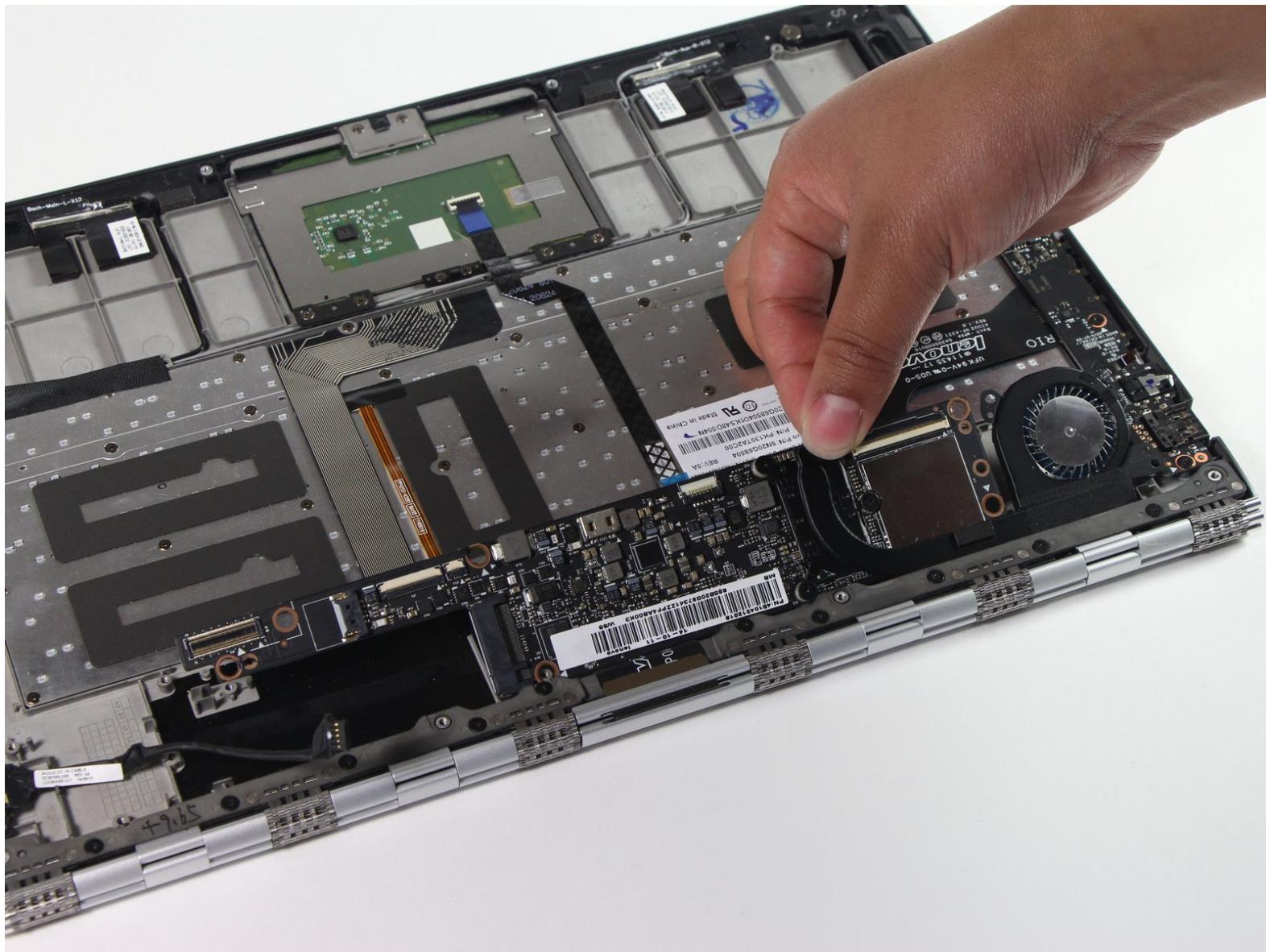




# Lenovo Yoga 3 Pro Motherboard Replacement

This guide will show you how to remove the malfunctioning motherboard from the Lenovo Yoga 3 Pro.

