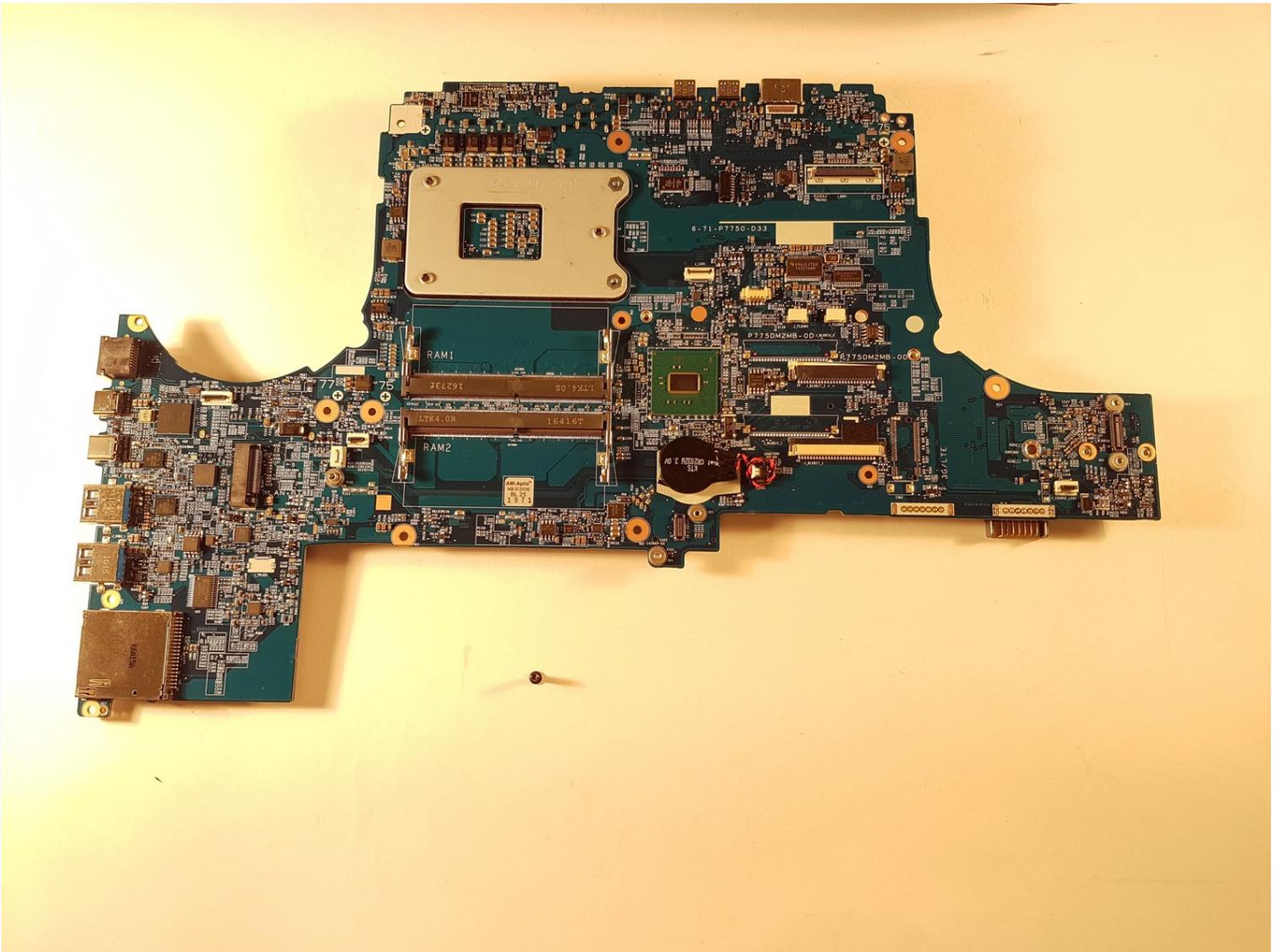


P775DM3 Motherboard replacement

Written By: Felice Suglia



 **TOOLS:**

Tournevis cruciforme #0 (1)

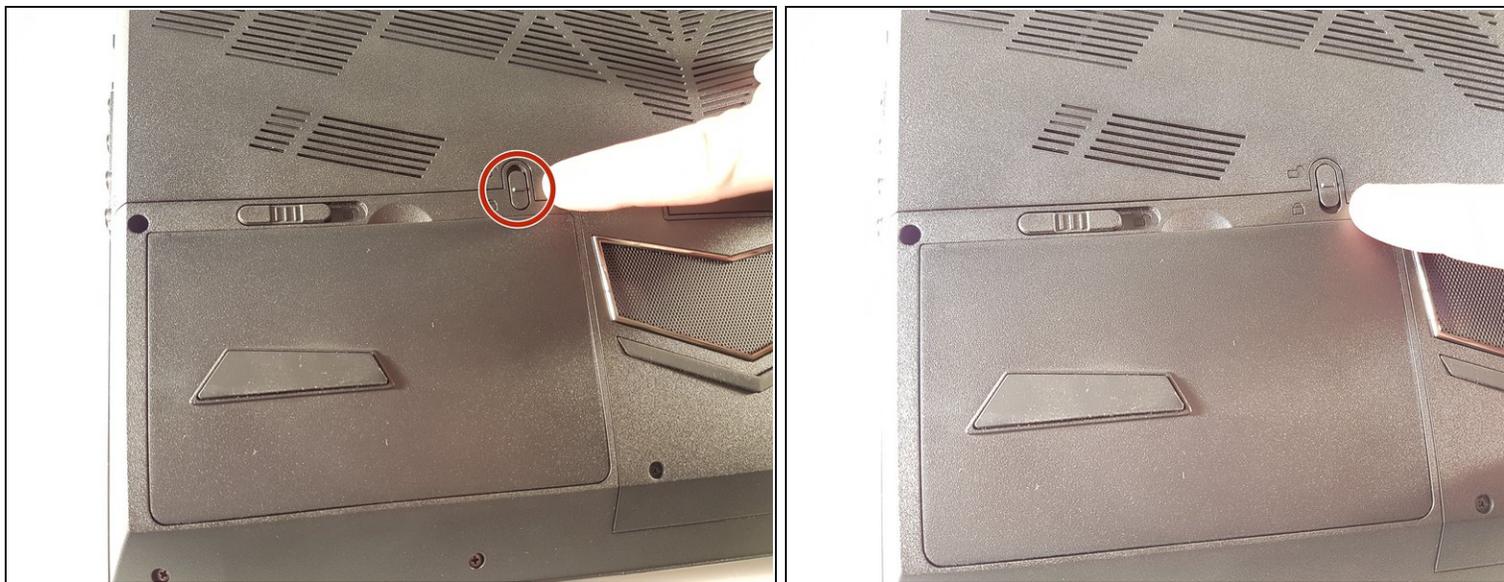
Pincettes de précision (1)

