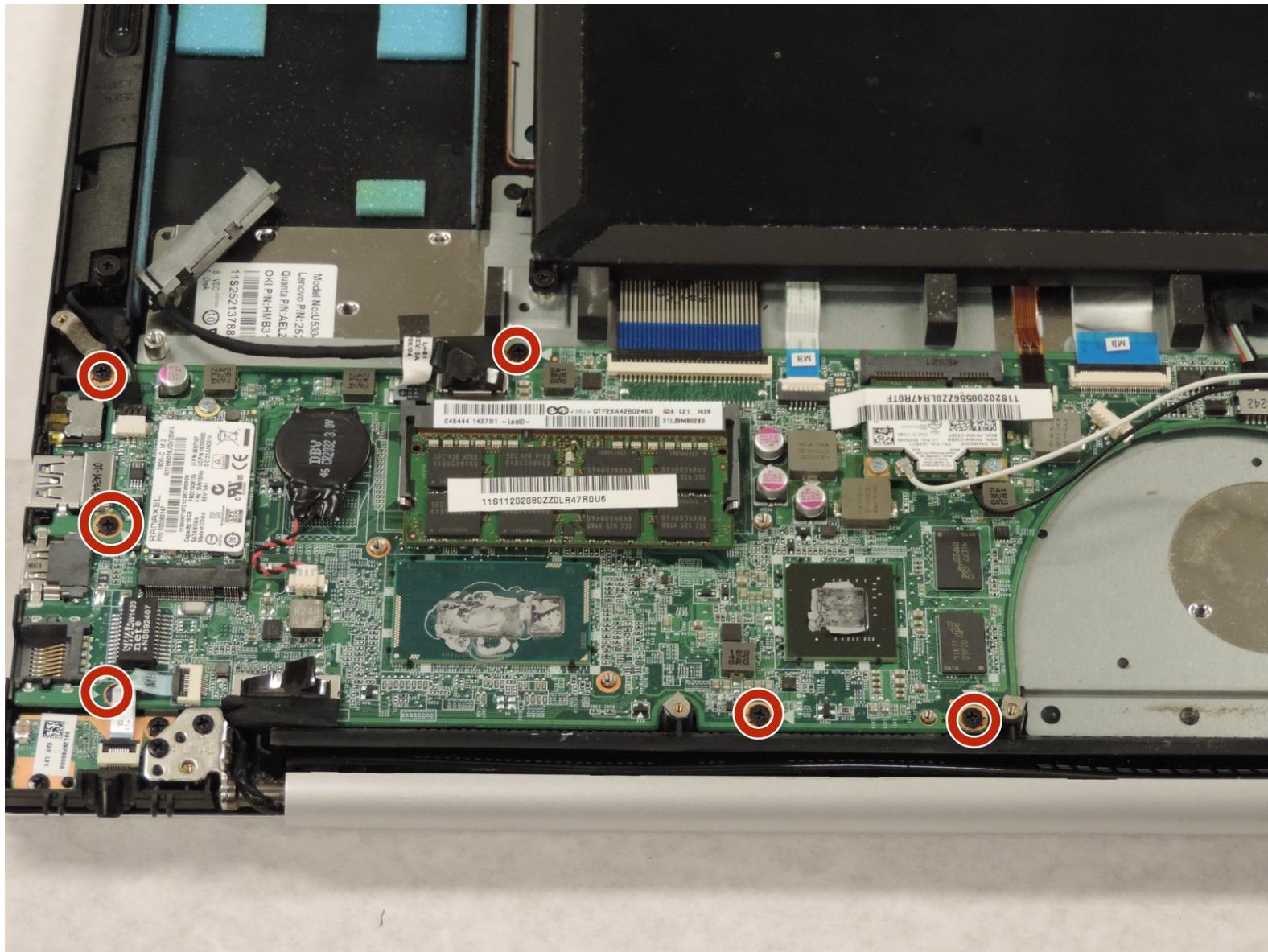




# Lenovo IdeaPad U530 Touch Motherboard Replacement

The motherboard holds all of the integrated software and chips that run your device.

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## INTRODUCTION

The motherboard is attached to everything in your device, so it is an intensive process to remove it.

