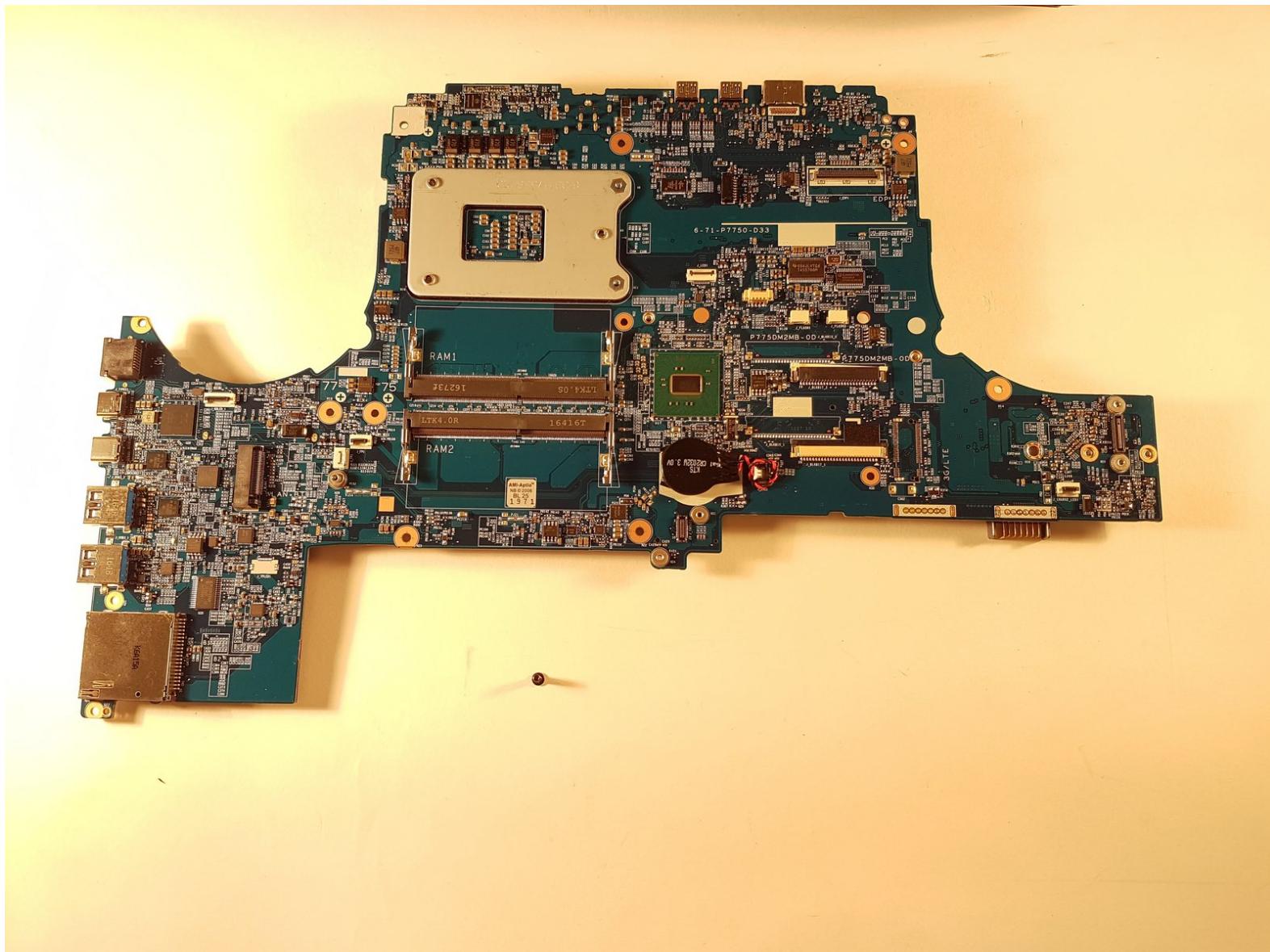




P775DM3 Replacement motherboard

Written By: Felice Suglia



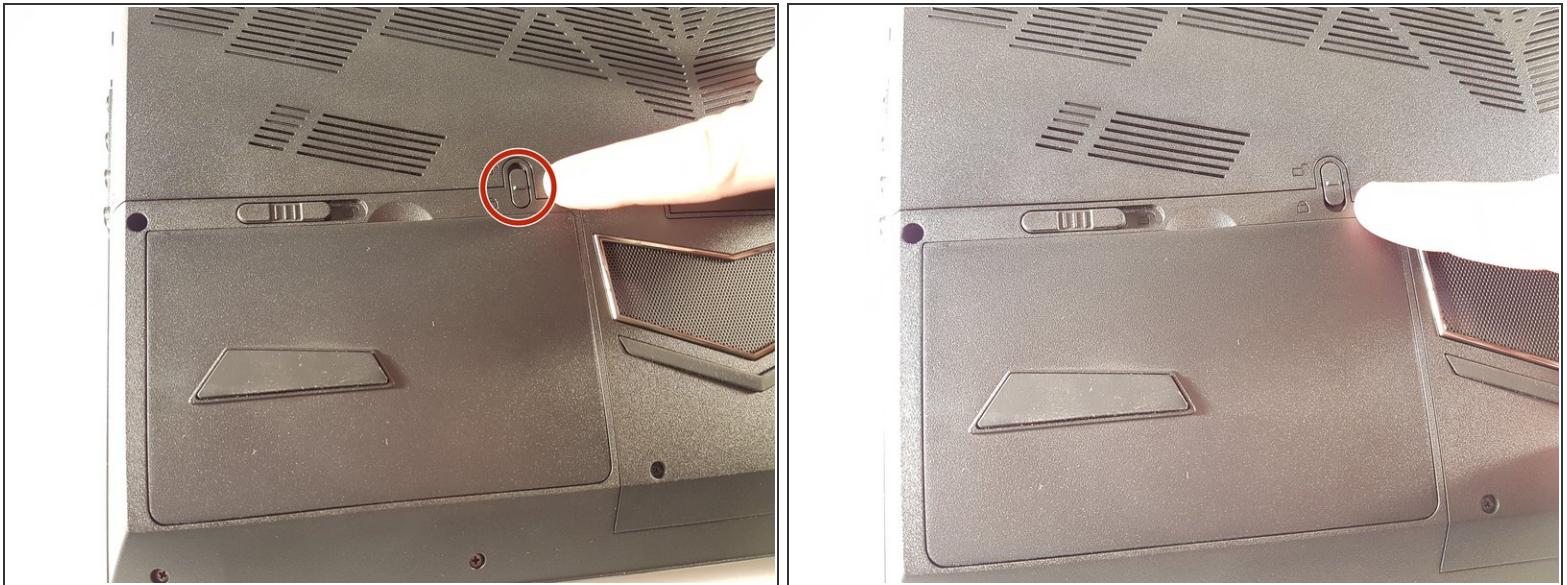
 **TOOLS:**

- [Phillips #0 Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)

 **PARTS:**

- [New Item \(1\)](#)
- [New Item \(1\)](#)

Step 1 — Battery



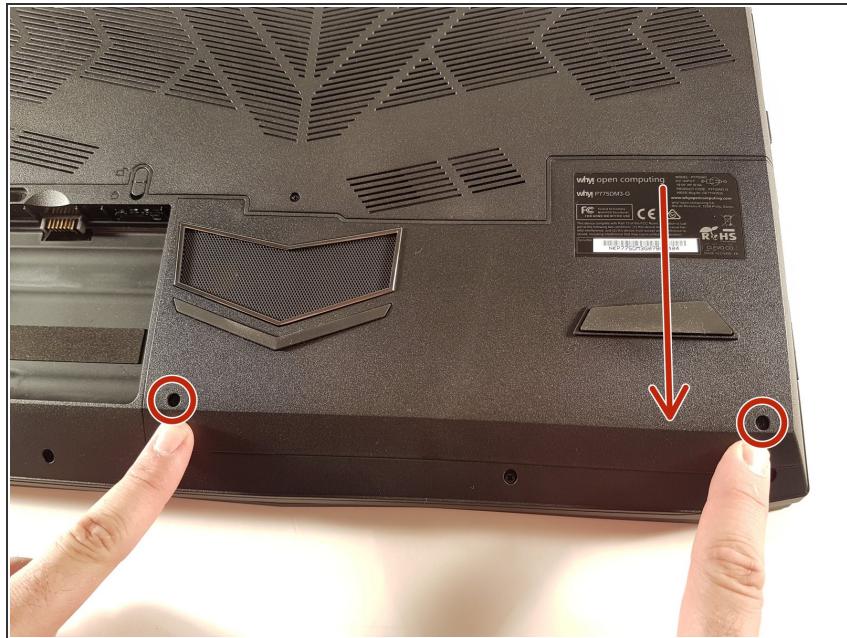
- Unlock the lock marked in red.