 **PARTS:**

Pièces pour why! P775DM3 CH (1)

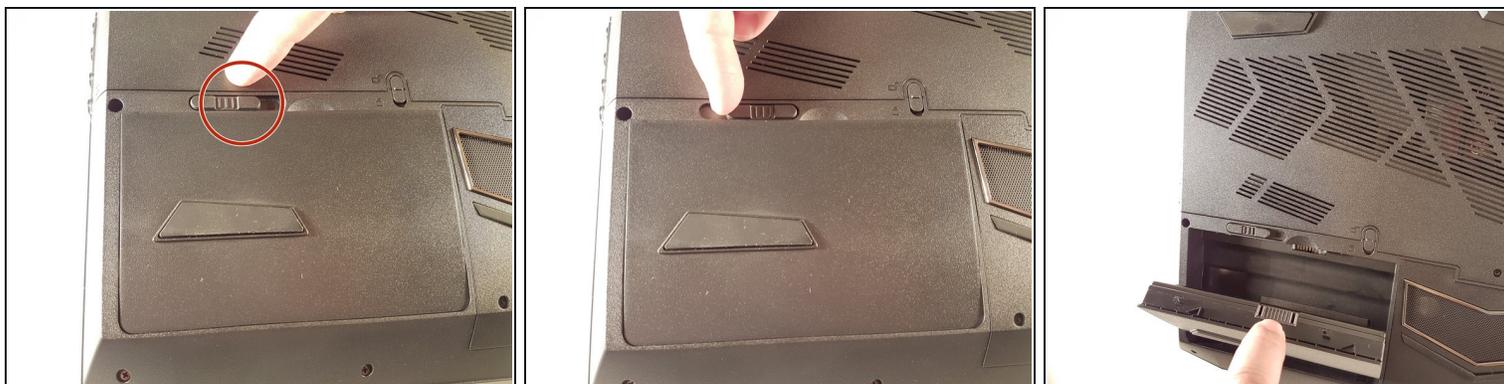
Pièces pour why! P775DM3 EU (1)

Step 1 — Battery



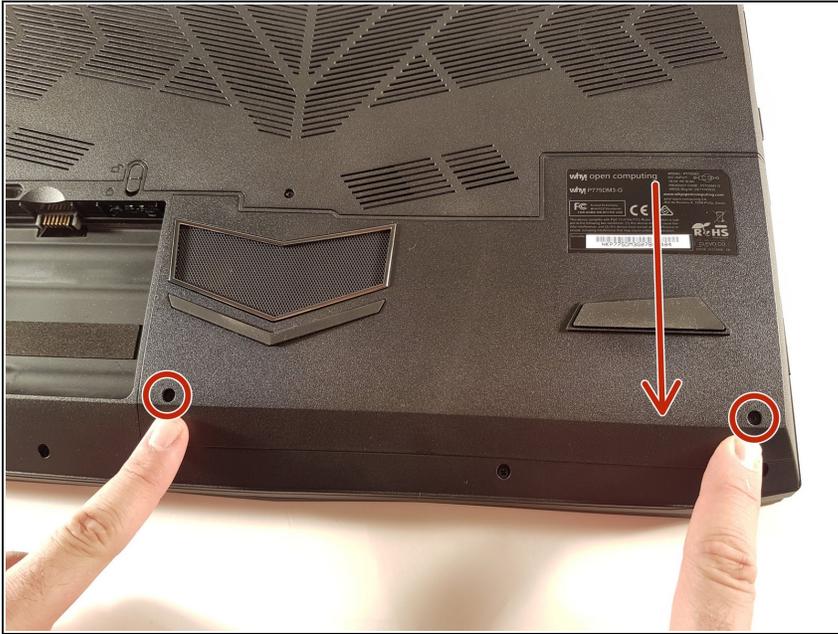
- Unlock the lock circled in red.

Step 2



- Lift the battery while unlocking the lock circled in red.

Step 3 — Disk access



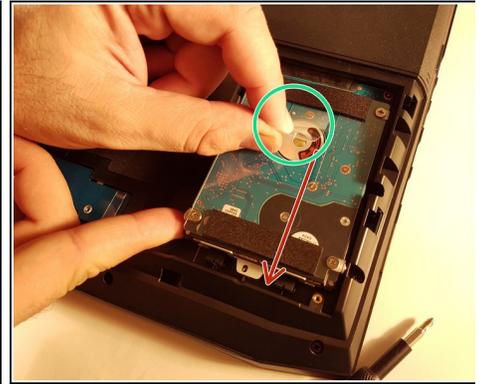
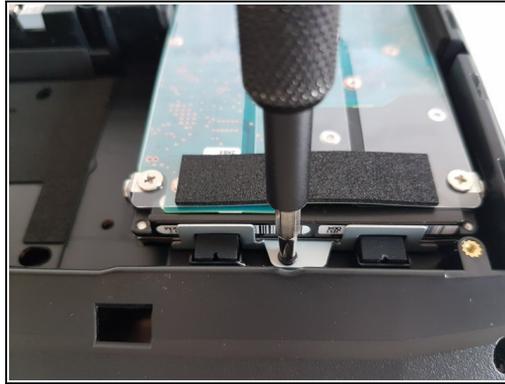
- Unscrew the two screws circled in red.
- Slide the plate in the direction of the arrow.