### TOOLS:

- [Phillips #1 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)

## Step 1 — Fan



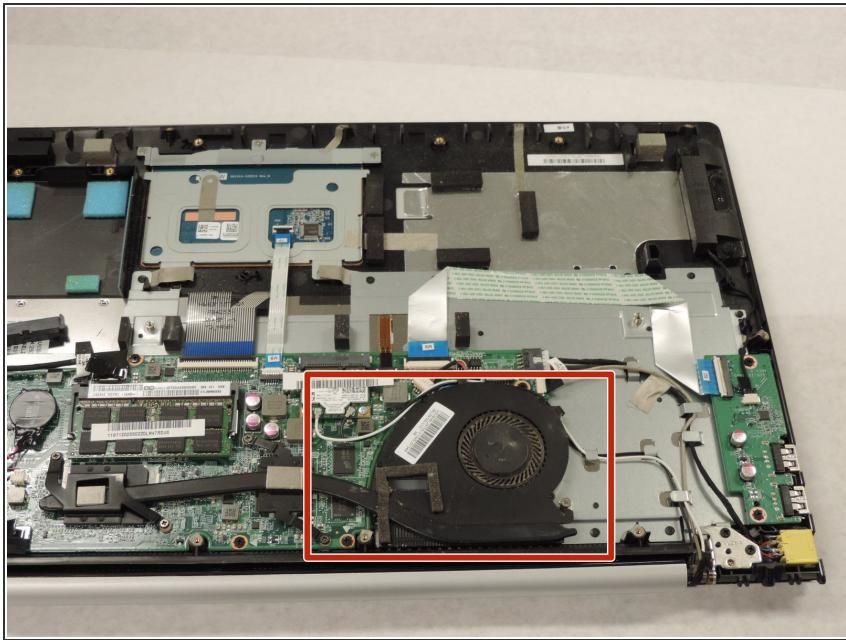
- Remove all of the screws on the back panel with a Phillips #000 screwdriver.
- Turn over the device and remove the two screws on the outside of the hinges.

## Step 2



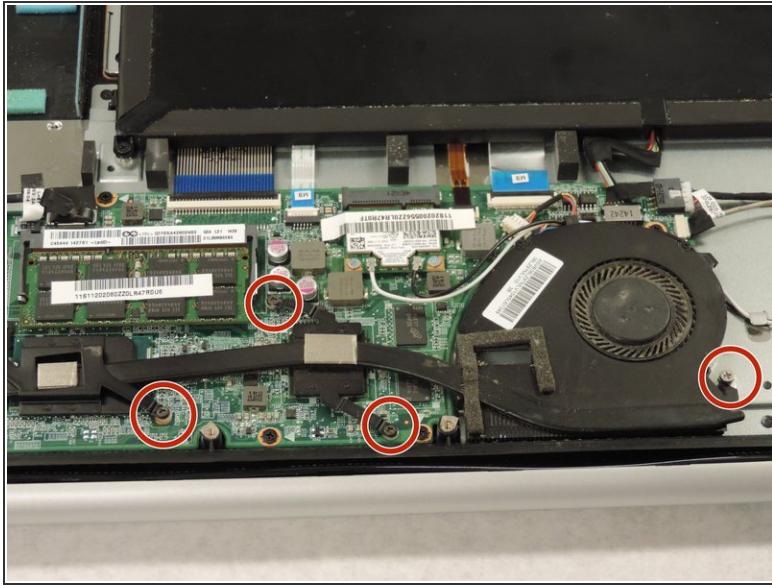
- Use a pry tool or iFixIt Opening tool to separate the back panel from the device.

## Step 3



- Locate the fan and associated parts. It will be in the bottom right of the computer pictured. It is black and has an extension heading off toward the left.