Step 2



- Lift up the battery while unlocking the lock marked in red.

Step 3 — Disk access



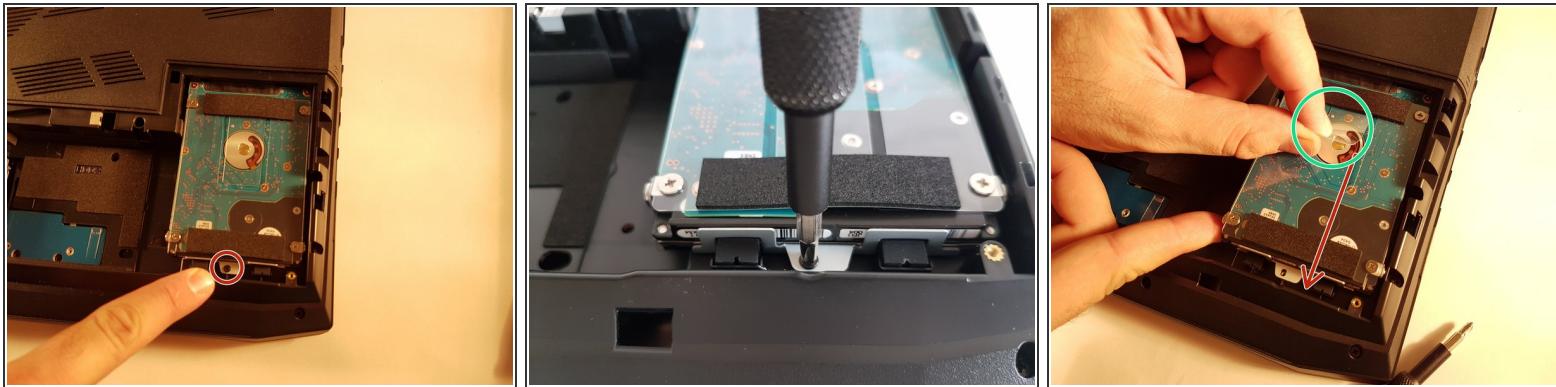
- Unscrew the two screws circled in red
- Slide the plate in the direction of the arrow

Step 4



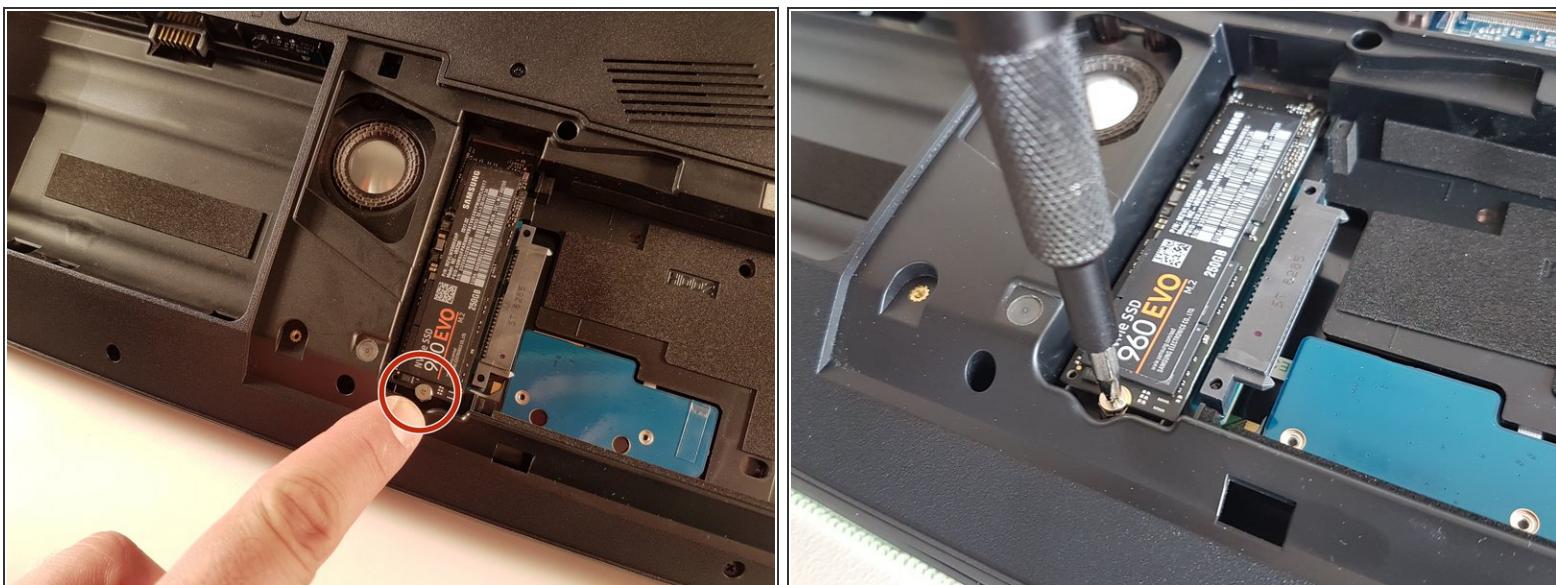
- Lift the plate

Step 5 — Hard Disk (Mass Storage)



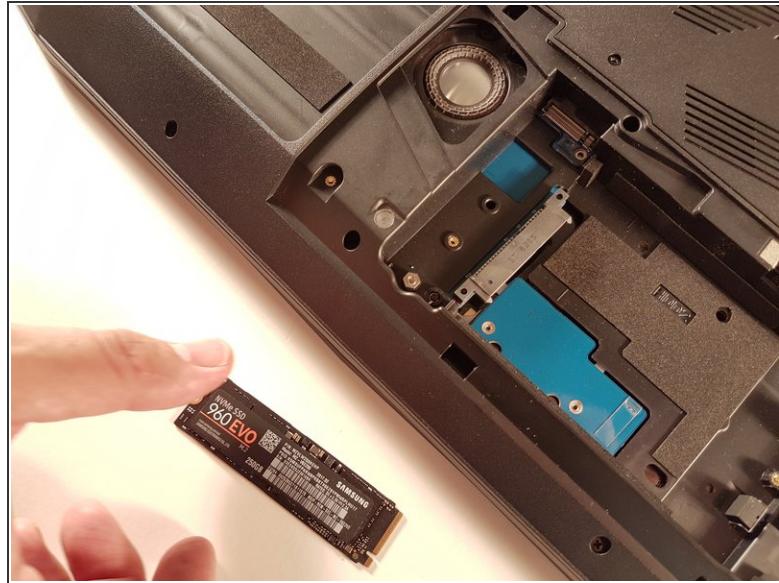
- Unscrew the screw circled in red
- Lift the disc with the green tab
- Remove the disc in the direction of the arrow

