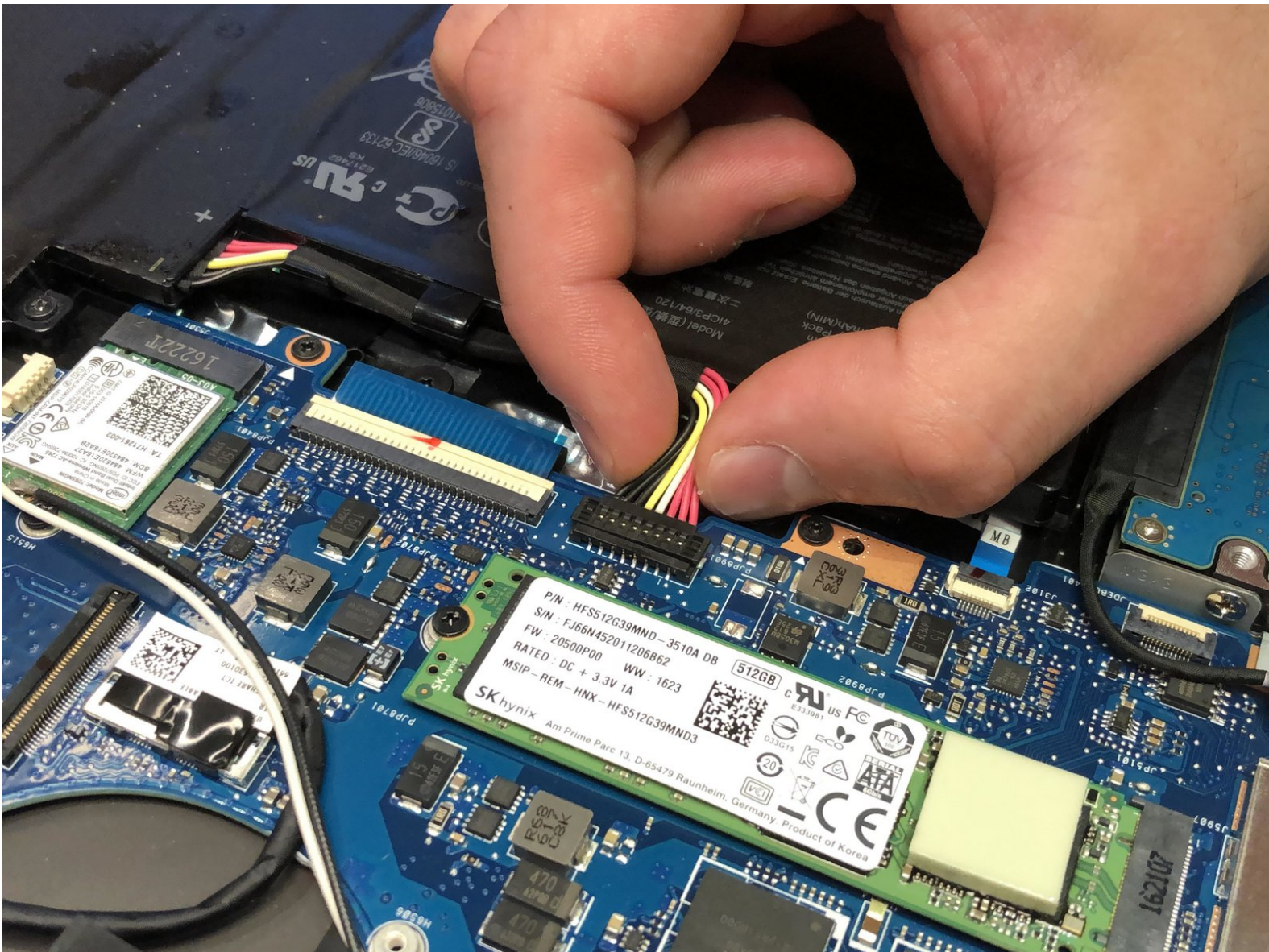# Asus Q534U Motherboard Replacement

This guide will show the step needed to successfully remove the motherboard on a ASUS Q534U laptop.

