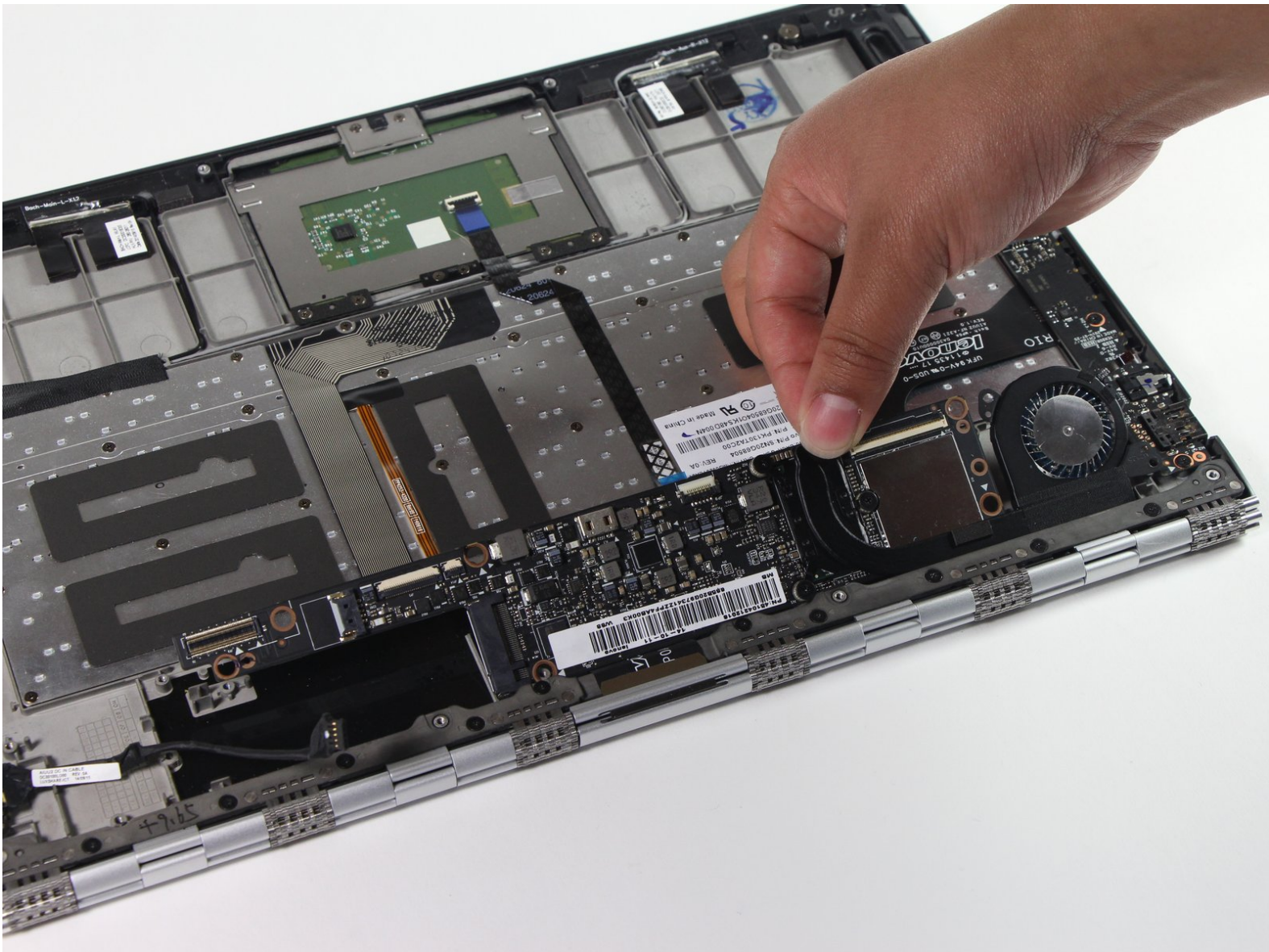




Lenovo Yoga 3 Pro Motherboard Replacement

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



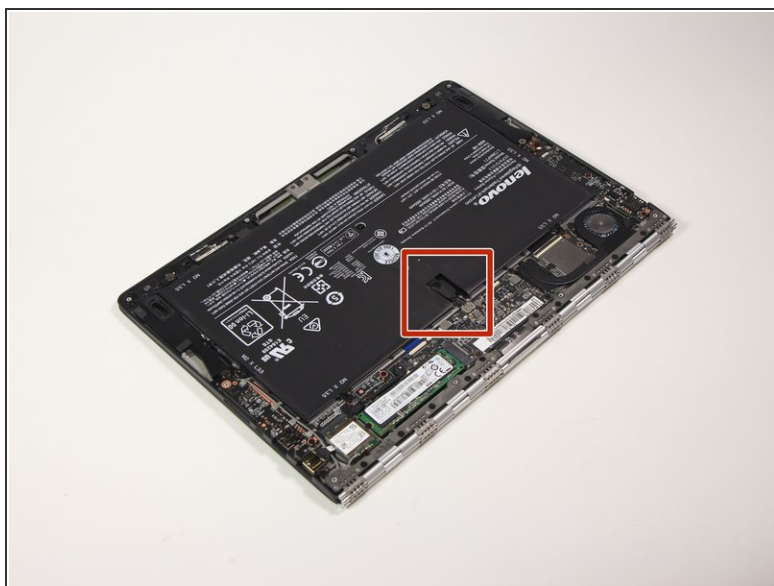