Step 6 — Replacing SSD M.2 Disk



- Unscrew the screw circled in red

Step 7



- Pull the SSD in the direction of the red arrow

Step 8 — Access to major components



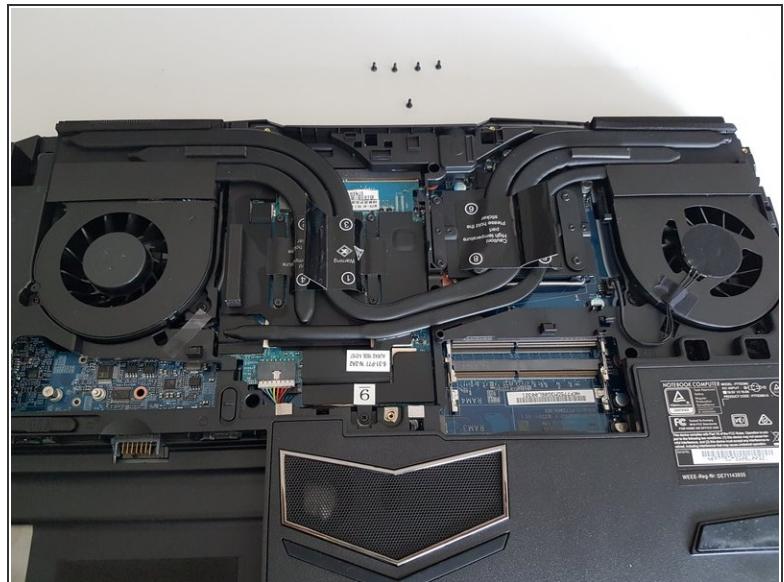
- Unscrew the five screws circled in red

Step 9



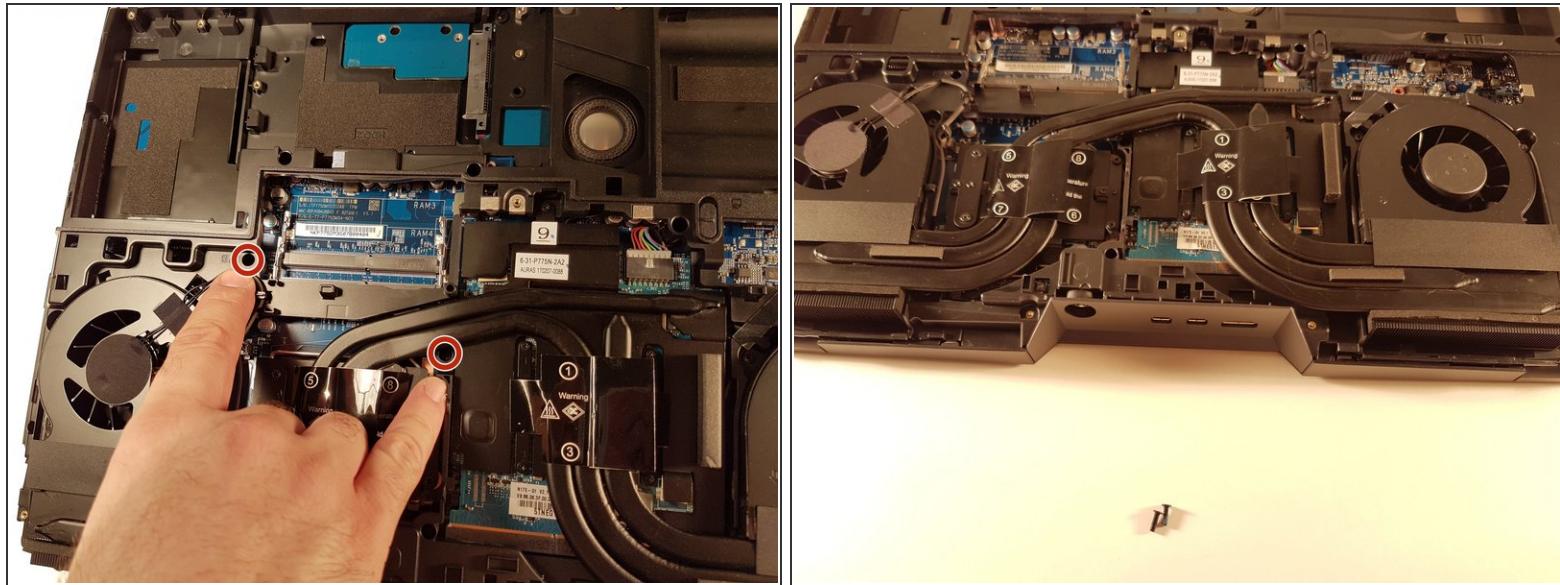
- Slide the plate in the direction of the red arrow