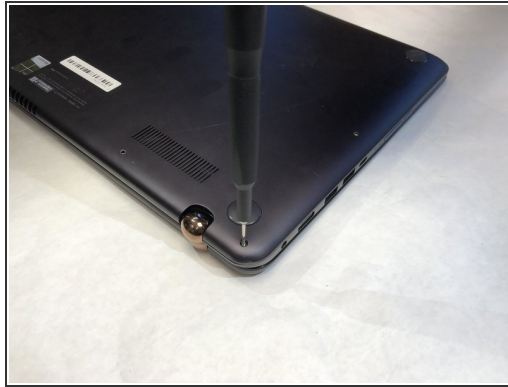Written By: Jacob Pauker

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INTRODUCTION

This guide will show the step needed to successfully remove the motherboard on a ASUS Q534U laptop.
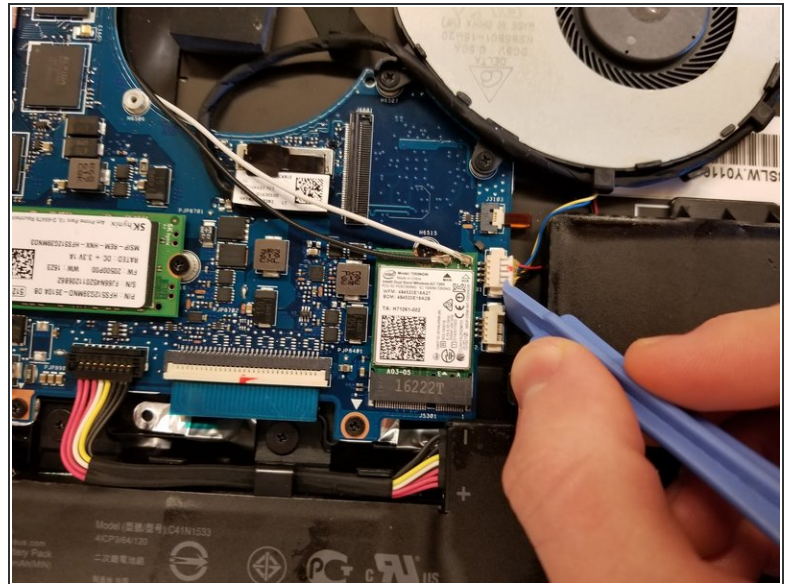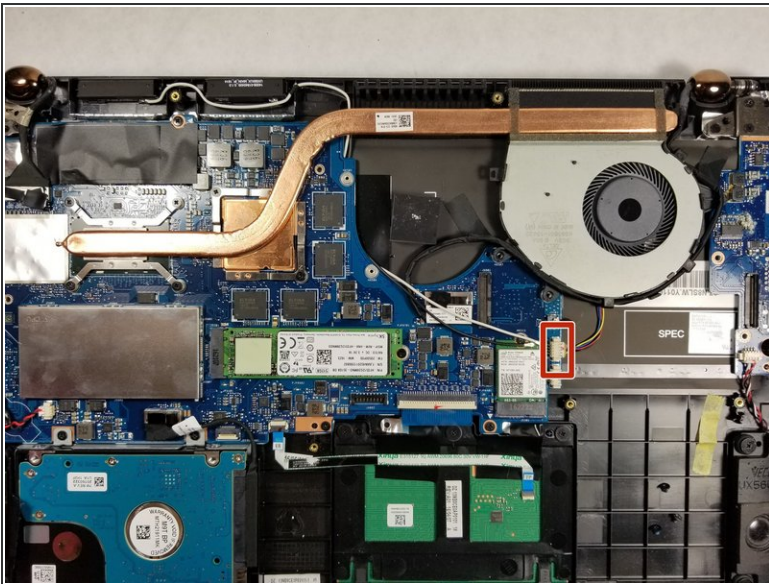
🔧 TOOLS:

- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)
- T5 Torx Screwdriver (1)