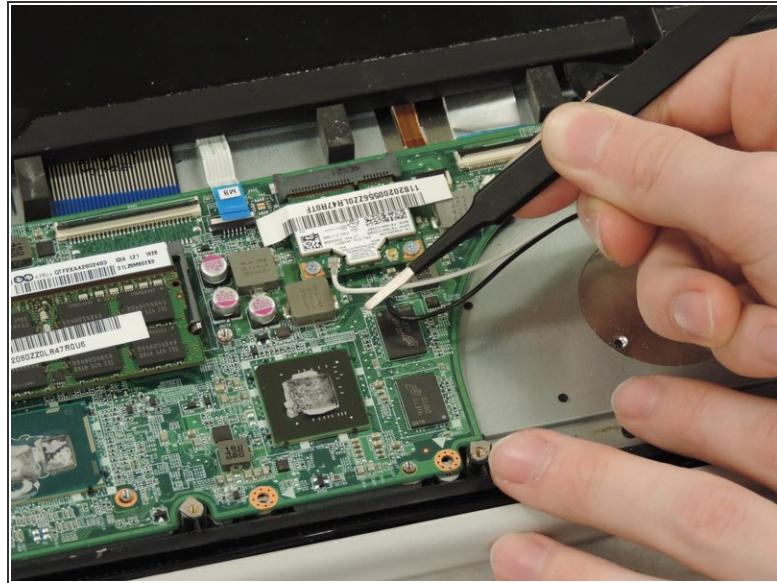
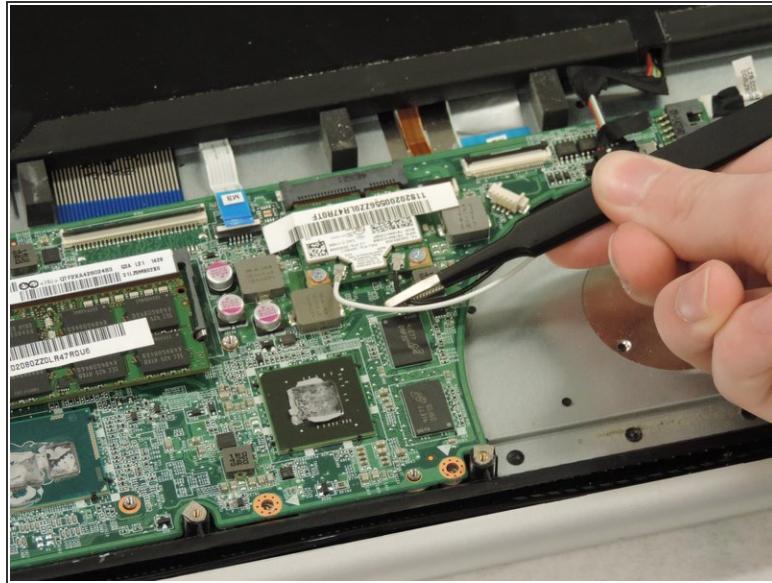
## Step 4



- Unscrew the fan casing by using a PH1 size screwdriver head.

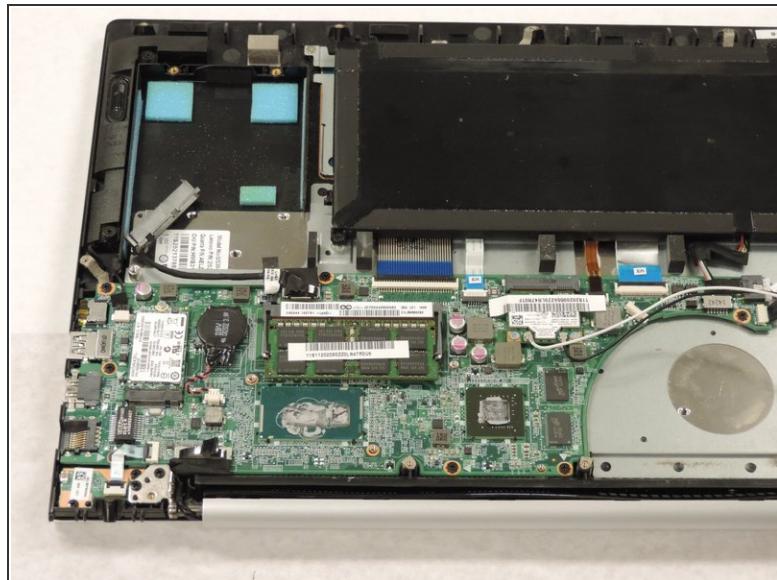
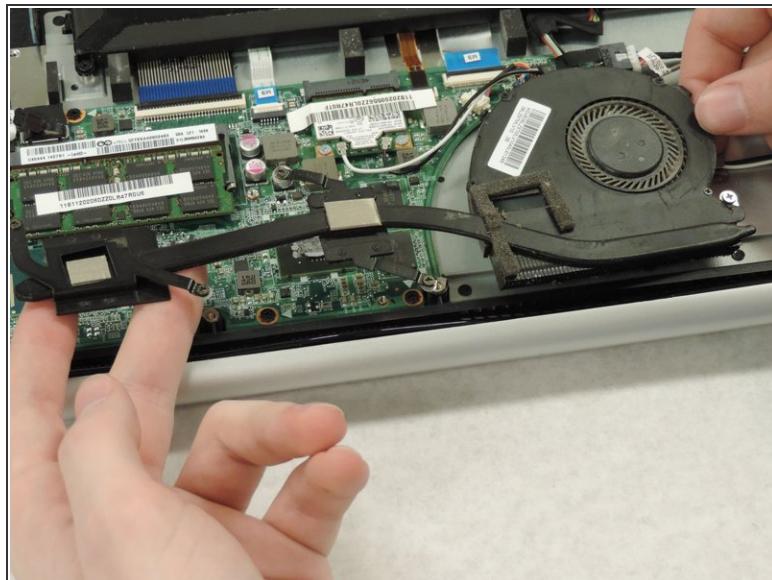
**⚠** All fan screws are attached to the fan apparatus, so do not attempt to separate them after unscrewing them.