Step 10



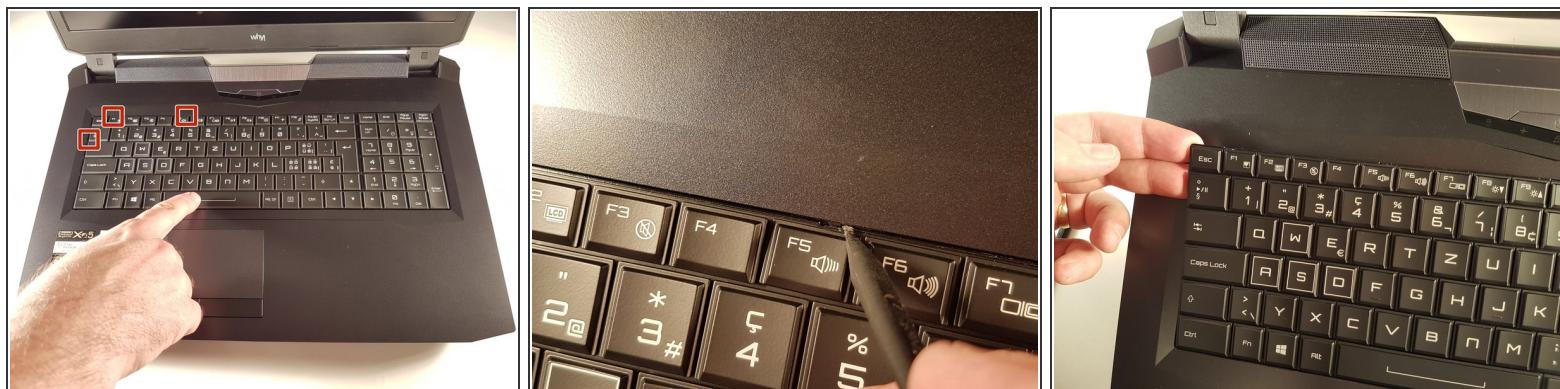
- Lift the plate

Step 11 — The keyboard



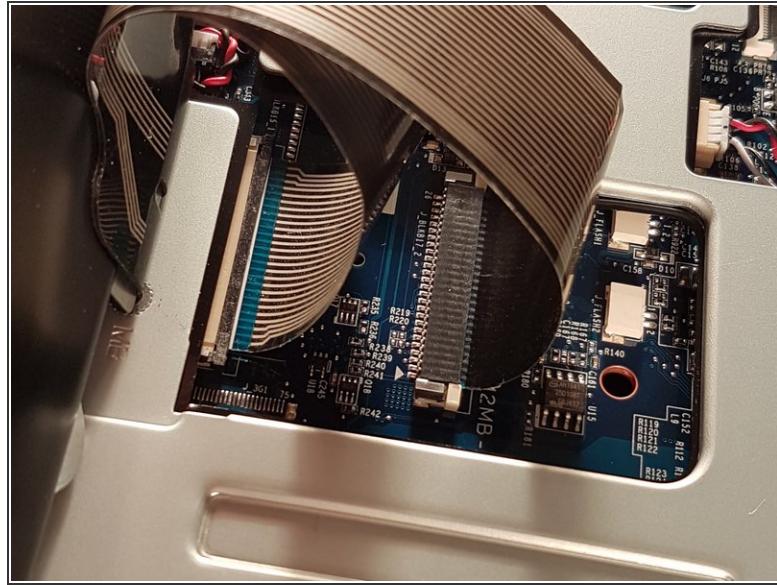
- Unscrew the two screws circled in red

Step 12



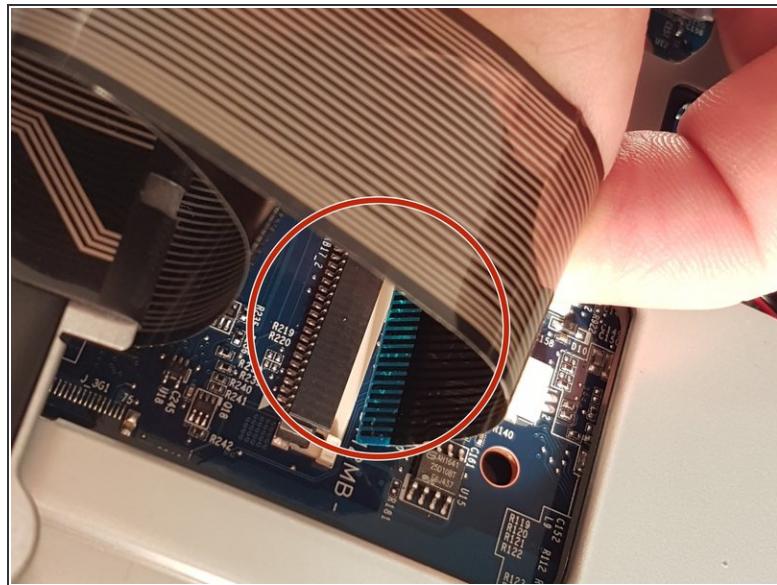
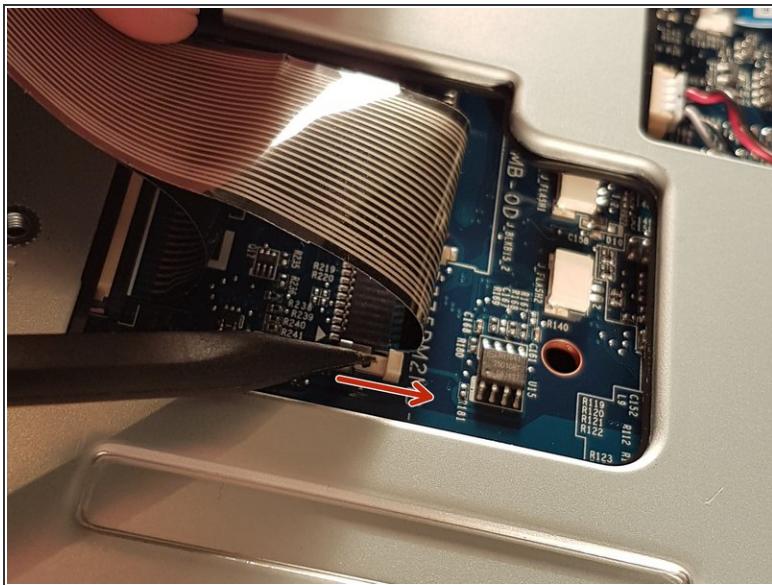
- Press a paper clip in the three places marked in red
- Lift the keyboard and feel free to put some strength

Step 13



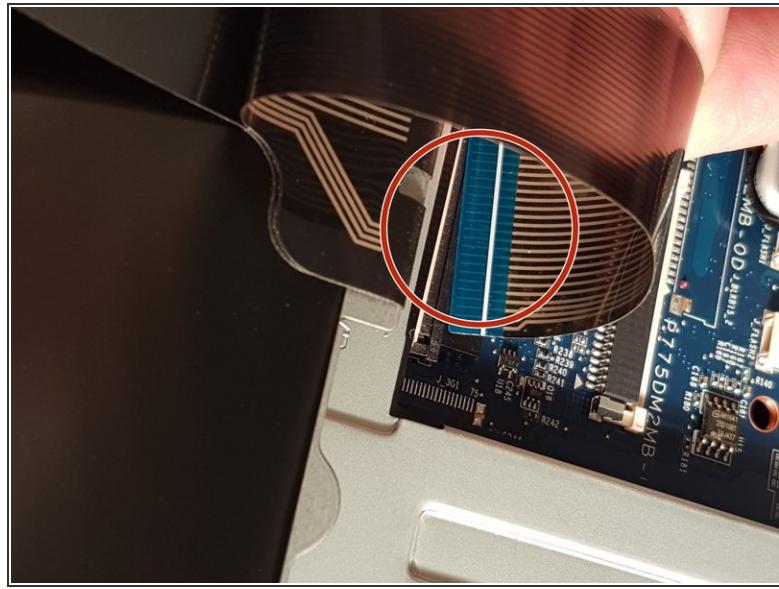
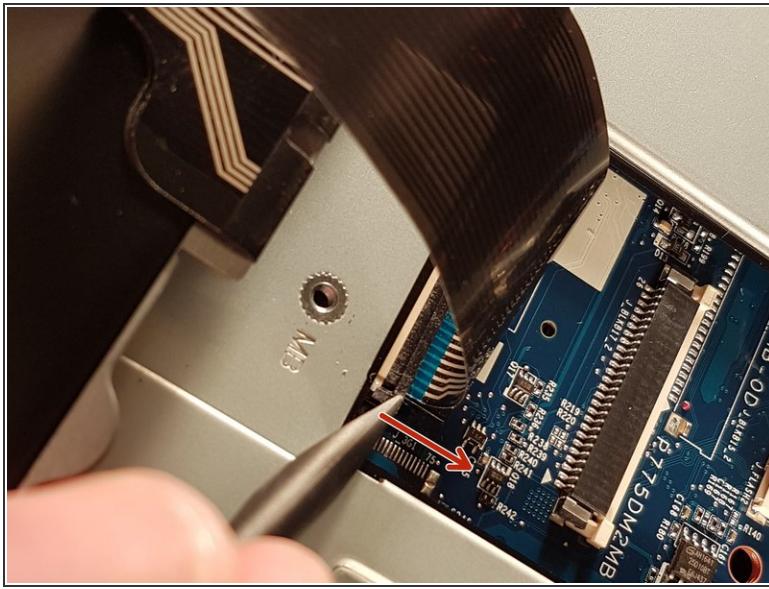
- Disconnect the three framed connectors in red

Step 14



- Pull the white drawer in the direction of the arrow to unlock the connector
- Disconnect the red circled connector

Step 15



- Pull the black drawer in the direction of the arrow to unlock the connector
- Disconnect the red circled connector

Step 16



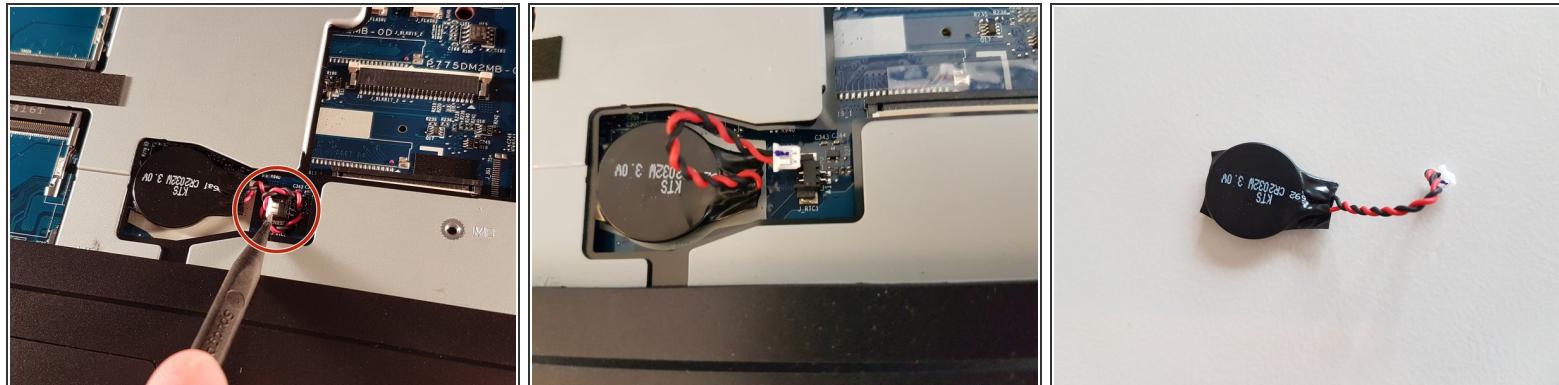
- Lift the flap that holds the connector circled in red
- Disconnect the red circled connector
- Remove the keyboard