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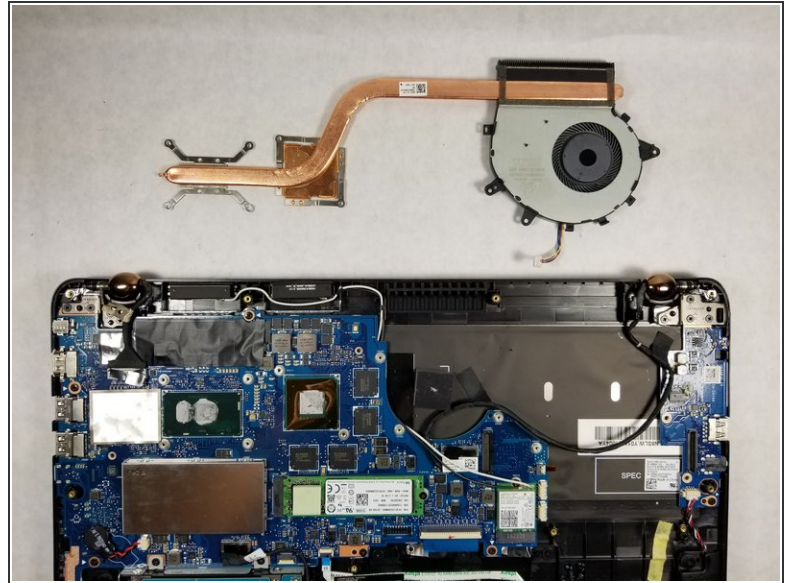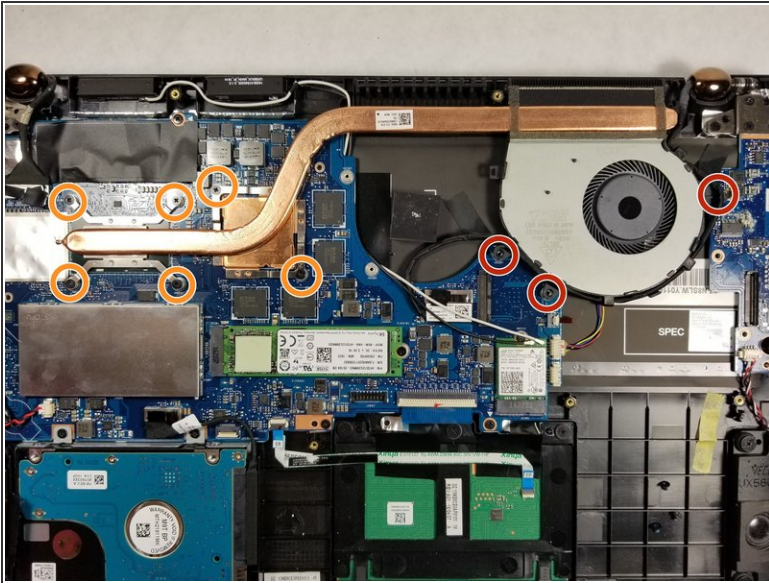
Step 1 — Back Case

- Remove ten screws with the T5 driver.

- Use the opening tool to carefully pry off the back case.
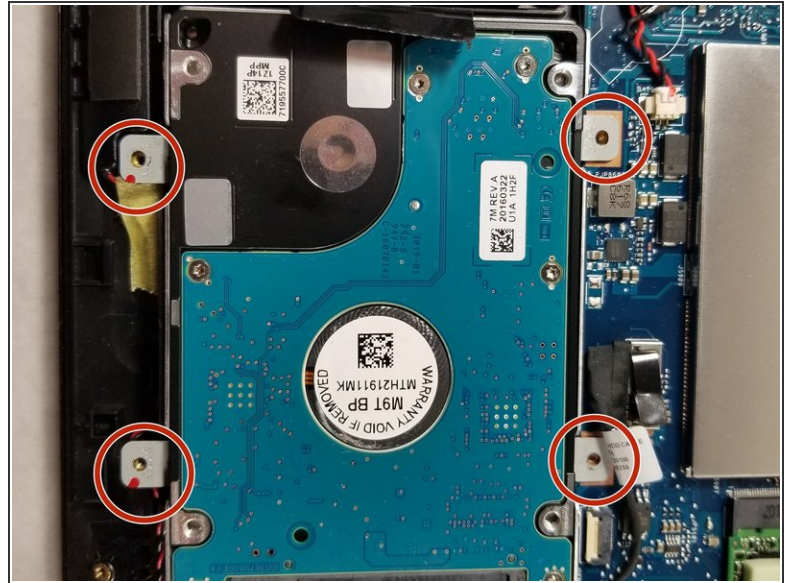
Step 2 — CPU Fan/Heat Sink