- Flip the laptop so that the back panel is facing up.
- Remove the ten 4.0mm T6 Torx screws from the back of the laptop.

Step 2



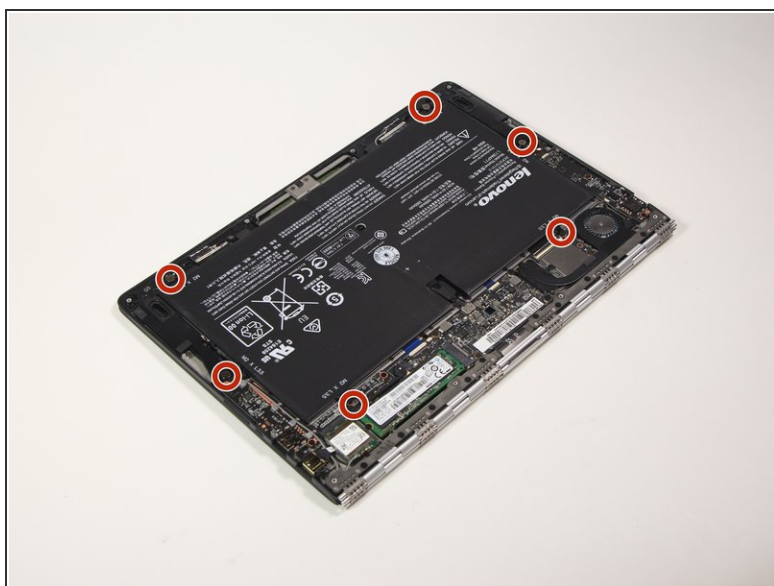
- Gently lift the back cover off of the laptop.