Step 17 — RAM memory



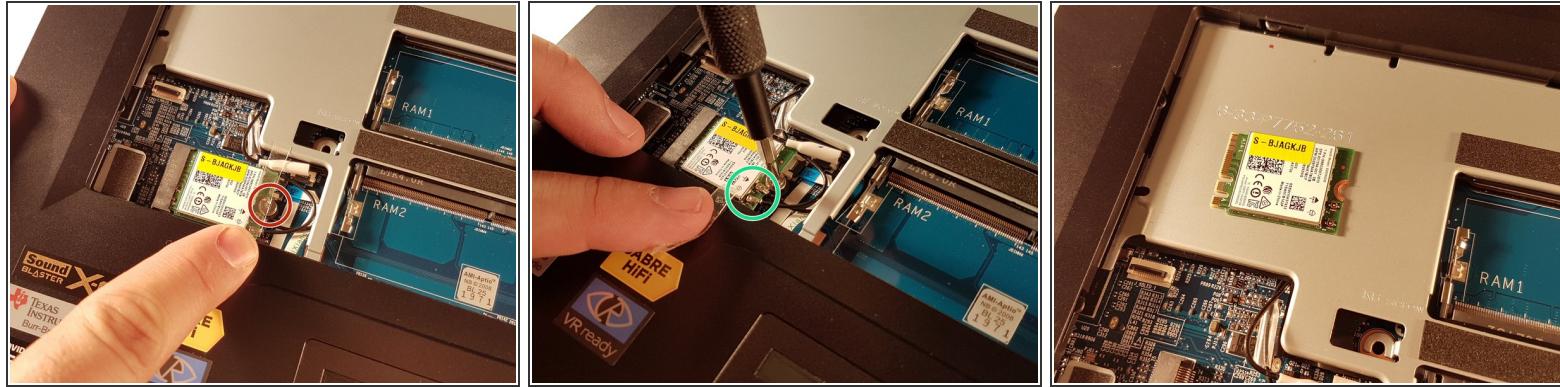
- Spread the two framed arms in red
- Remove the RAM card

Step 18 — BIOS Battery



- Disconnect the connector circled in red.
- Remove the battery.

Step 19 — WLAN card



- Unscrew the screw circled in red
- Disconnect the two connectors circled in green
- Remove the WLAN card

Step 20 — The cooler



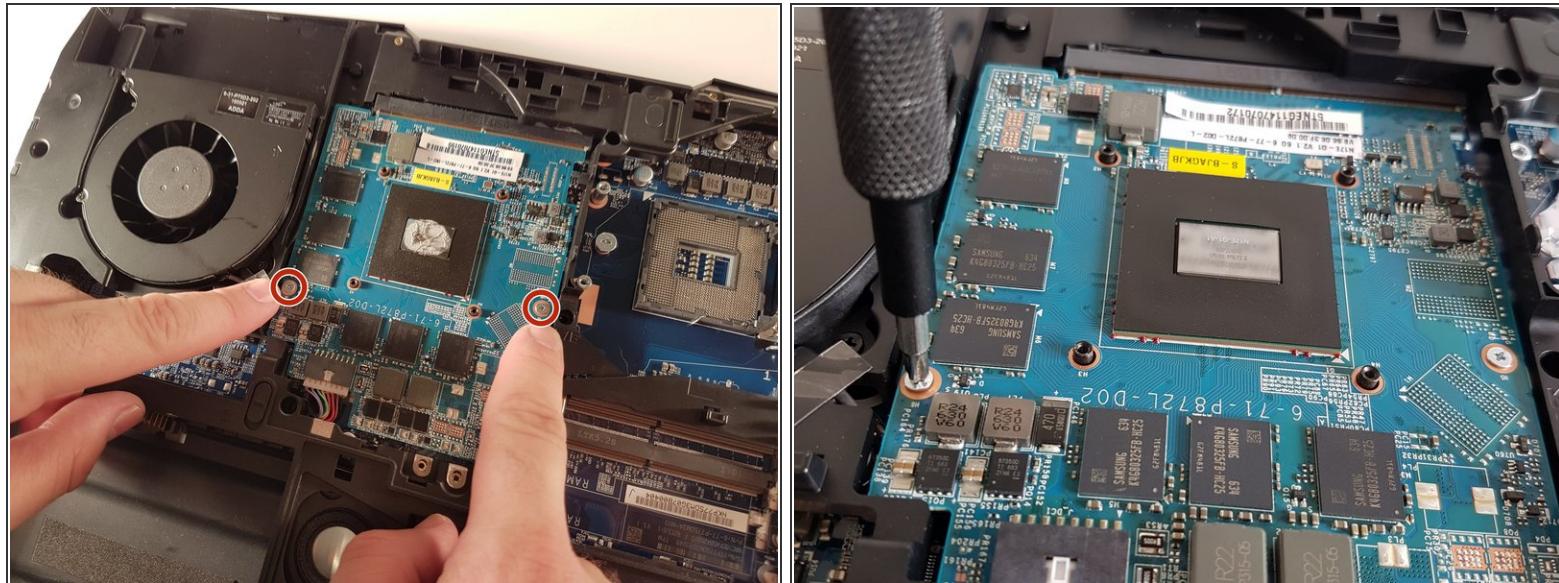
- Unscrew the four large screws circled in green
- Unscrew the five small screws circled in red
- Lift the cooler with the two tabs circled in blue

Step 21 — processor



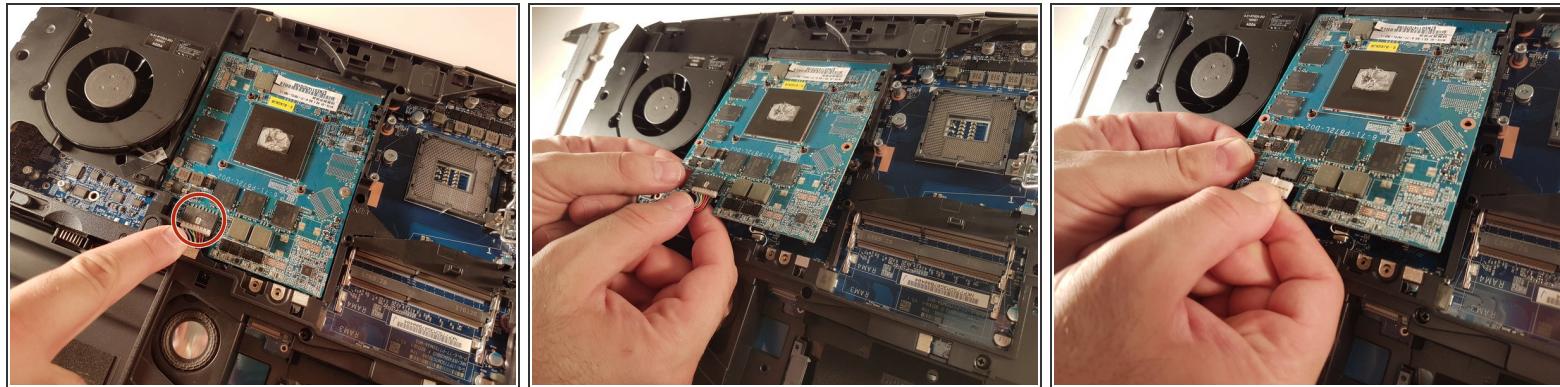
- Pull the lever circled in red in the direction of the red arrow while pressing on it
- Attention: Do not touch the bottom of the processor and take the side

Step 22 — Graphic card



- Unscrew the two screws circled in red

Step 23



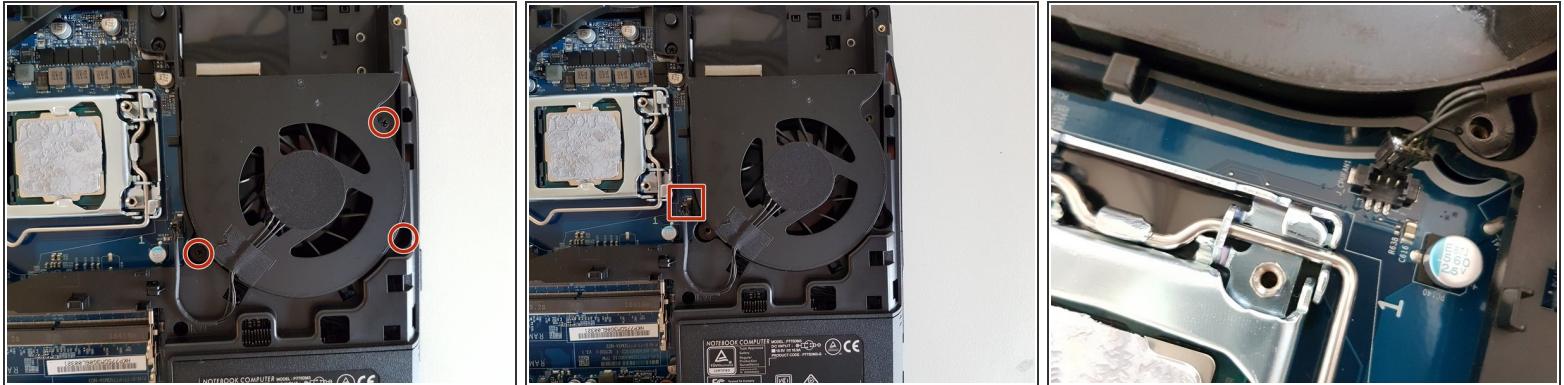
- Lift the card to allow access to the red circled connector
- Disconnect the red circled connector