Written By: Nathan Lui



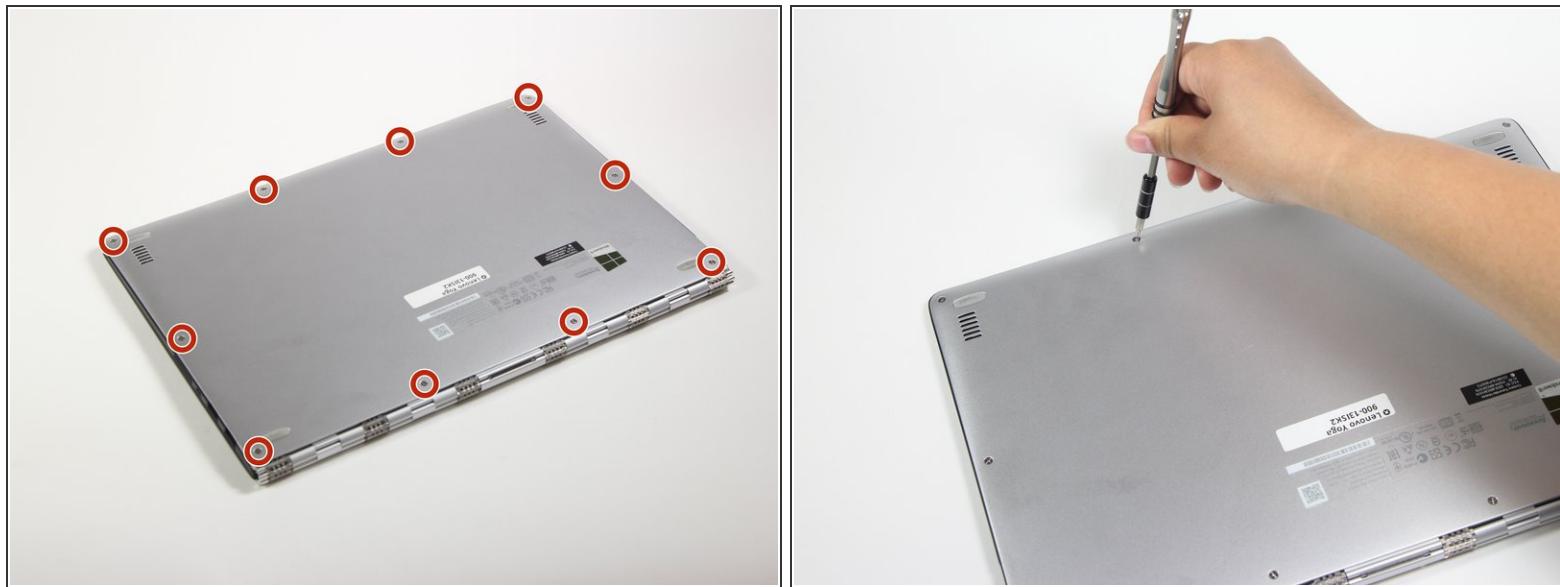
## INTRODUCTION

This guide will show you how to remove the motherboard from the Lenovo Yoga 3 Pro. As an extra precaution, the battery should be removed first before proceeding with the rest of the device.

### TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- T5 Torx Screwdriver (1)

## Step 1 — Back Panel



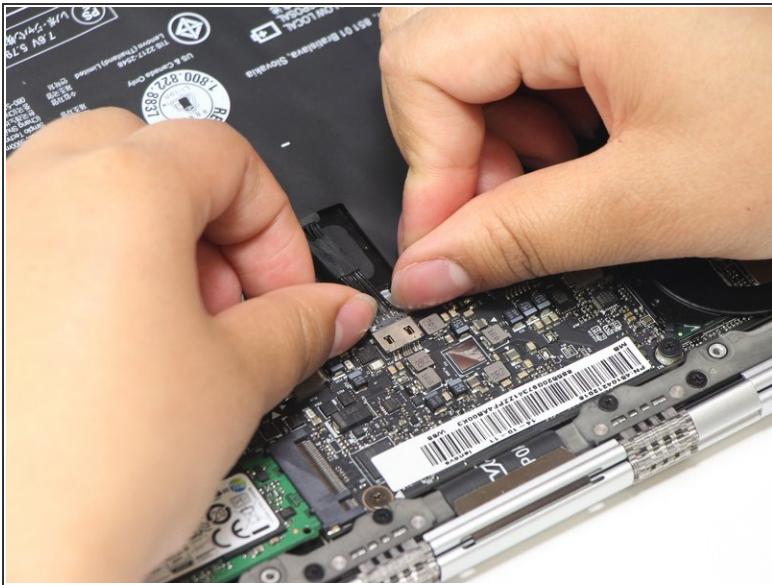
- Flip the laptop so that the back panel is facing up.
- Remove the ten 4.0mm T6 Torx screws from the back of the laptop.

## Step 2



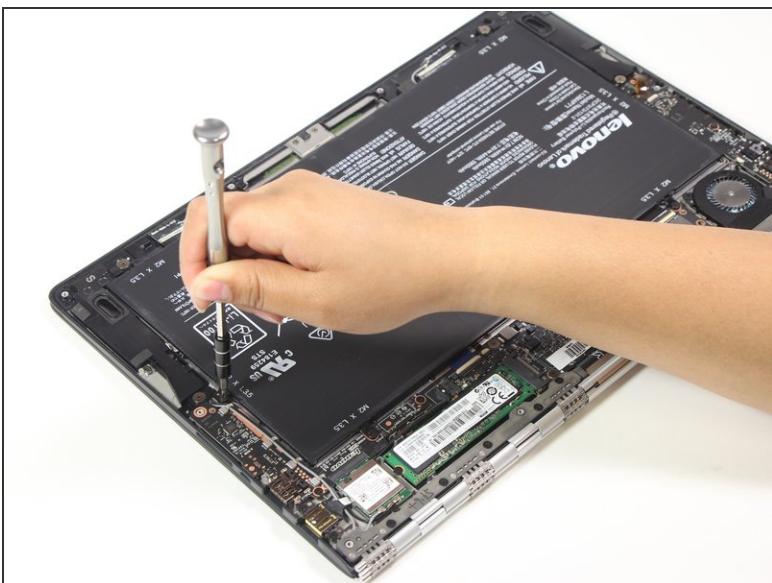
- Gently lift the back cover off of the laptop.

## Step 3 — Battery



- Push the black battery cable towards the battery to disconnect it.

## Step 4



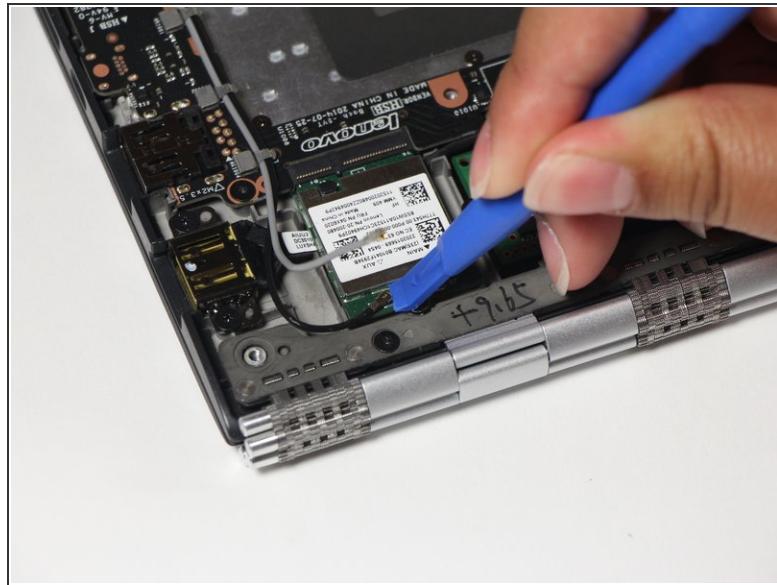
- Remove the six #0 3.8mm Phillips screws from the battery.