Step 3 — Battery



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

Step 4



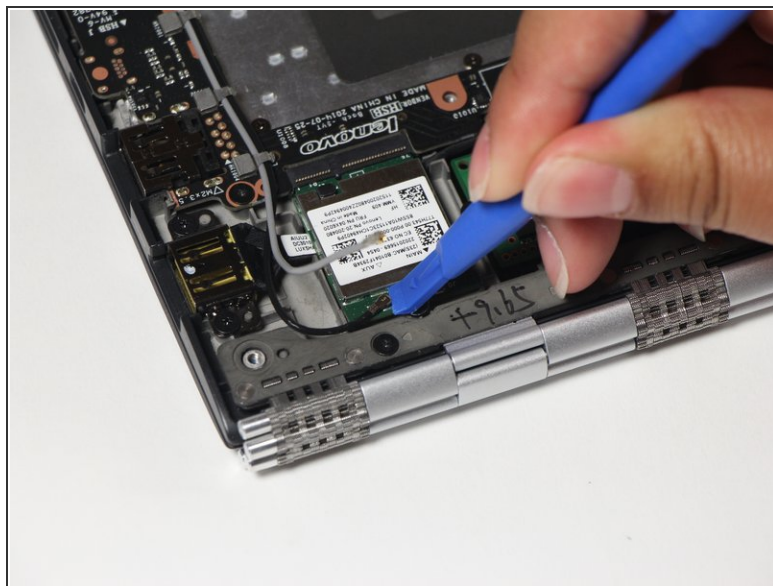
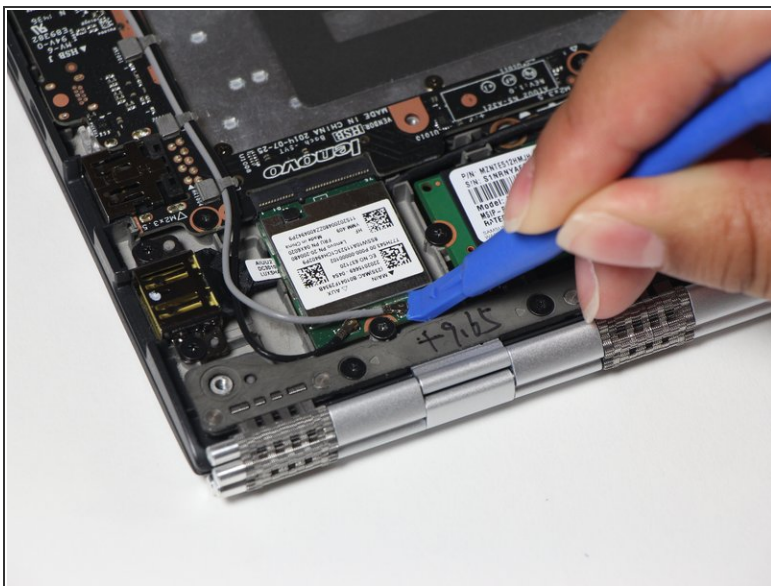
- Remove the six #0 3.8mm Phillips screws from the battery.

Step 5



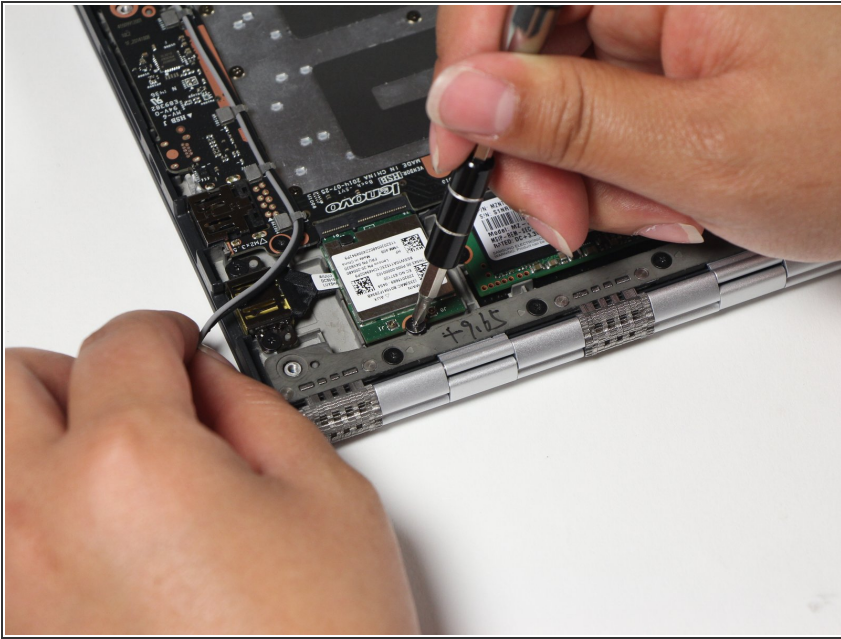
- Gently lift the battery out of the laptop chassis.

