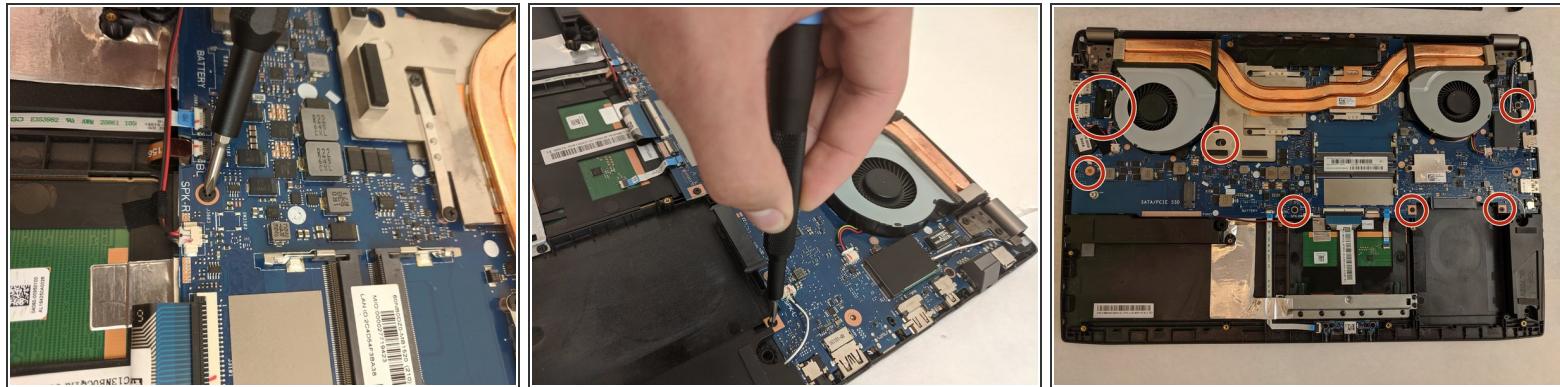
## Step 8 — Motherboard



- Carefully disconnect the screen connector by lightly pulling the clip out.

⚠ Wires are delicate and can easily be disconnected. Disconnecting shouldn't take much force.

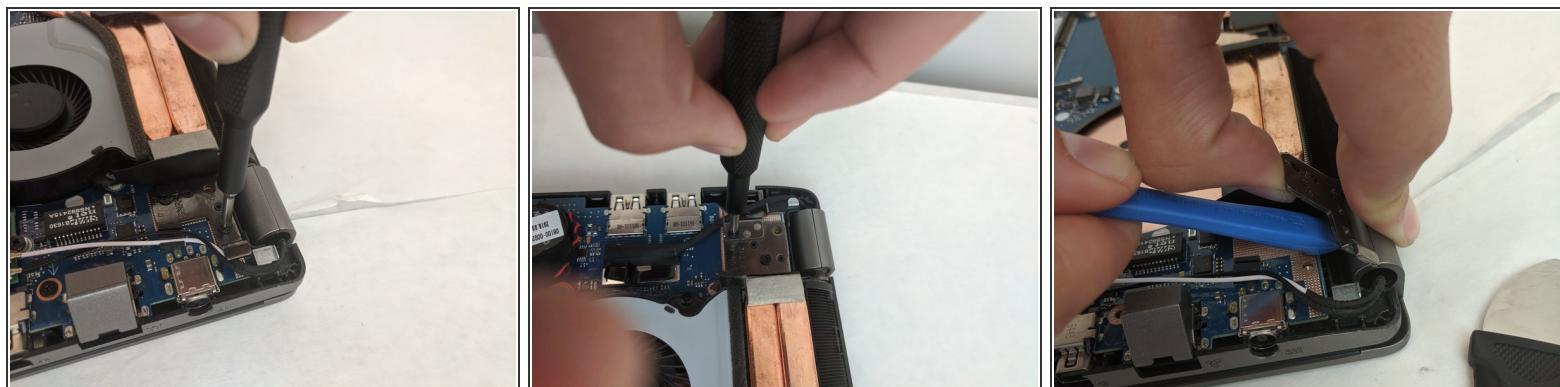
## Step 9



- Remove the seven 4mm JIS #0 screws holding the motherboard in place.