## Step 5



- Gently lift the battery out of the laptop chassis.

## Step 6 — Wireless Card



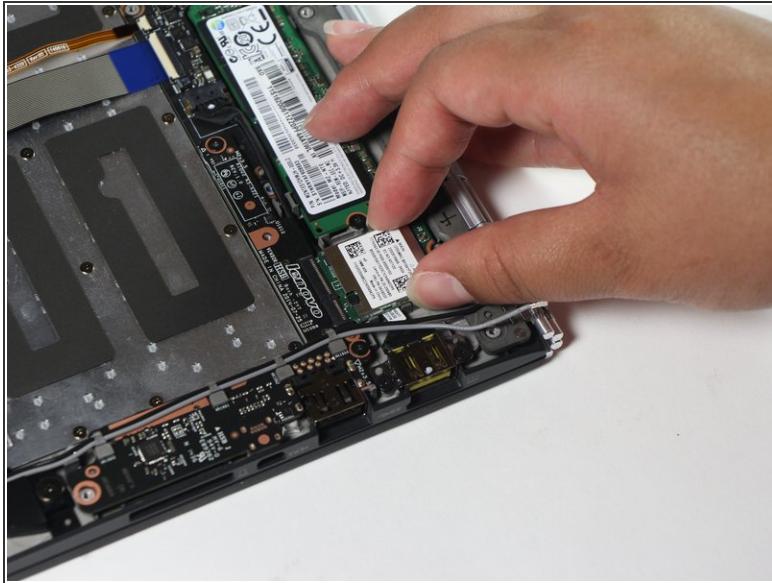
- Using the plastic opening tool, gently pry the grey wire off the wifi card.
- Pry the black wire off the wifi card.

## Step 7



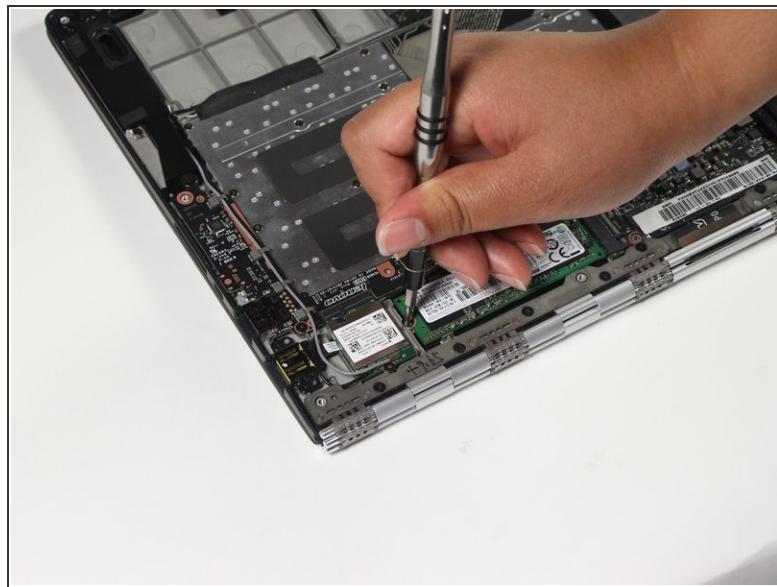
- Remove the one #0 2.9mm Phillips screw from the base of the wifi card.

## Step 8



- Gently lift and pull the wifi card out.