Step 6 — Wireless Card



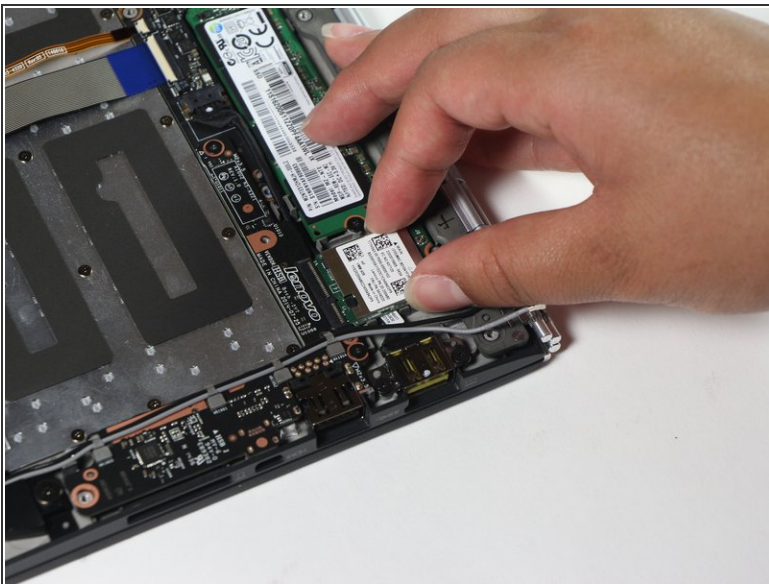
- Using the plastic opening tool, gently pry the grey wire off the wifi card.
- Pry the black wire off the wifi card.

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



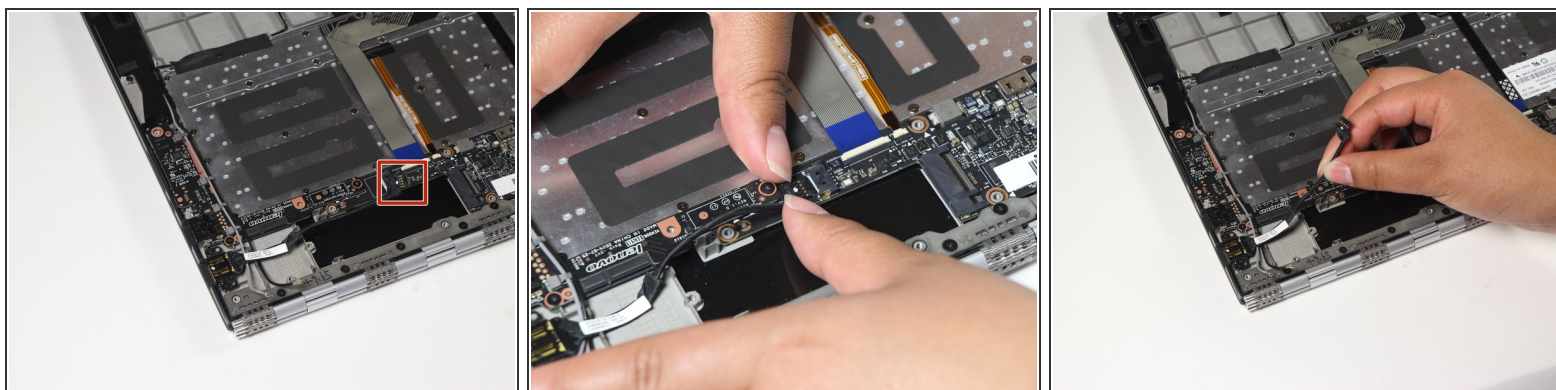
- Remove the one #0 2.9mm Phillips screw from the SSD.