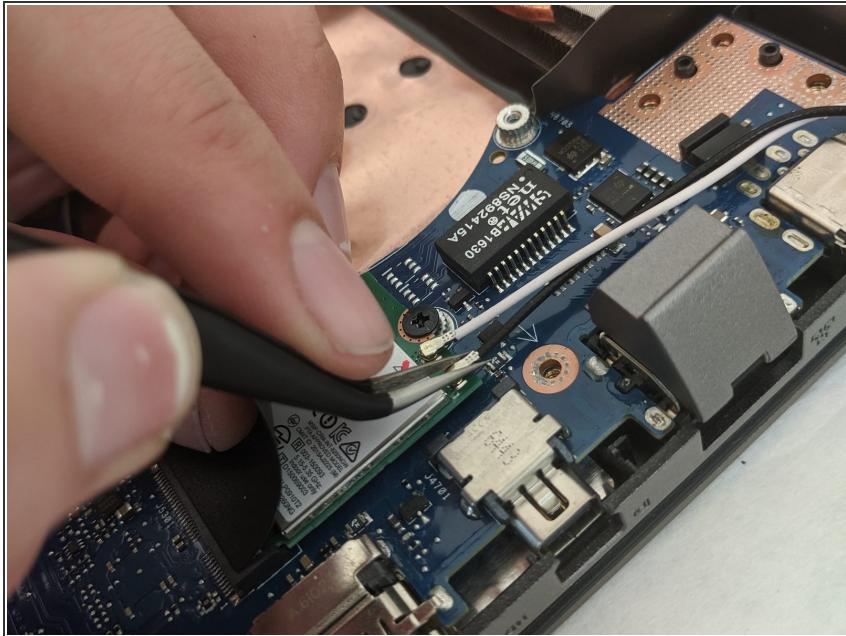
*(i)* One is normally hidden and requires you to disconnect the screen connector.

## Step 10



- Unscrew the set of two 6.5mm JIS #0 screws located at each of the top corners of the motherboard.
- Using the plastic opening tool, lift up the holding flaps that secure the screen to the base.

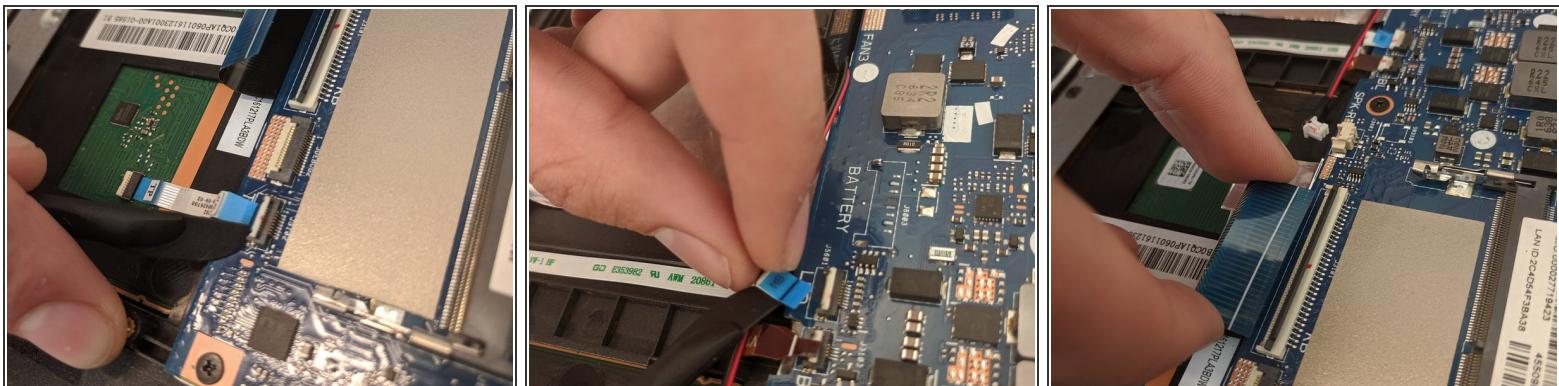
## Step 11



- Disconnect the wifi antenna by disconnecting one black and one white wire, located behind the ethernet port.