## Step 5



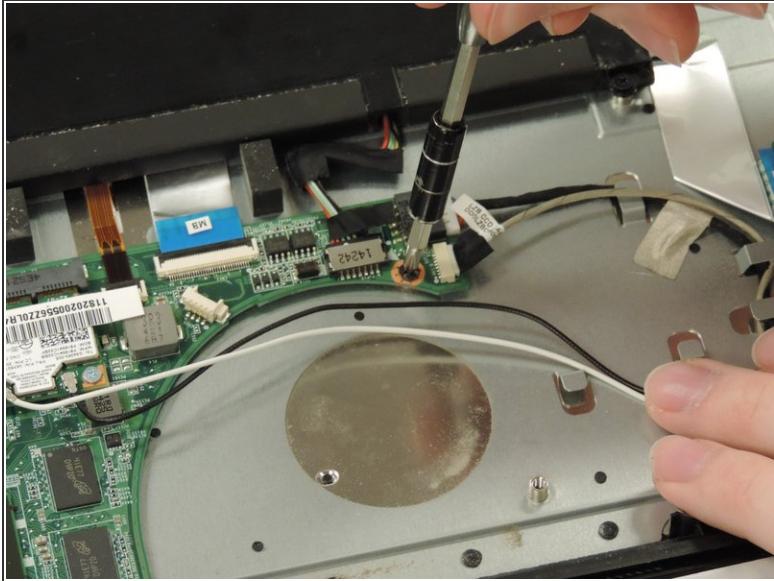
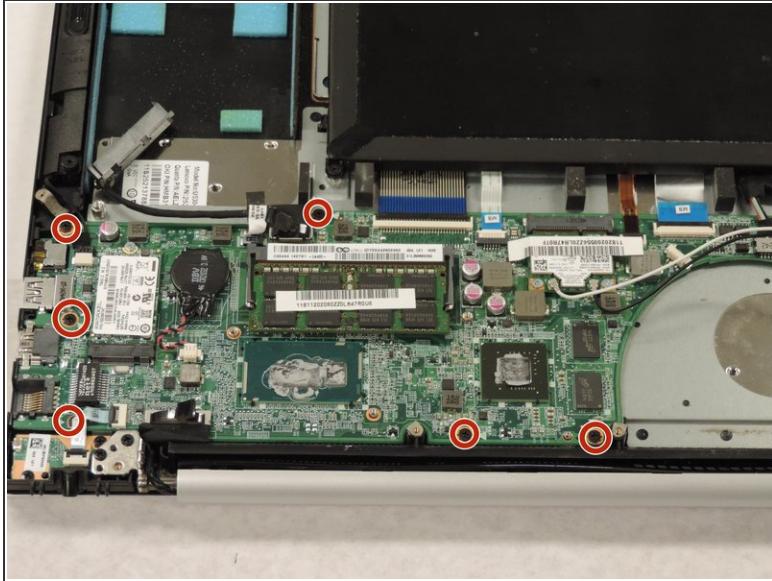
- Remove the black and white wires connecting the fan to the network adapter.