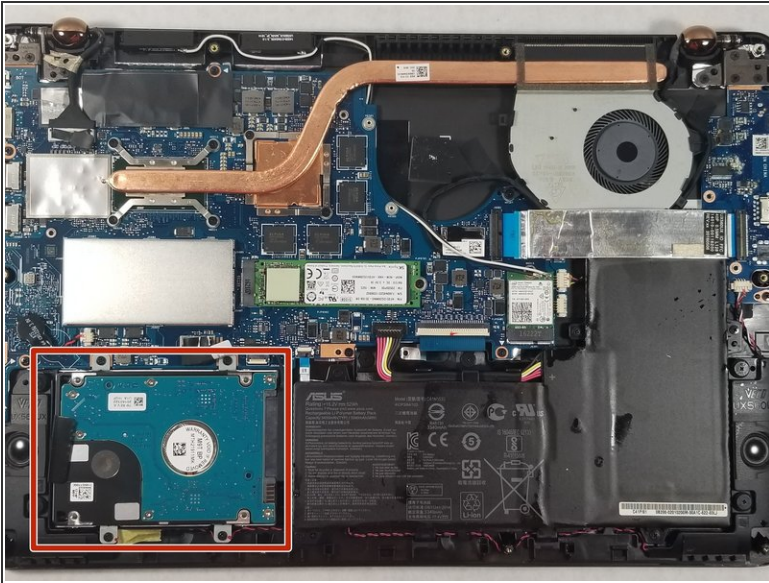- Using the iFixit opening tool, gently pry the CPU fan connector out of the socket.

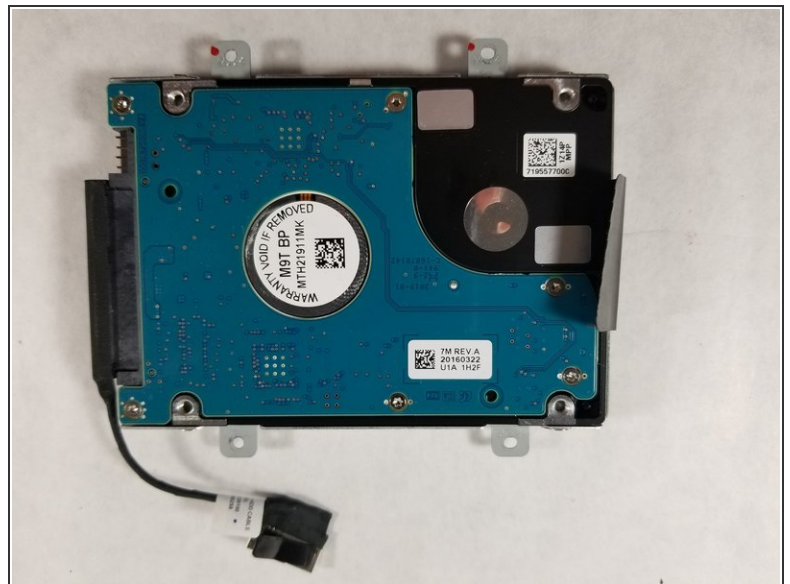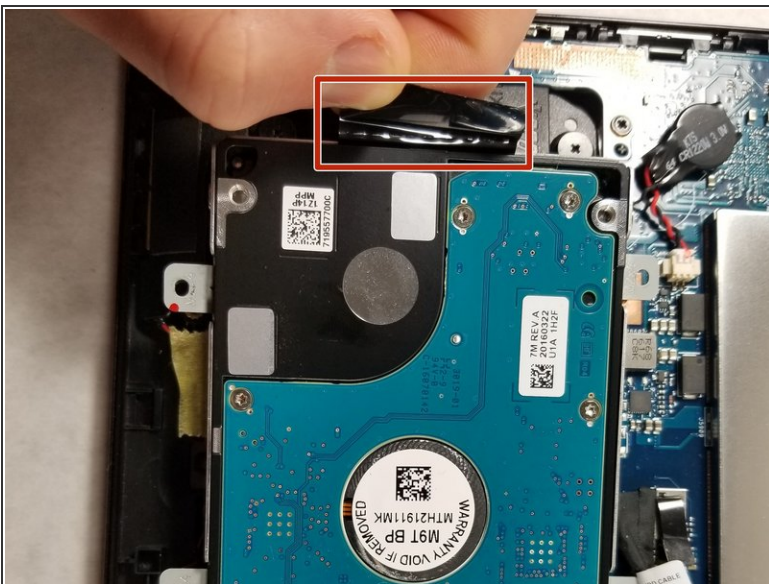This document was generated on 2020-04-05 07:55:40 AM (MST).