Step 4



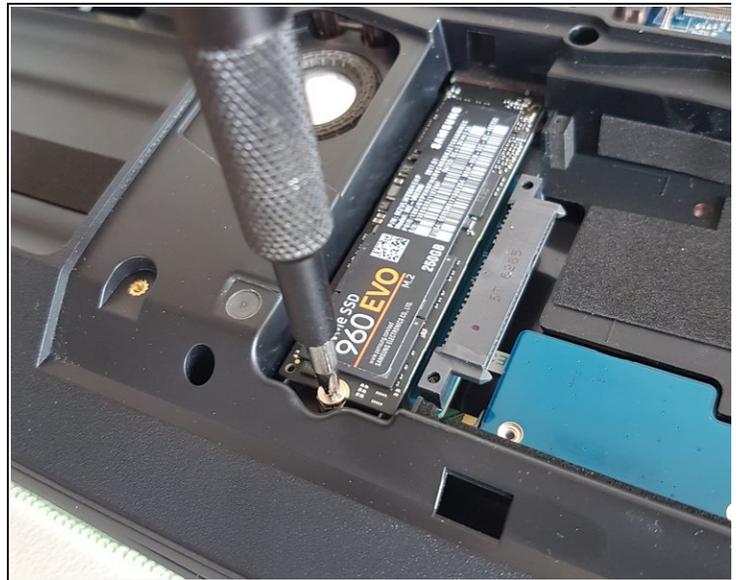
- Lift the plate

Step 5 — Hard Disk Drive



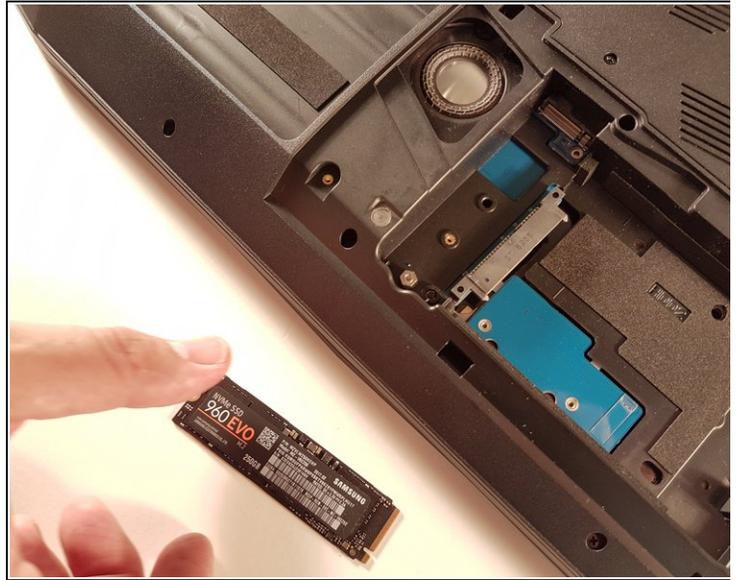
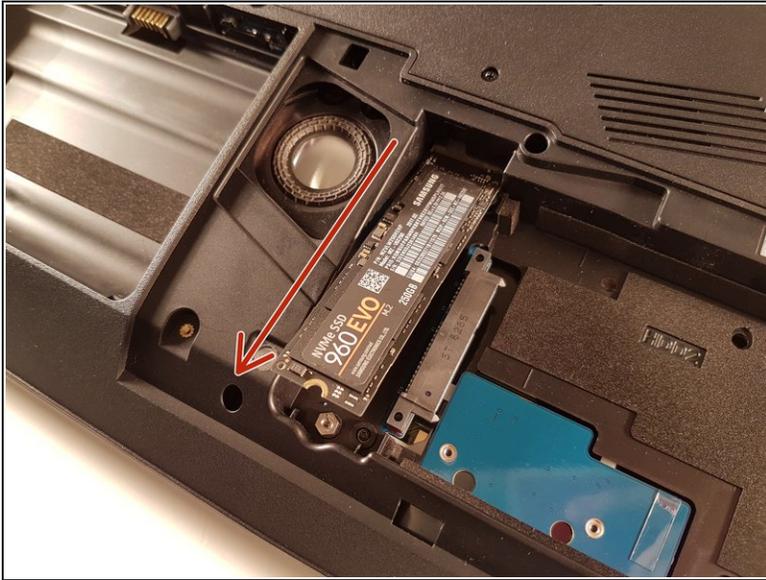
- Unscrew the screw circled in red.
- Lift the disk with the green tab.
- Remove the disk in the direction of the arrow.

Step 6 — M.2 SSD



- Unscrew the screw circled in red.

Step 7



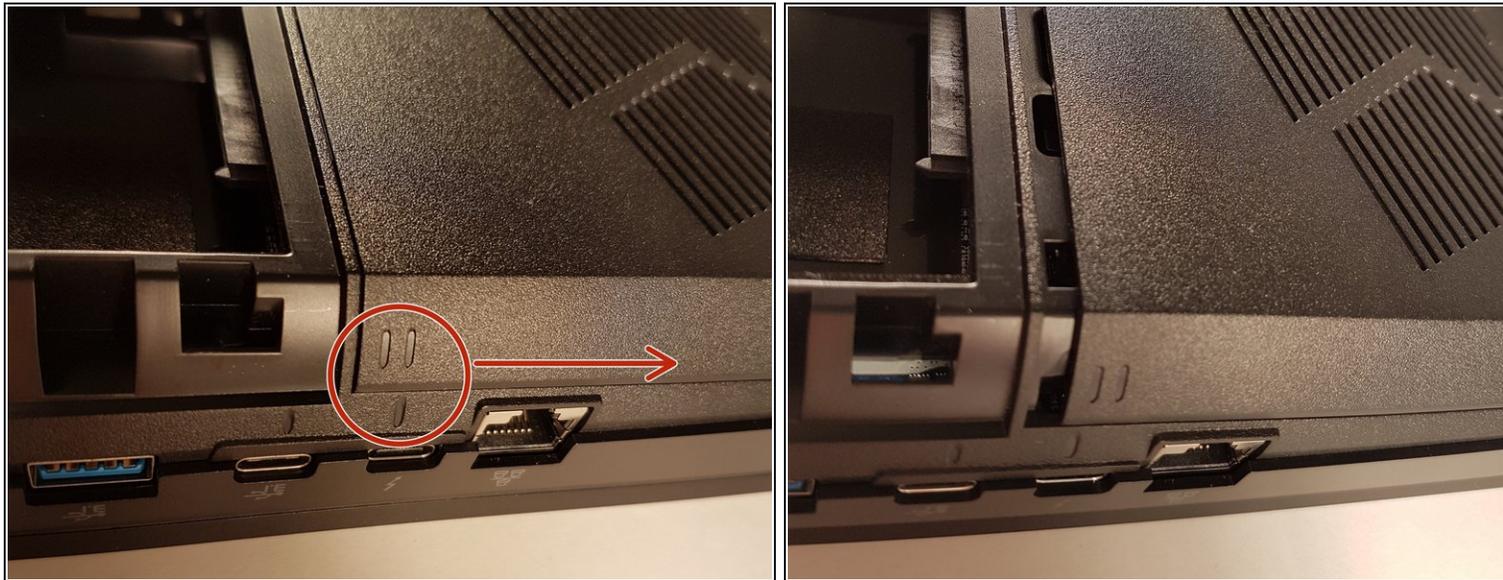
- Pull the SSD in the direction of the red arrow.