Step 24



- Pull it in the direction of the red arrow

Step 25 — Fans



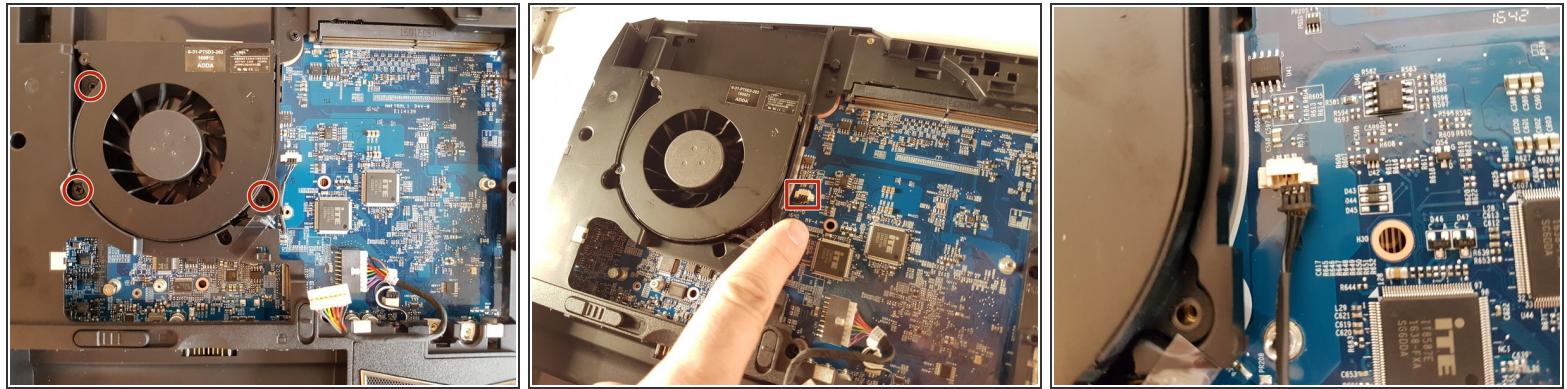
- Unscrew the three screws circled in red
- Disconnect the framed connector in red

Step 26



- Remove the fan

Step 27



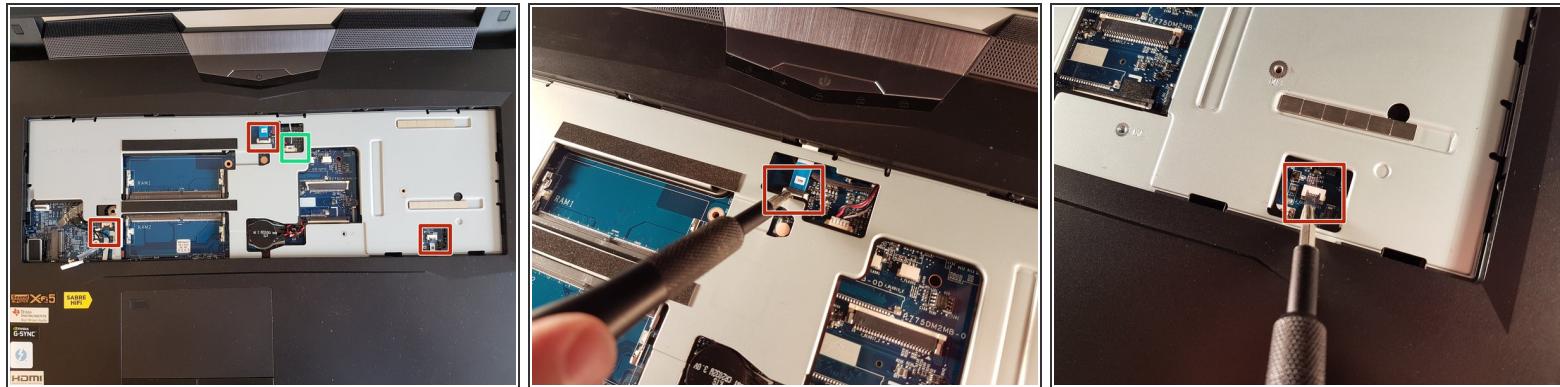
- Unscrew the three screws circled in red
- Disconnect the framed connector in red