Step 3

- Move the black cable located around the CPU fan out of the holder.

- Remove the following 9 screws:
  - Three Phillips screws
  - Six Phillips screws

(i) Make sure not to mix up both types of screws.

- Gently pull vertically on the CPU fan/ heat sink assembly until it is free.

⚠ Before placing a new CPU fan/heat sink assembly, the CPU and GPU surfaces must be cleaned off and thermal compound must be reapplied.
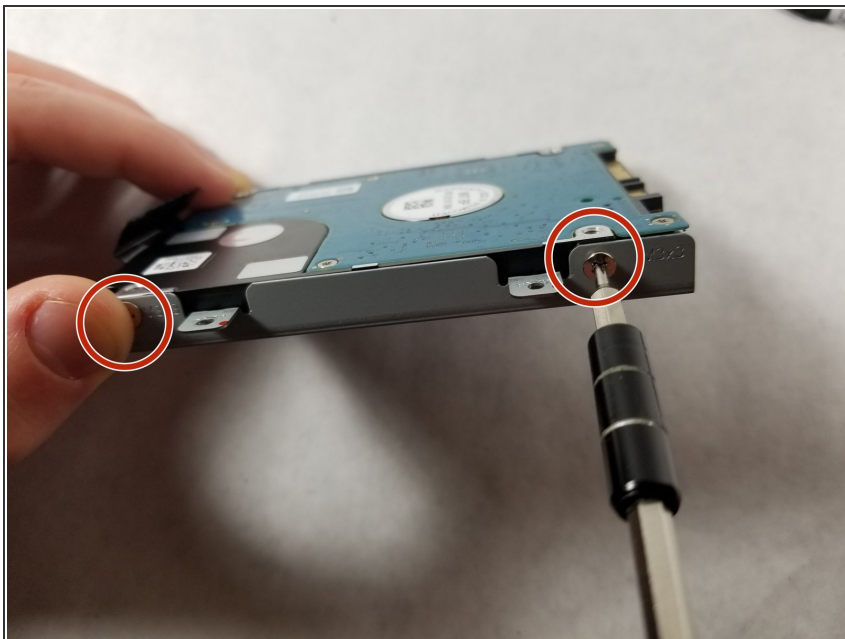
Step 4 — Hard Drive

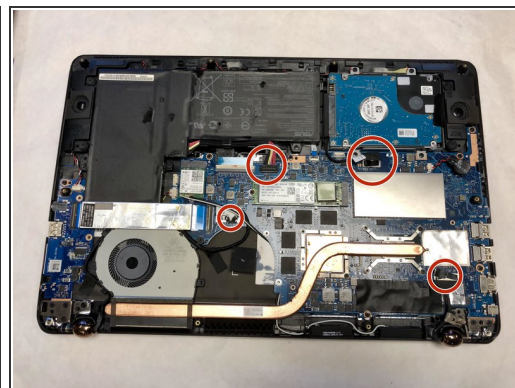● Remove four screws with the Phillips #00 screwdriver.
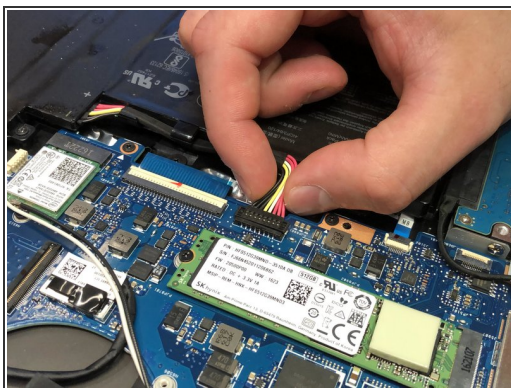
Step 5

● Gently lift the hard disk out using the black tab.