Step 10



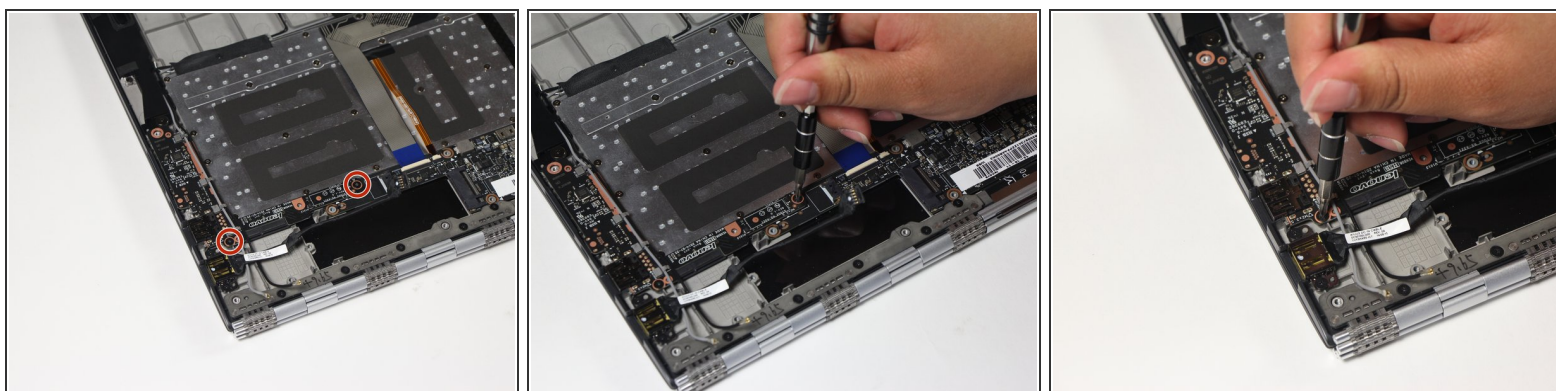
- Gently lift and wiggle the SSD side to side to remove it from the laptop chassis.

Step 11 — Motherboard



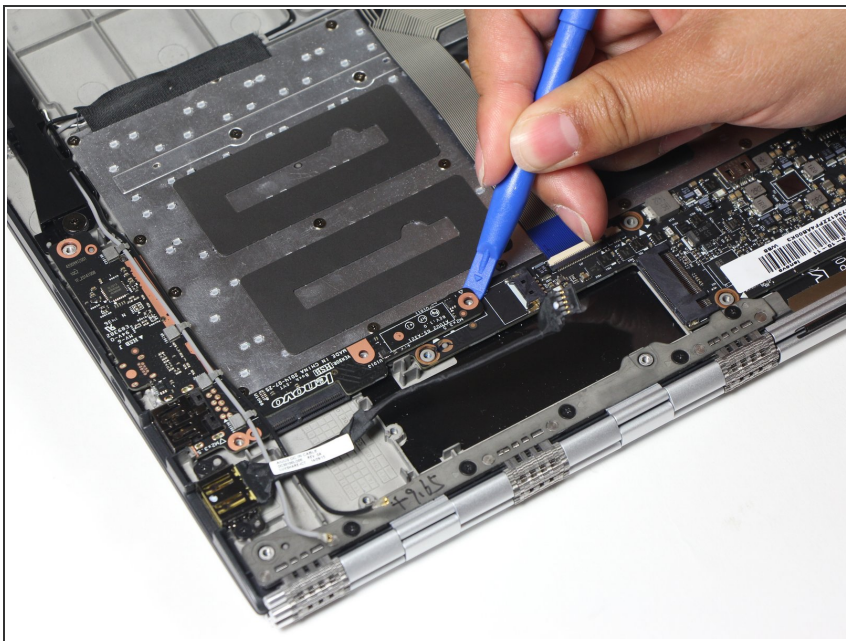
- Push the cable away from the motherboard.