Step 8 — Access to major components



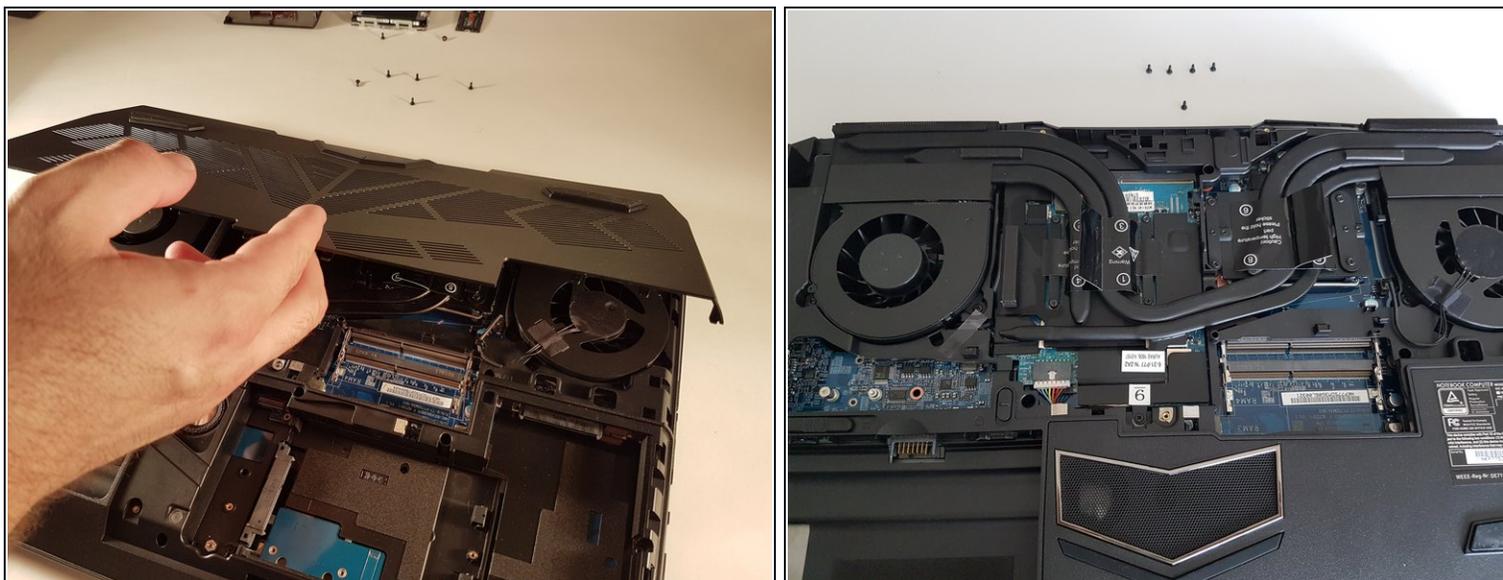
- Unscrew the five screws circled in red.

Step 9



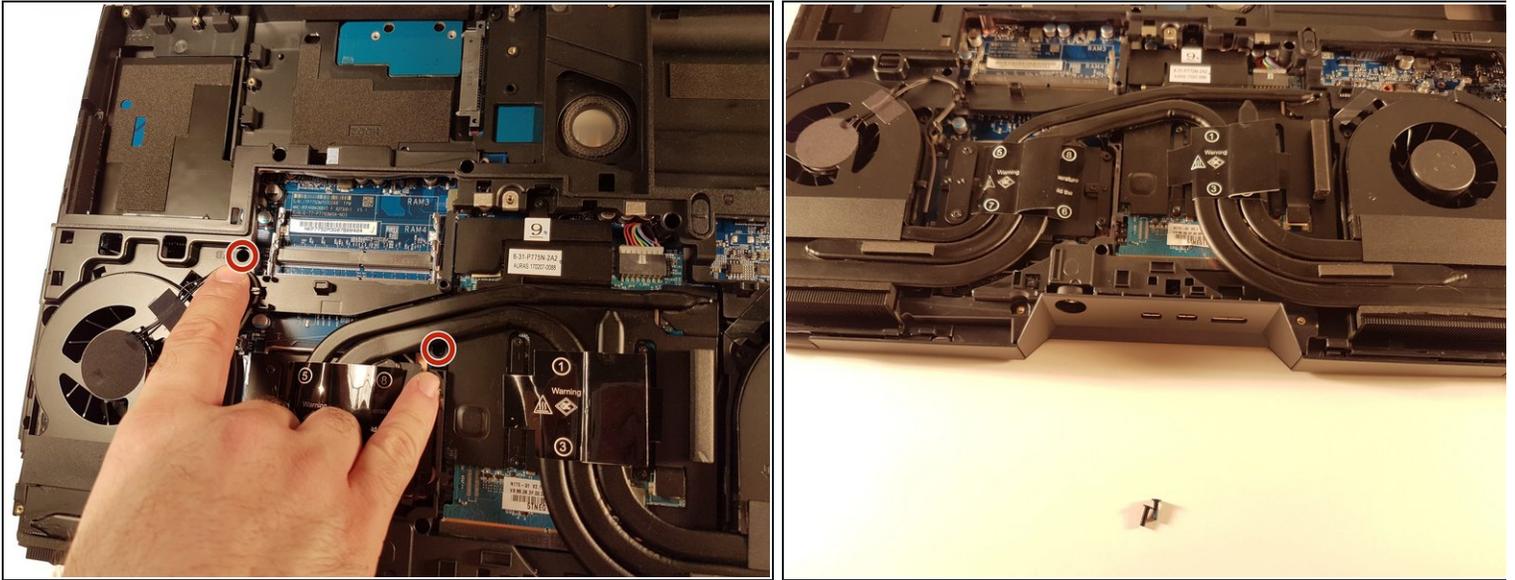
- Slide the plate in the direction of the red arrow.