## Step 9 — SSD



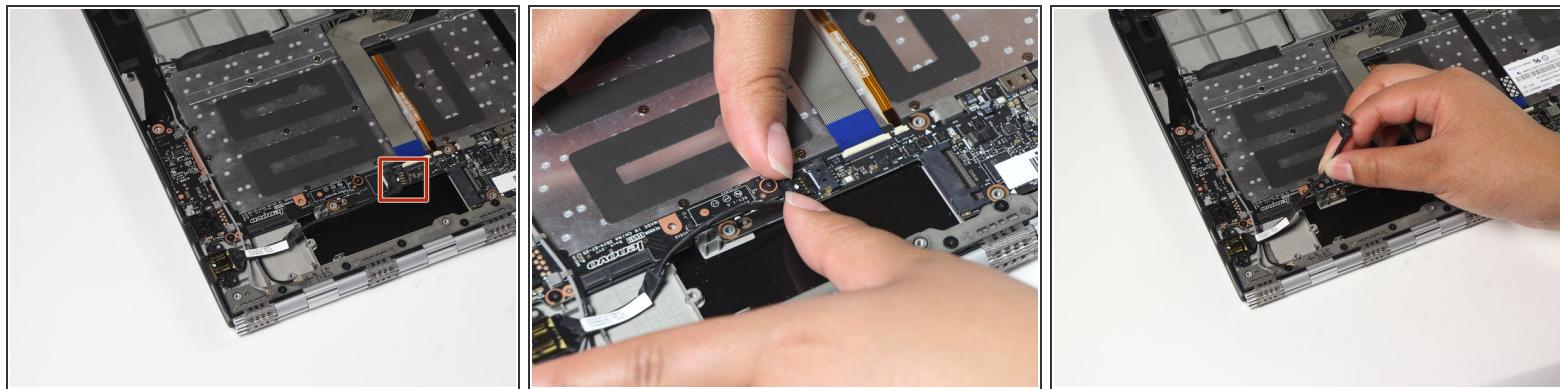
- Remove the one #0 2.9mm Phillips screw from the SSD.

## Step 10



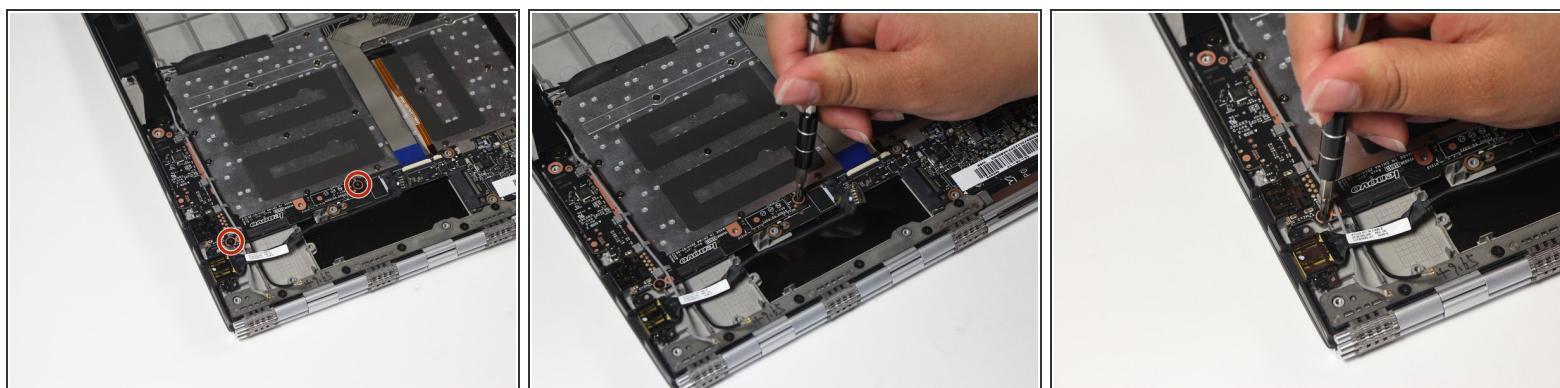
- Gently lift and wiggle the SSD side to side to remove it from the laptop chassis.