Step 12



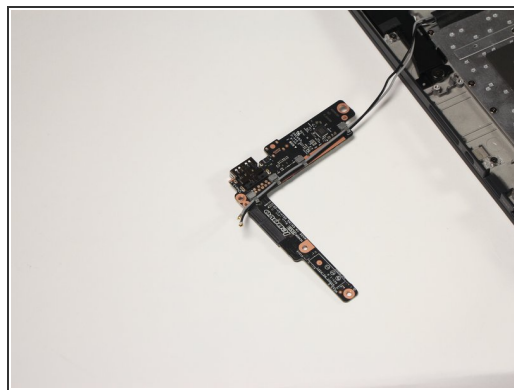
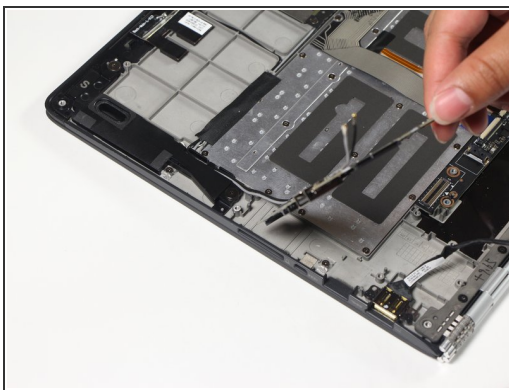
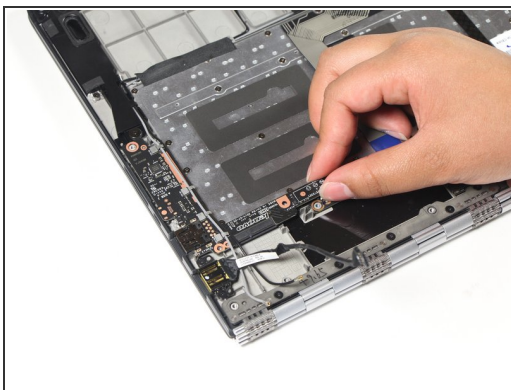
- Remove the two #0 2.9mm Phillips screws from the daughter board.

Step 13



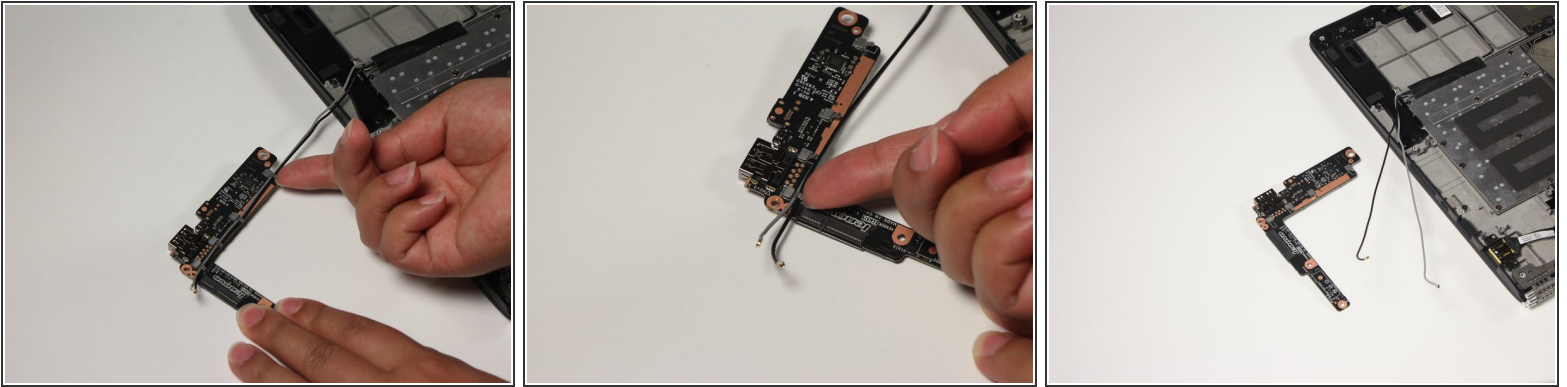
- Lift the daughter board with the plastic opening tool.
- ⓘ You will hear two clicks when lifting the daughter board.