Step 10



- Lift the plate.

Step 11 — Keyboard



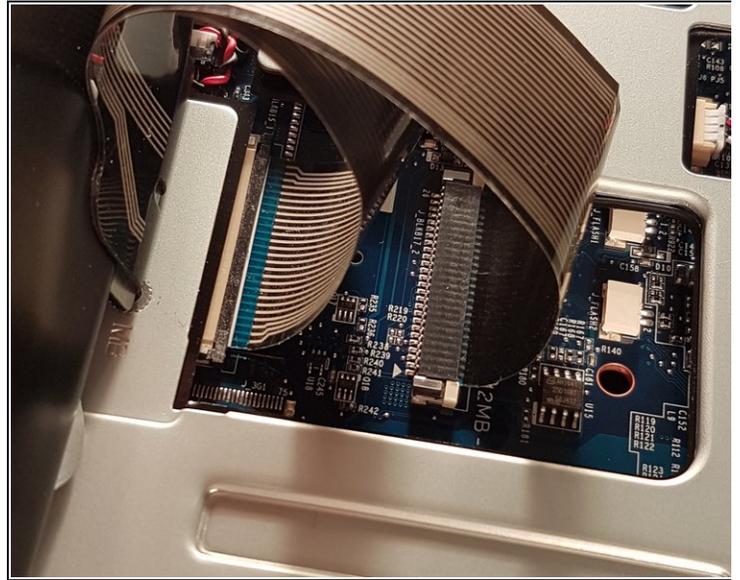
- Unscrew the two screws circled in red

Step 12



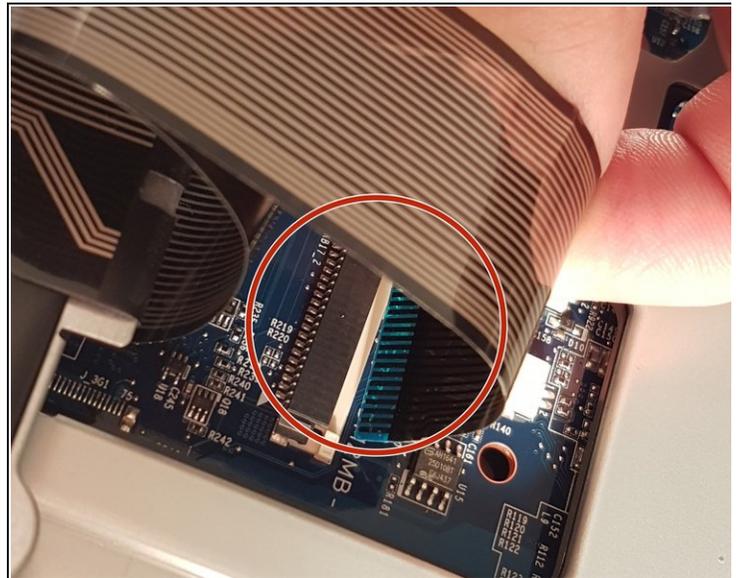
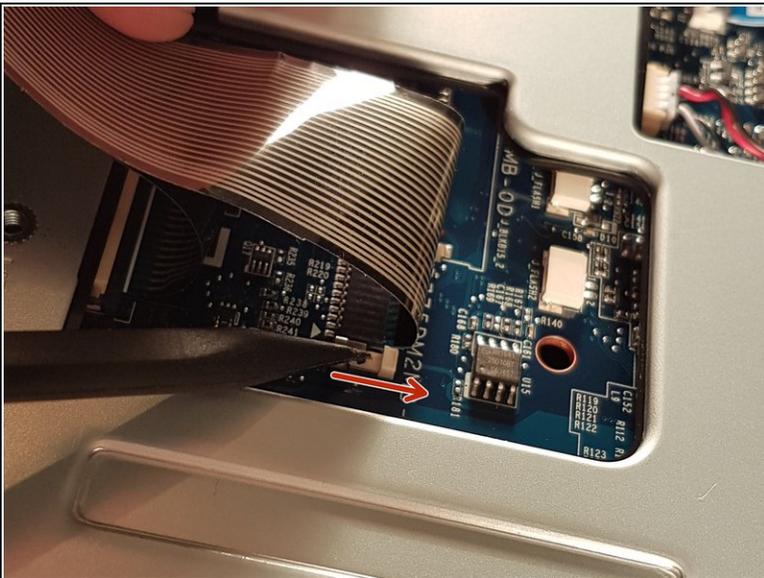
- Press a paper clip in the three places marked in red
- Lift the keyboard and feel free to put some strength