## Step 6



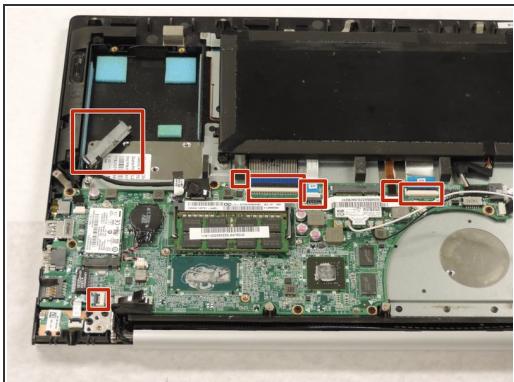
- Lift the fan straight out of the casing.

## Step 7 — Motherboard



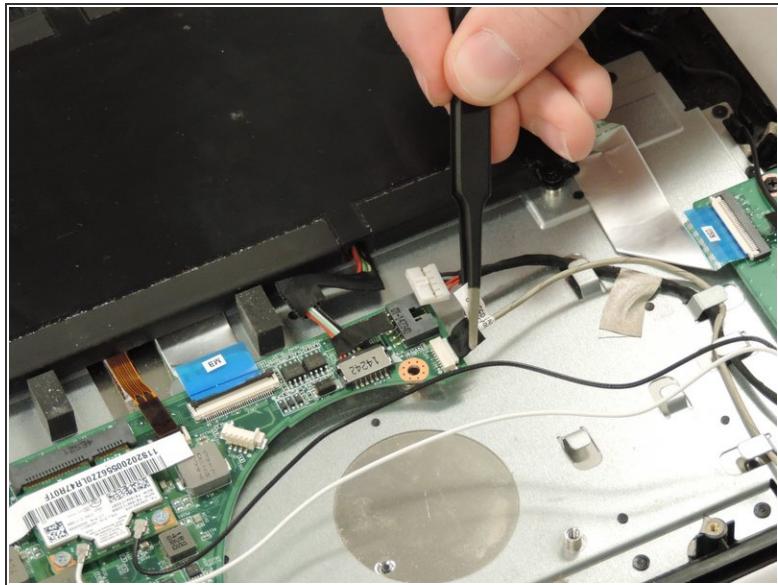
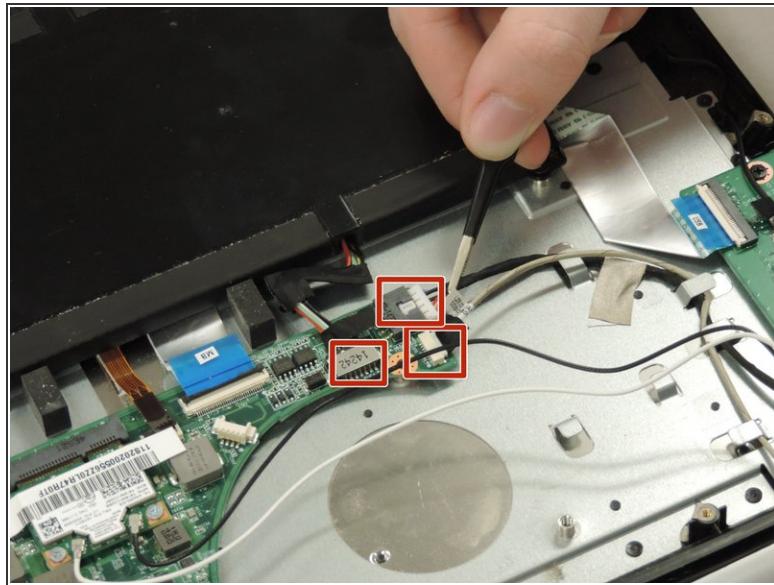
- Remove all of the black screws that attach the motherboard to the casing. The screws are all black with a yellow circle around them.