## Step 11 — Motherboard



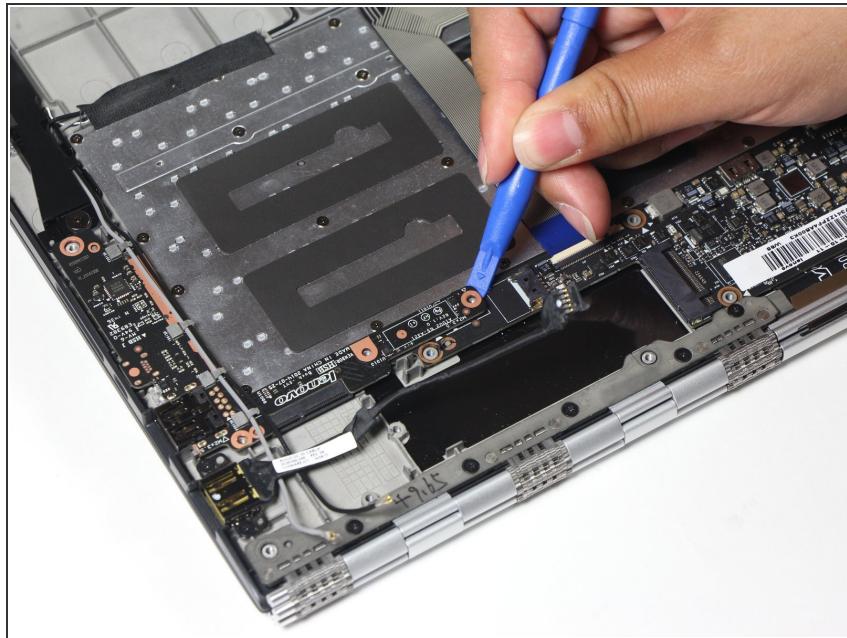
- Push the cable away from the motherboard.

## Step 12



- Remove the two #0 2.9mm Phillips screws from the daughter board.

## Step 13



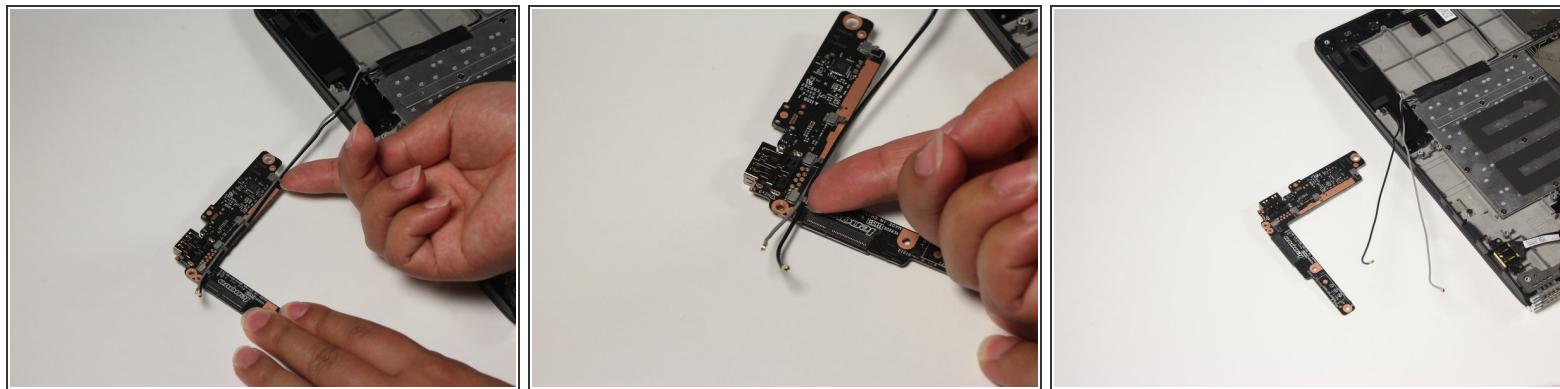
- Lift the daughter board with the plastic opening tool.
- *(i)* You will hear two clicks when lifting the daughter board.