Step 14



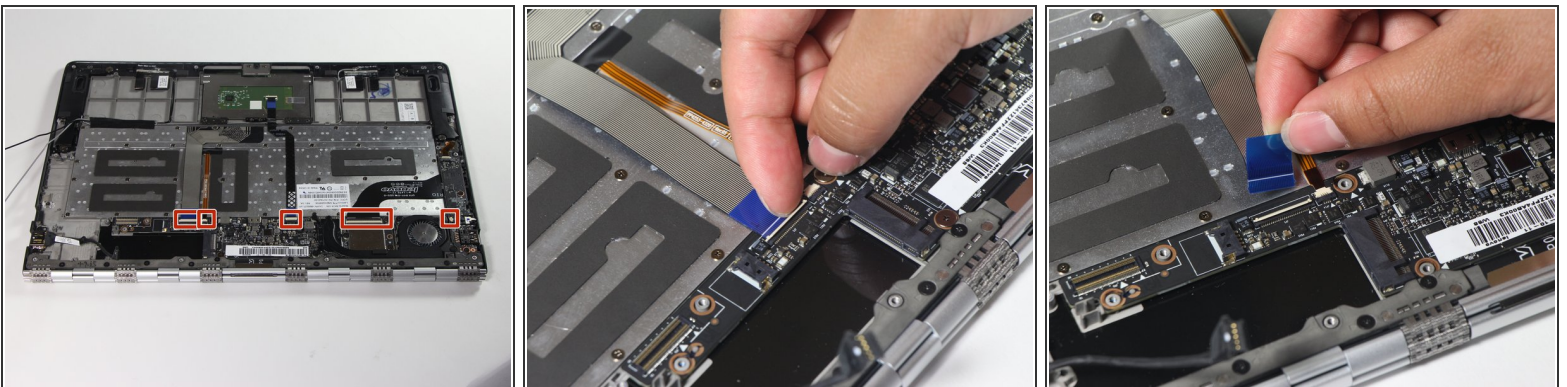
- Lift the daughter board, unrouting the wireless cables from their plastic holders, and place it to the side.

Step 15




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

Step 16

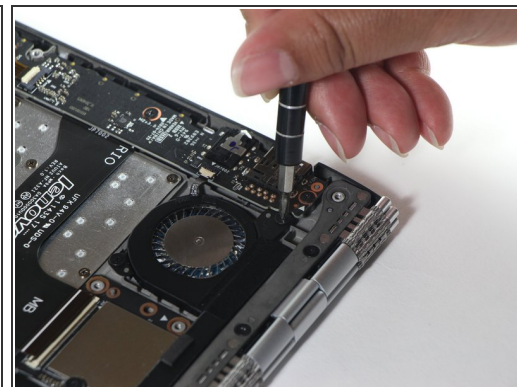
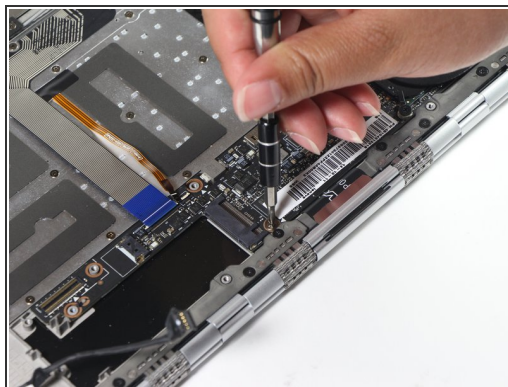
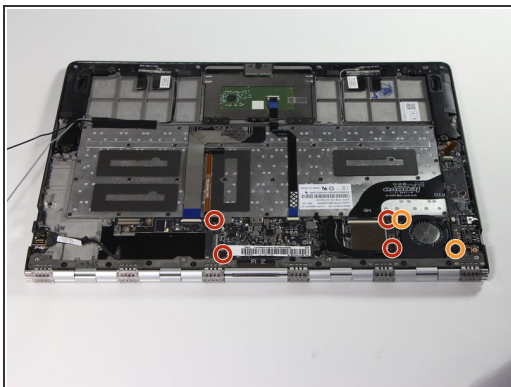


- Detach the five flat flex cables attached to the motherboard as follows:

- 1. Flip the cable holder up with a finger nail
- 2. Pull on the tab to remove the cable.