## Step 8



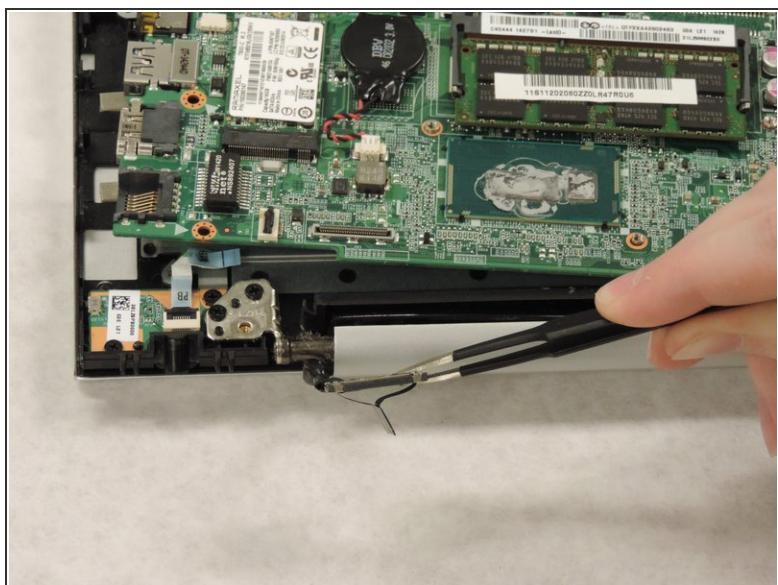
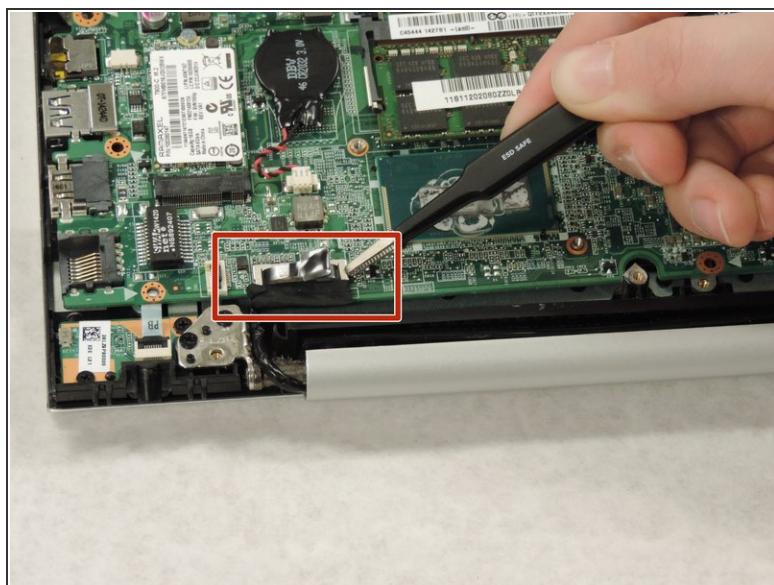
- Remove all of the ribbons that are attached to the motherboard. Several of them have a black tab at the connector; lift that before pulling out the ribbon.
- If your machine has a hard drive in the top left corner instead of a solid state drive, unplug it from the motherboard.

## Step 9



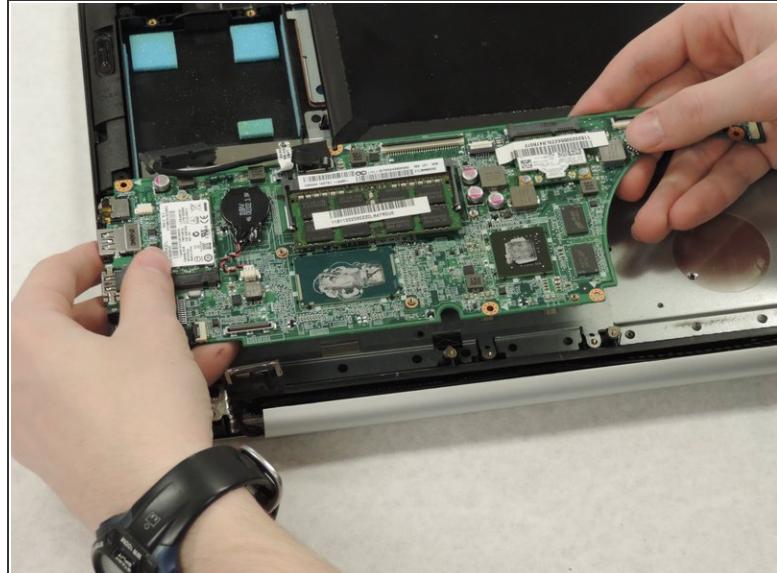
- Remove the 3 plugs in the top right corner of the motherboard with a pair of tweezers. When possible, pull on the black tabs attached the wires to prevent any damage to the plugs.

## Step 10



- Remove the power button cable with a pair of tweezers.

## Step 11



- Unplug the final plug in the top left corner of the motherboard.
- Lift the motherboard straight up out of the casing.

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