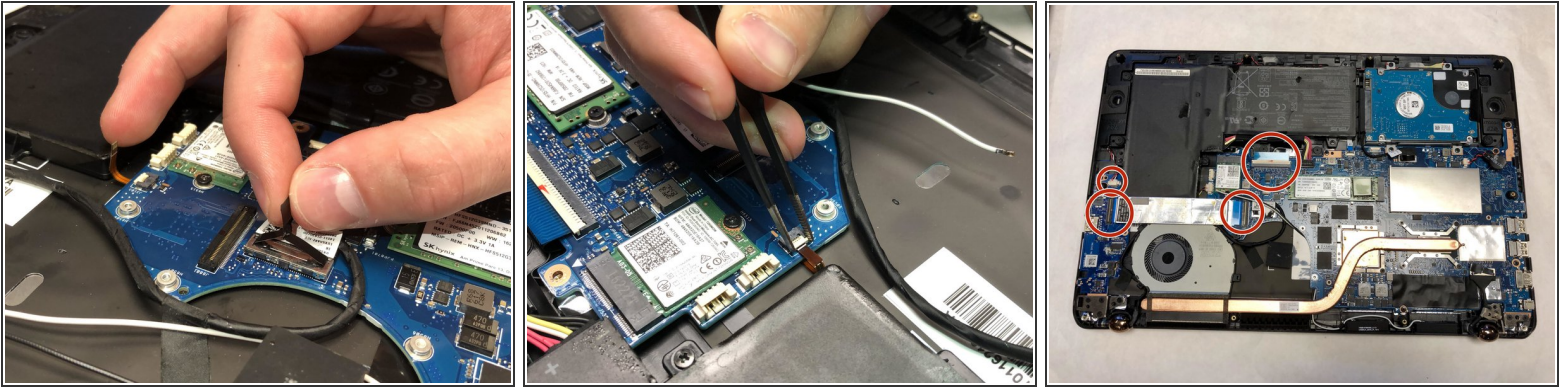This document was generated on 2020-04-05 07:55:40 AM (MST).

Step 6

- Using a Phillips #00 screwdriver remove the four screws of the metal casing

- Remove the hard disk from the metal casing

Step 7 — Motherboard

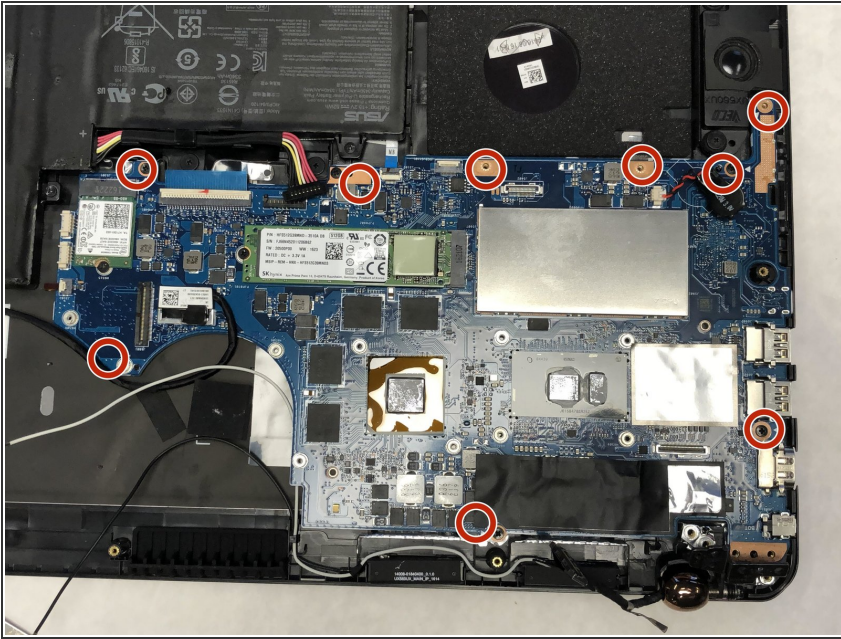- Disconnect the four marked cables connectors at the sockets.

Step 8

- Lift the connecting ports up prior to removing the connectors.

Step 9

- Remove the screws holding the hinges down on both sides of the device.

- A pry tool might be needed to lift the hinge.

Step 10

● Remove nine, 3.2 mm screws to fully release motherboard.

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

www.iFixit.com