Step 28



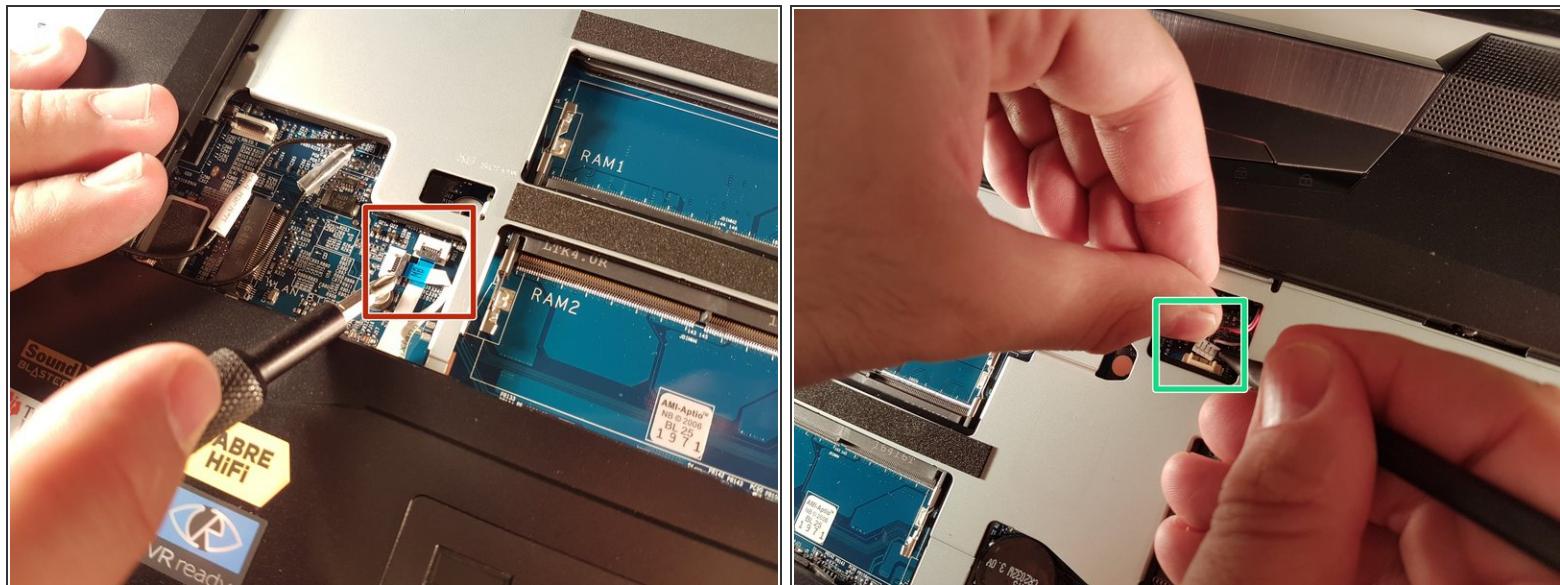
- Lift the fan

Step 29 — The motherboard



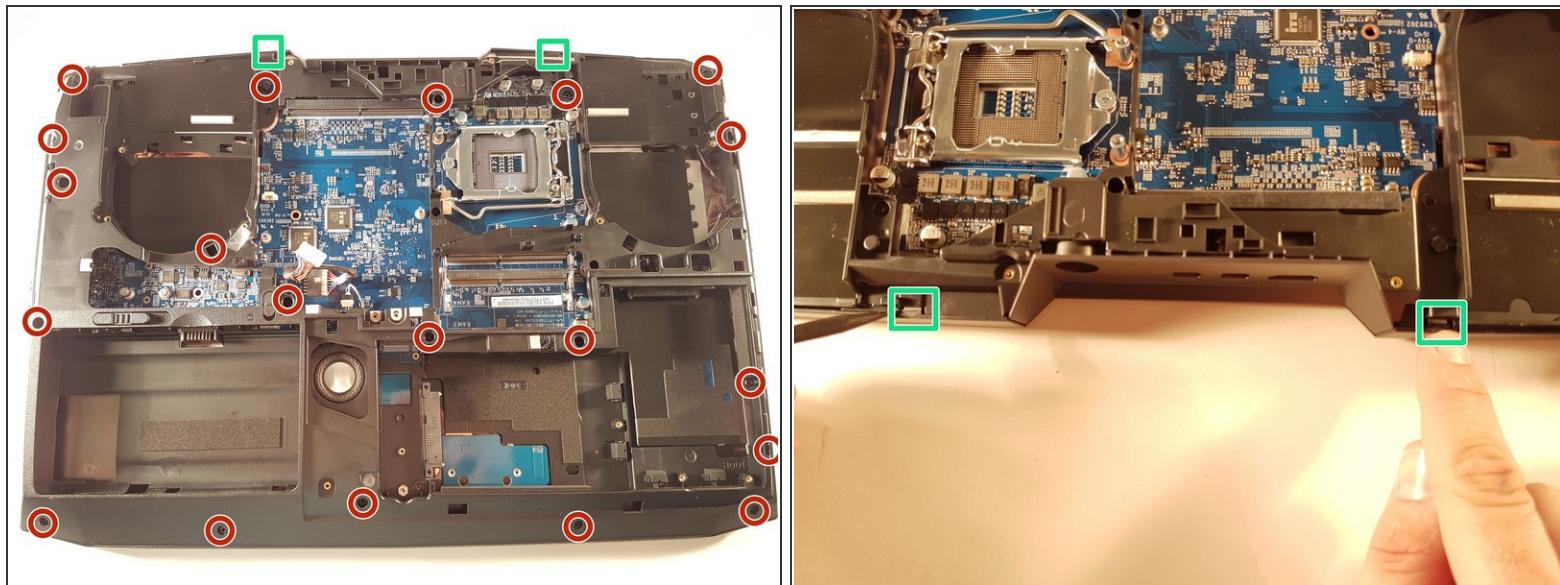
- Lift the flap that holds the two connectors framed in red
- Disconnect the two framed connectors in red

Step 30



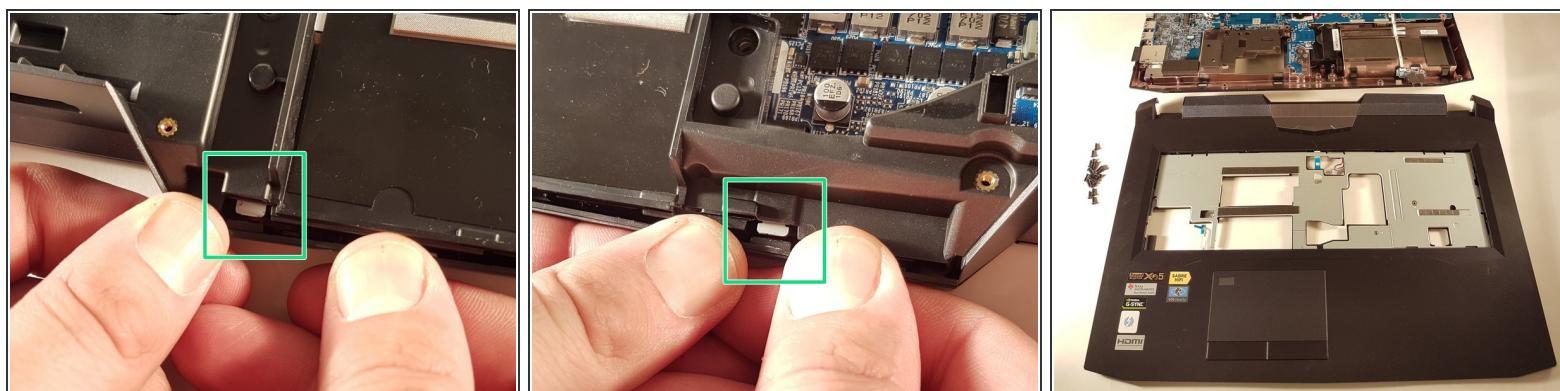
- Lift the flap that holds the two connectors framed in red
- Disconnect the two framed connectors in red
- Disconnect the box connector in green

Step 31



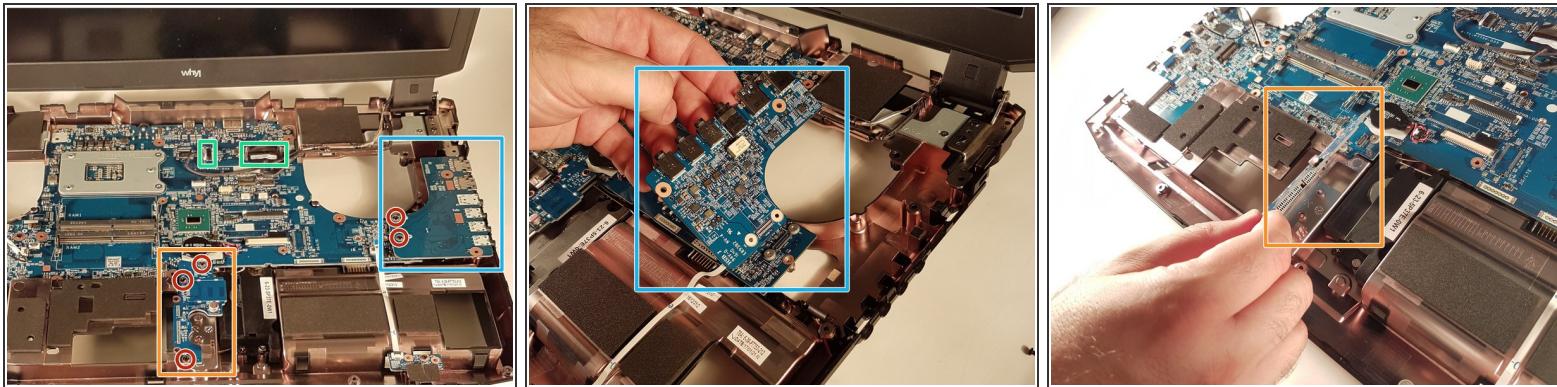
- Unscrew the twenty screws circled in red
- Unclip the edge of the case at the two places framed in green