## Step 14



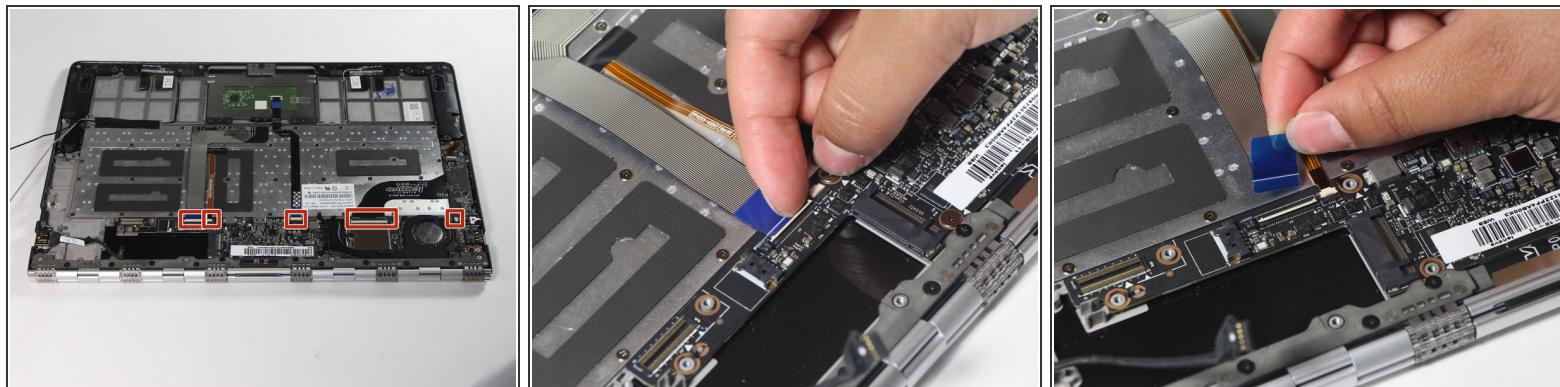
- Lift the daughter board, unrouting the wireless cables from their plastic holders, and place it to the side.

## Step 15



- Gently lift the metal tabs on the daughter board to free the wires.

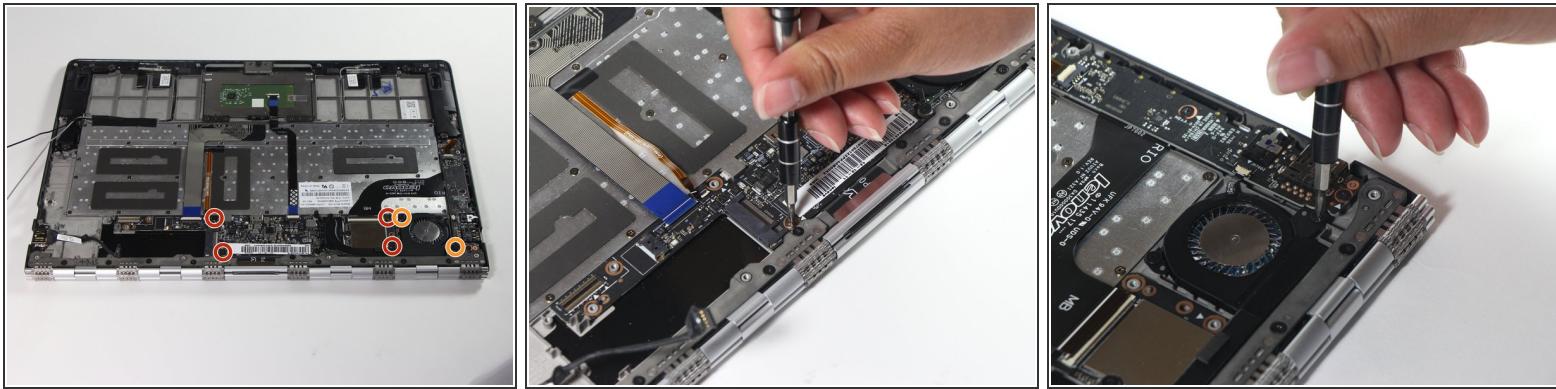
## Step 16



- Detach the five flat flex cables attached to the motherboard as follows:
  - 1. Flip the cable holder up with a finger nail
  - 2. Pull on the tab to remove the cable.