Step 13



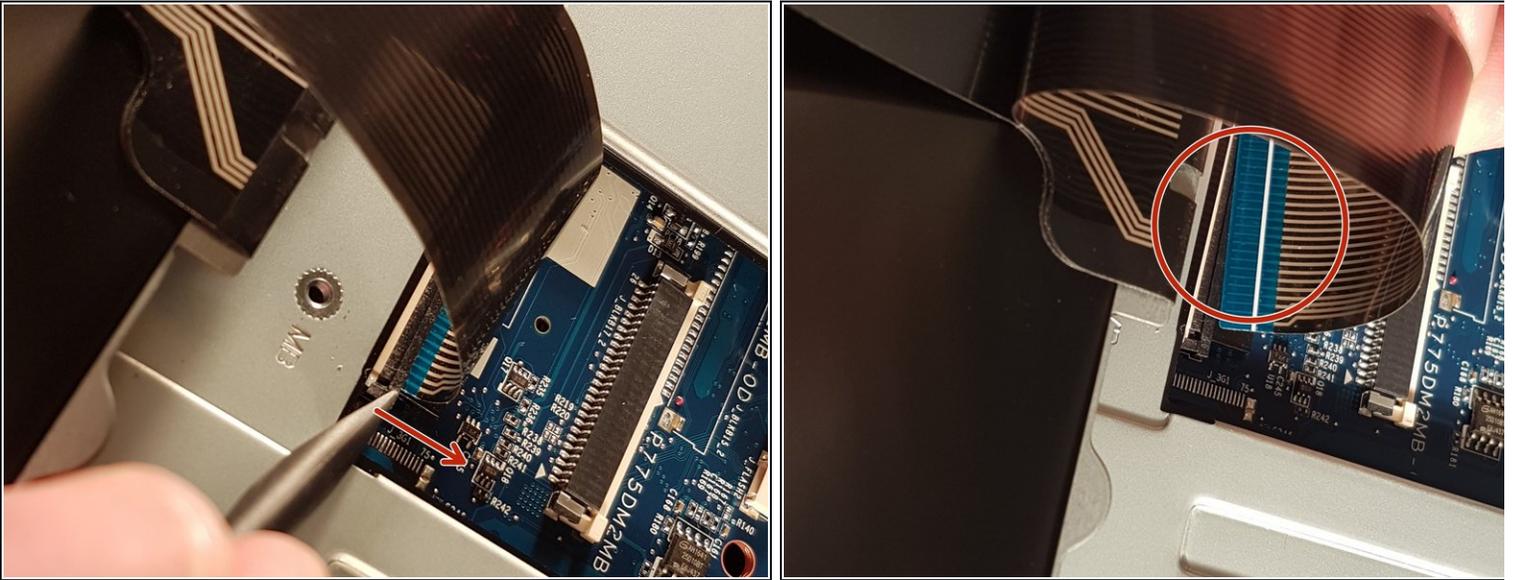
- Disconnect the three framed connectors in red

Step 14



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

Step 15



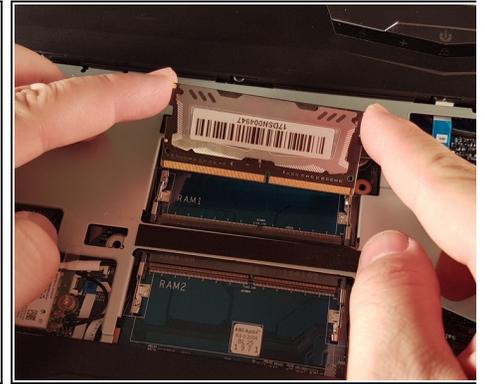
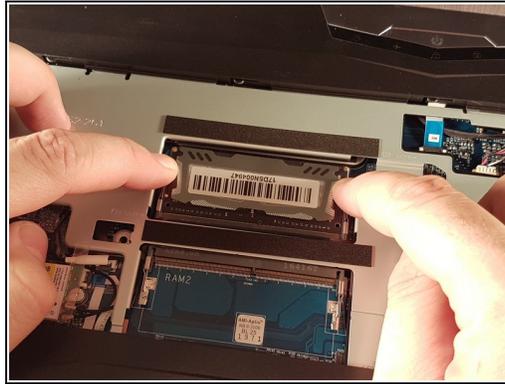
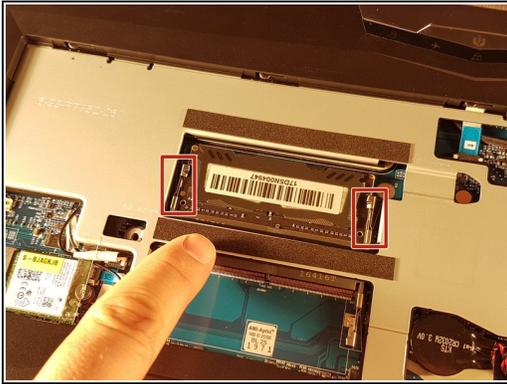
- Pull the black drawer in the direction of the arrow to unlock the connector
- Disconnect the red circled connector

Step 16



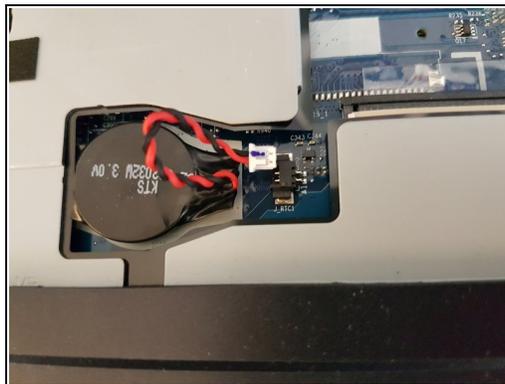
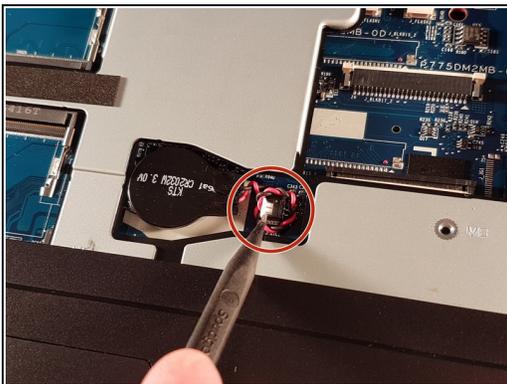
- Lift the flap that holds the connector circled in red
- Disconnect the red circled connector
- Remove the keyboard

Step 17 — RAM



- Spread the two clips in red.
- Remove the RAM card.