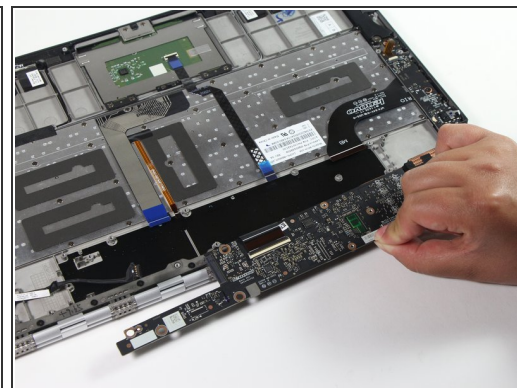
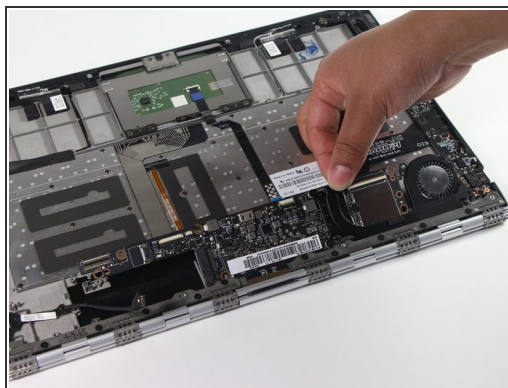
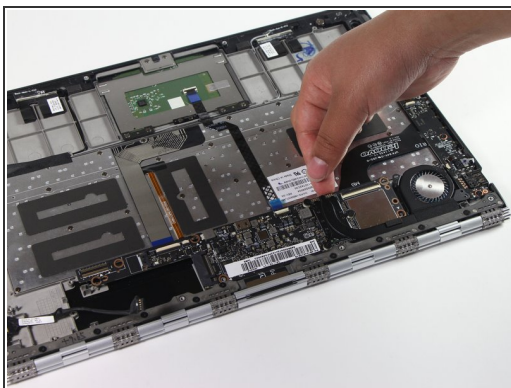
 The large black flat flex labeled 'MB' does not have a tab so gently tug the cable free from the end after flipping the cable holder.

Step 17



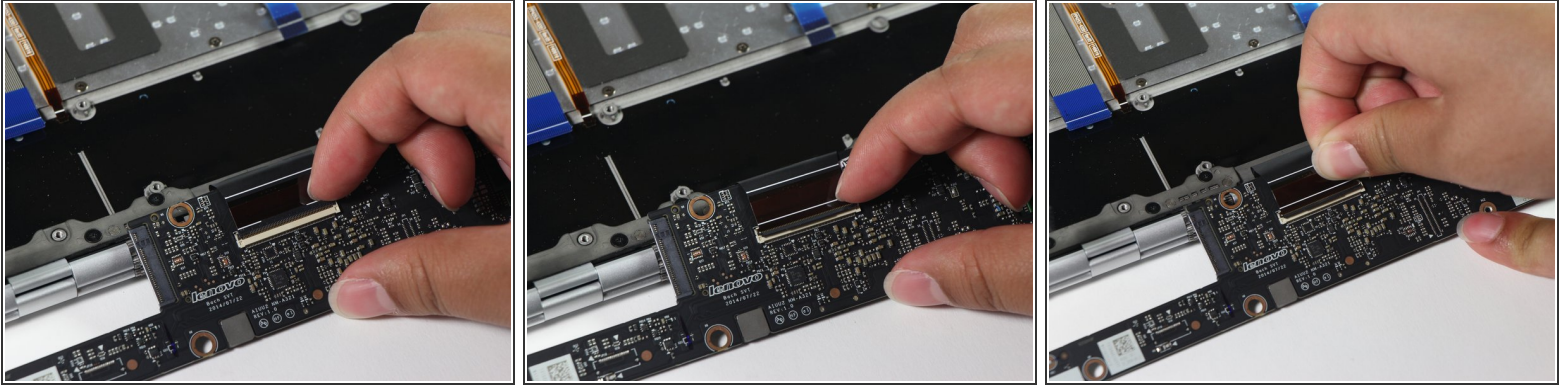
- Remove the four #0 2.3mm Phillips screws holding down the motherboard.
- Remove the two #0 2.9mm Phillips screws holding down the fan.

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.