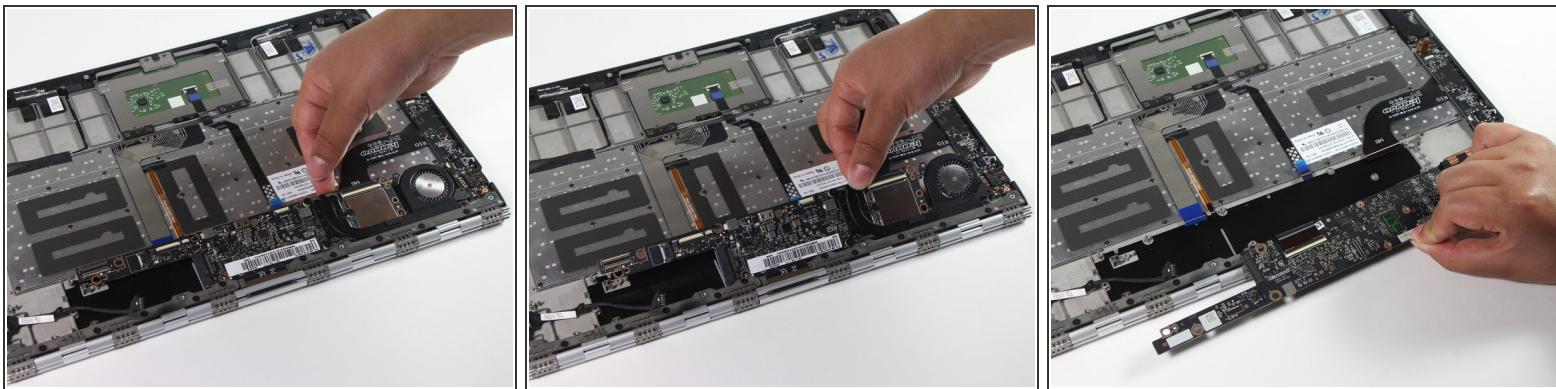
*(i)* The large black flat flex labeled 'MB' does not have a tab so gently tug the cable free from the end after flipping the cable holder.

## Step 17



- Remove the four #0 2.3mm Phillips screws holding down the motherboard.
- Remove the two #0 2.9mm Phillips screws holding down the fan.

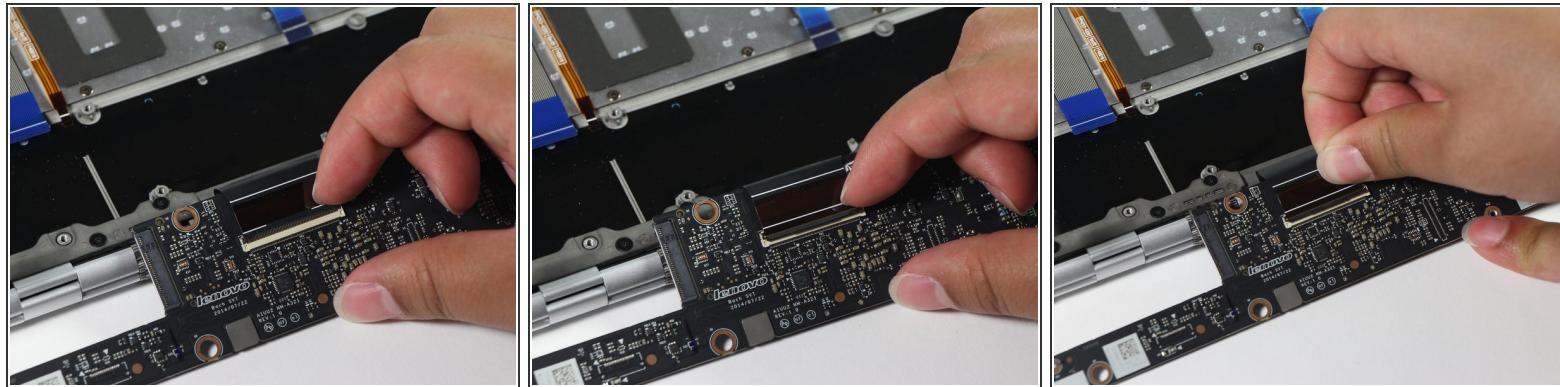
## Step 18



 Make sure the motherboard and fan are not caught on anything when flipping it over.

- Gently lift and flip the motherboard over.

## Step 19



- Flip the cable lock holding down the monitor connector.
- Remove the monitor connector by tugging on the tab.

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