Step 18 — BIOS Battery



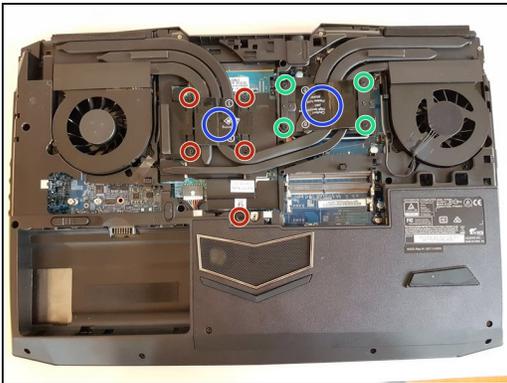
- Disconnect the connector circled in red.
- Remove the battery.

Step 19 — WLAN card removal



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

Step 20 — 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

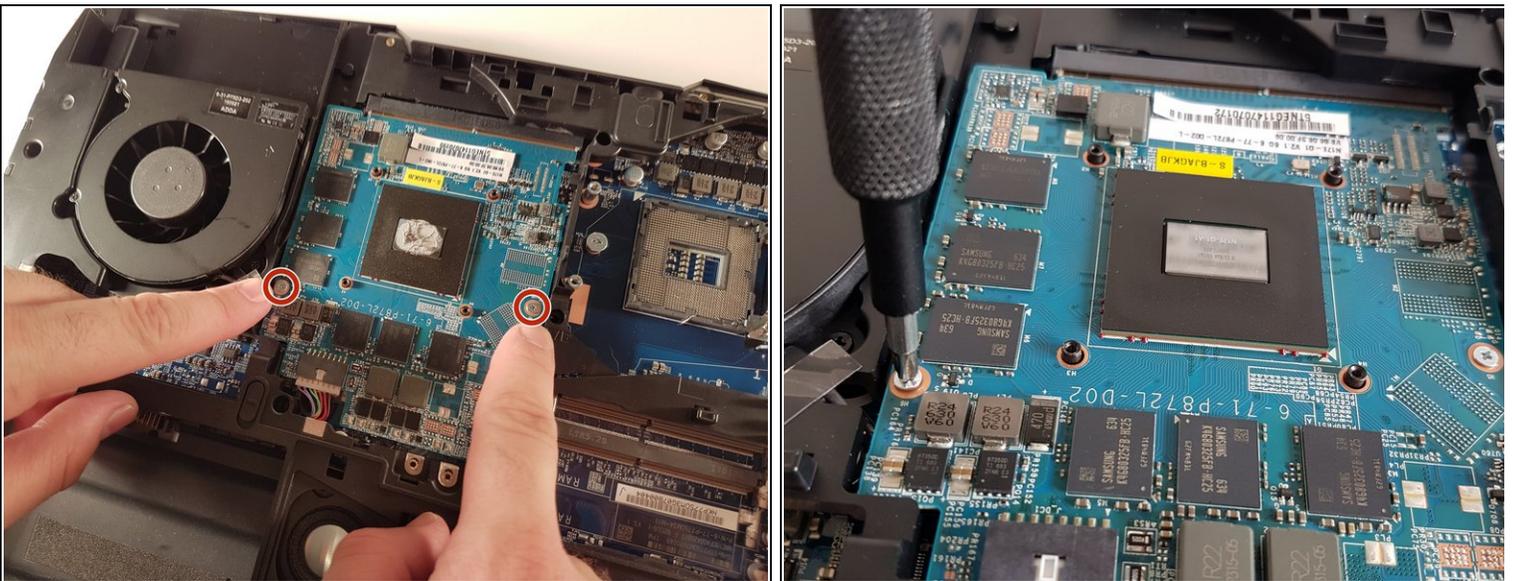
Step 21 — CPU



- Pull the lever circled in red in the direction of the red arrow while pressing on it.

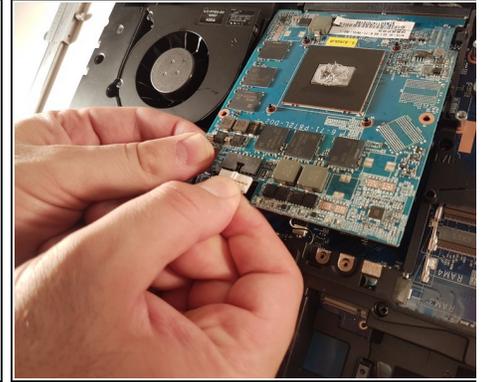
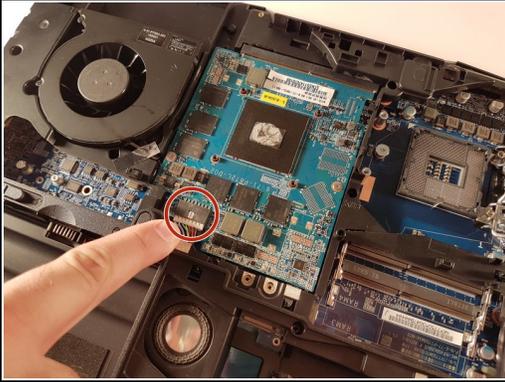
⚠ Attention: Don't touch the underside of the processor, pick it up from the sides.

Step 22 — GPU



- Unscrew the two screws circled in red

Step 23



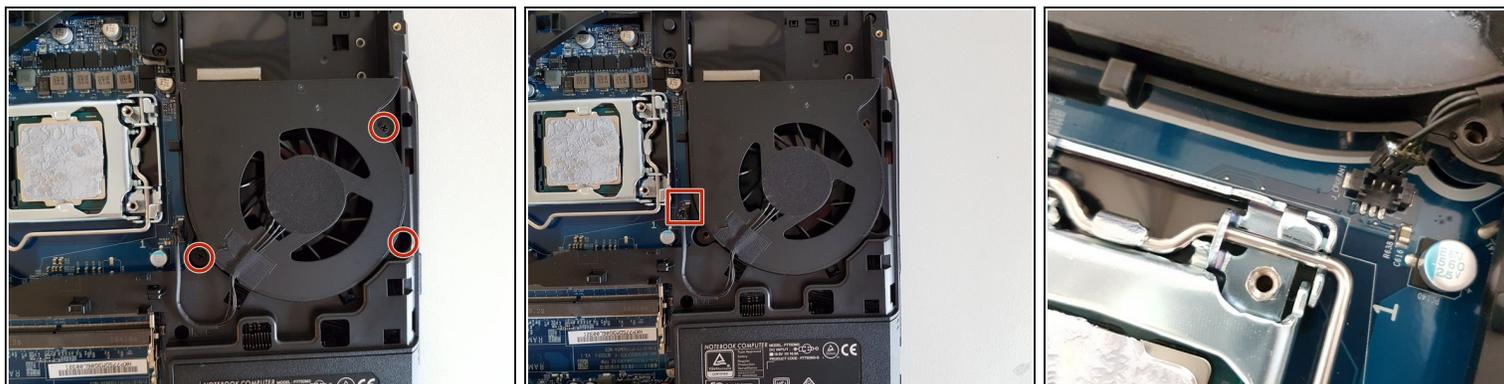
- Lift the card to allow access to the red circled connector
- Disconnect the red circled connector