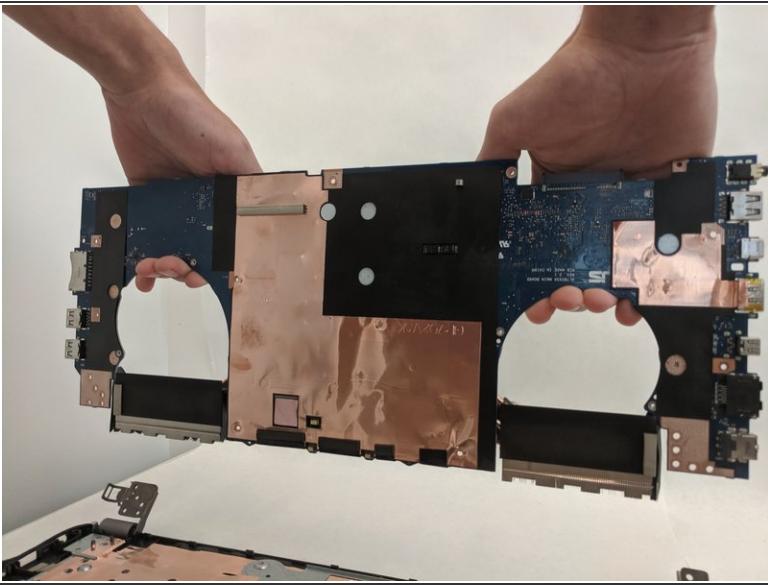
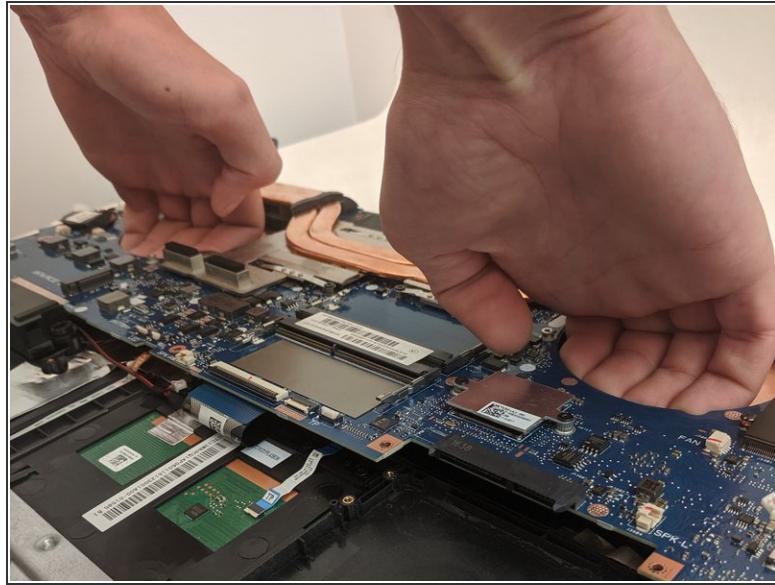
- ➡ There are small corresponding triangles that can be seen for the wires. Use this for reconnecting the wires when reassembling.

## Step 12



- Lift up the ribbon cable connector tabs that can be found at the bottom of the motherboard with a nylon spudger.
- Remove all 4 ribbon cables by gently sliding them out.

## Step 13



- Where the fans where located grasp and carefully lift the motherboard up with both hands.

**⚠** Do not force it. If you feel resistance, you could potentially damage your computer. If you feel resistance, restart this guide to ensure you have removed all screws and connections.

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