Step 32



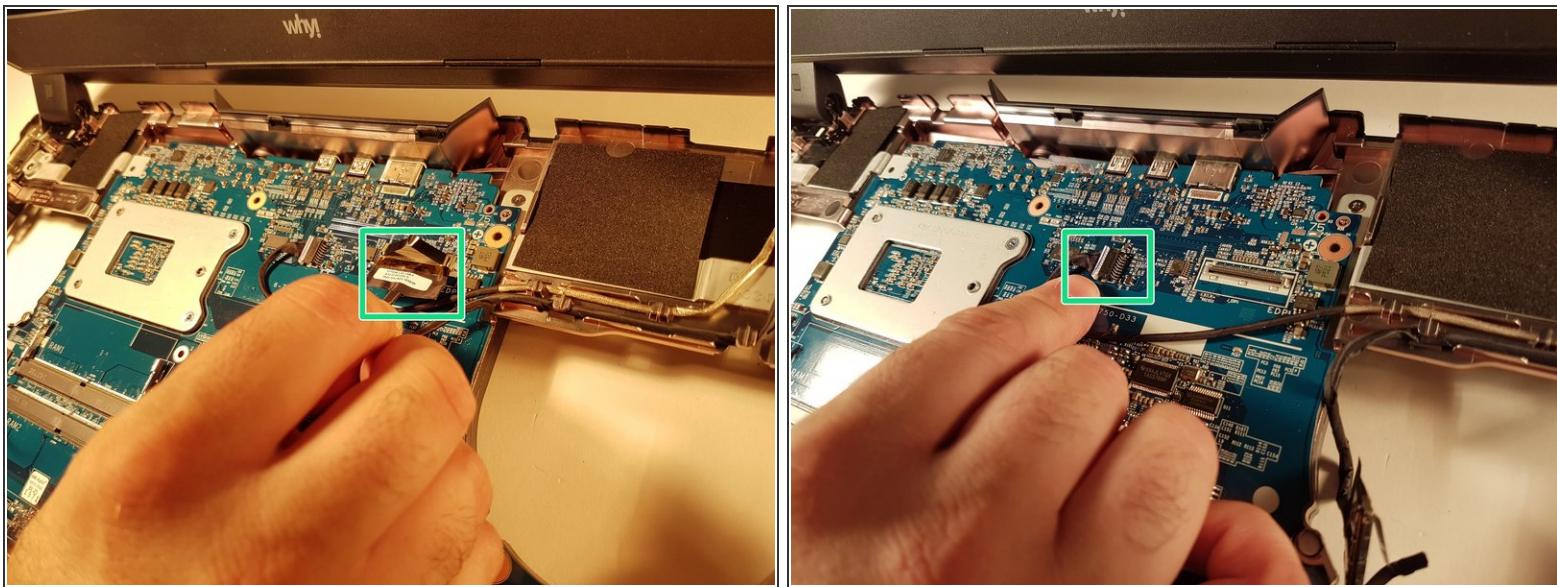
- Unclip the edge of the case at the two places framed in green
- Remove the top of the case

Step 33



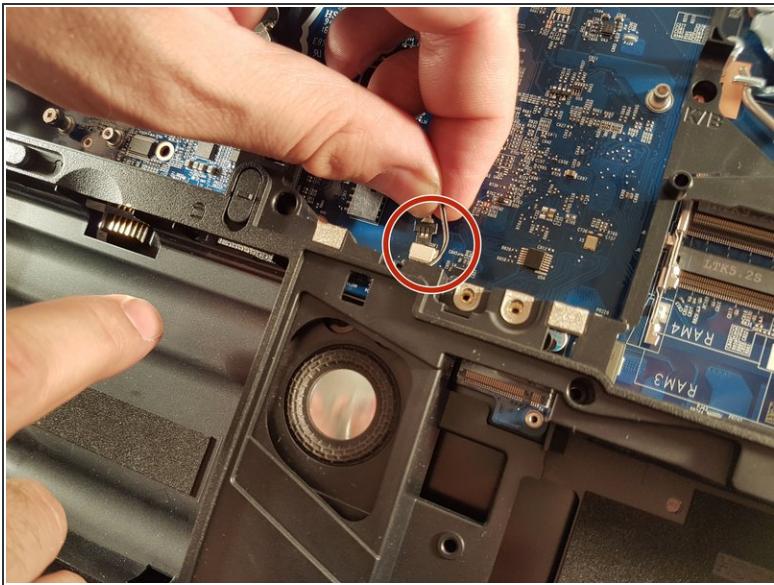
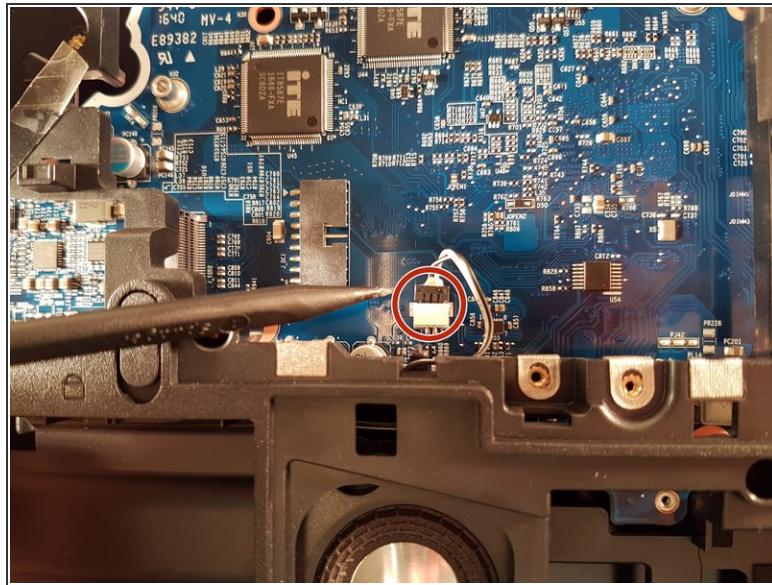
- Unscrew the five screws circled in red
- Remove the framed card in blue
- Remove the framed card in orange

Step 34



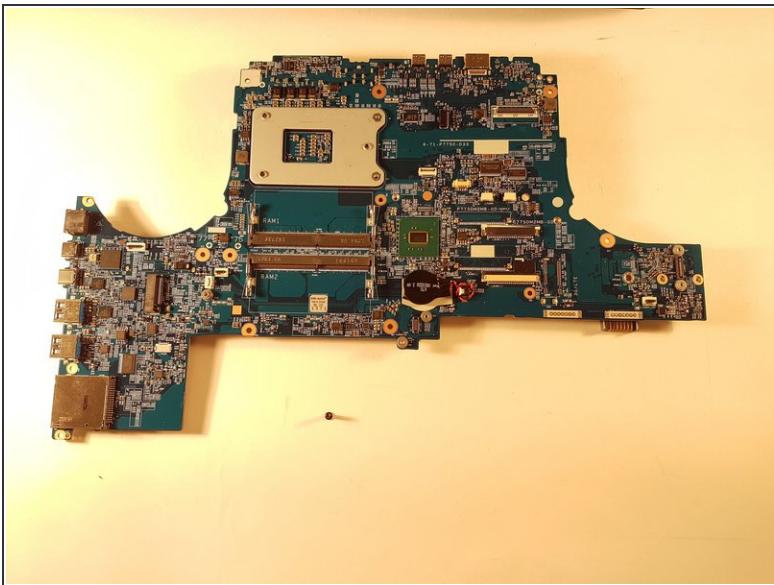
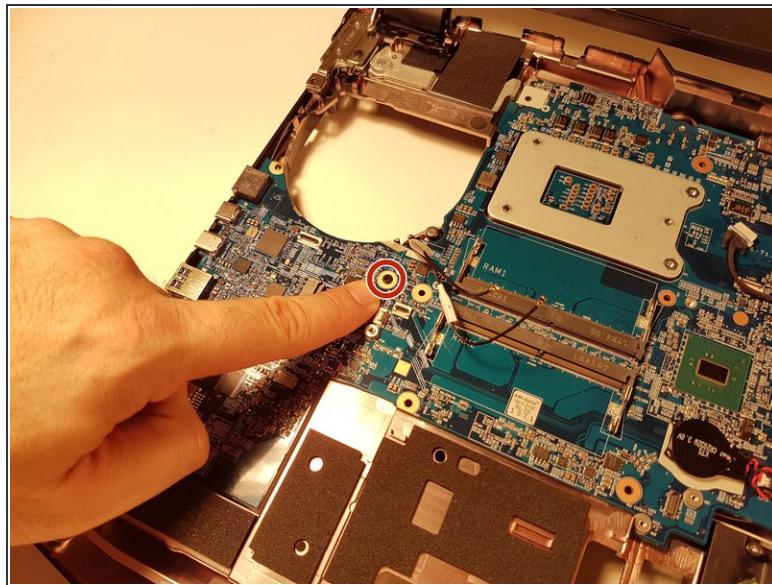
- Disconnect the two framed connectors in green

Step 35



- Disconnect the red circled connector

Step 36



- Unscrew the screw circled in red
- Remove the motherboard

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