Step 24



- Pull it in the direction of the red arrow

Step 25 — Fans



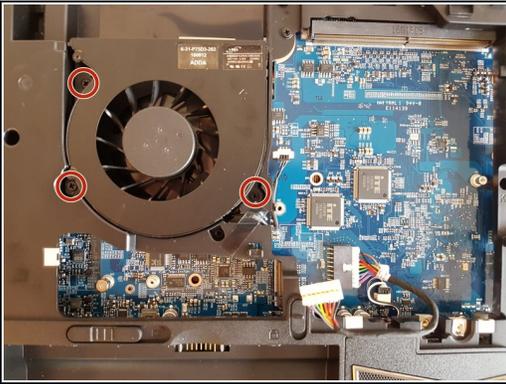
- Unscrew the three screws circled in red.
- Disconnect the framed connector in red.

Step 26



- Remove the fan.

Step 27



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

Step 28



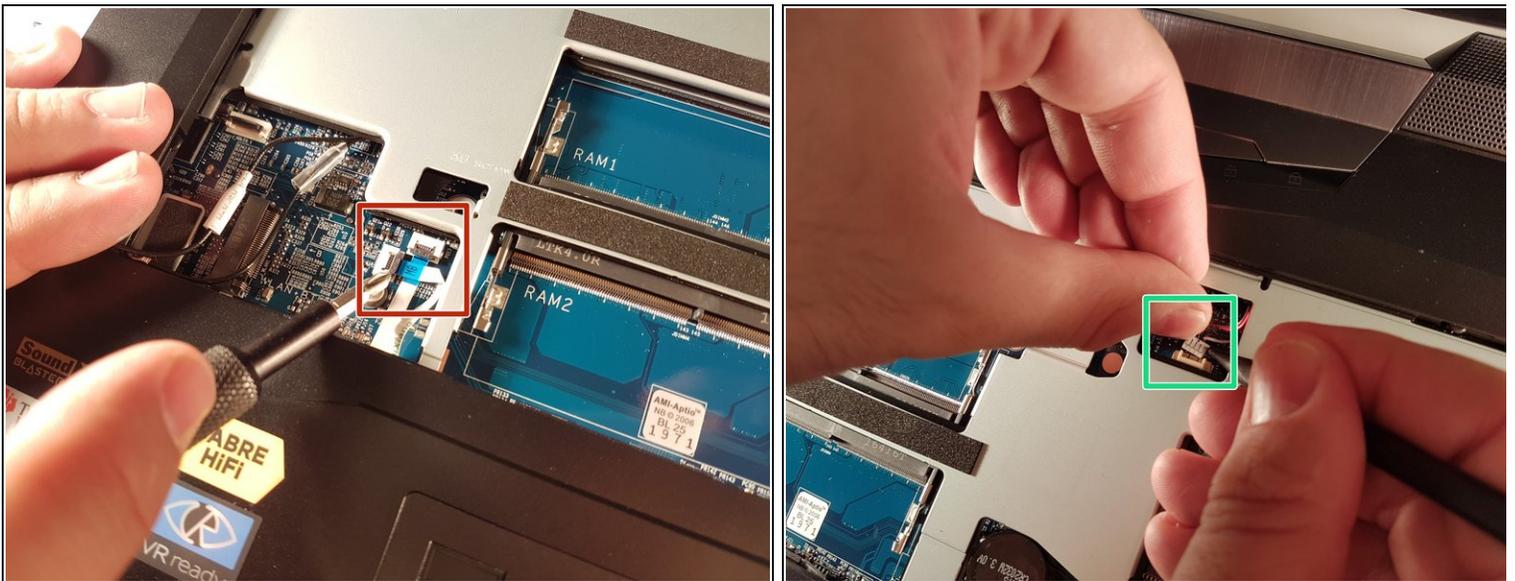
- Lift the fan.

Step 29 — Motherboard



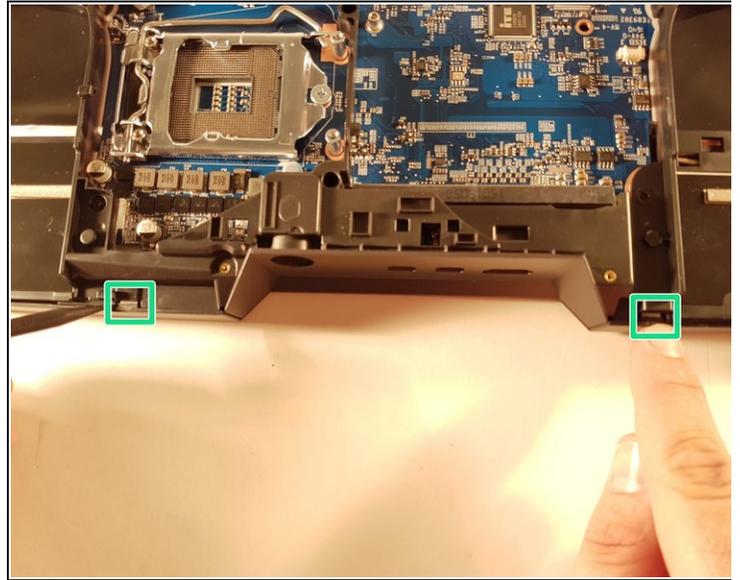
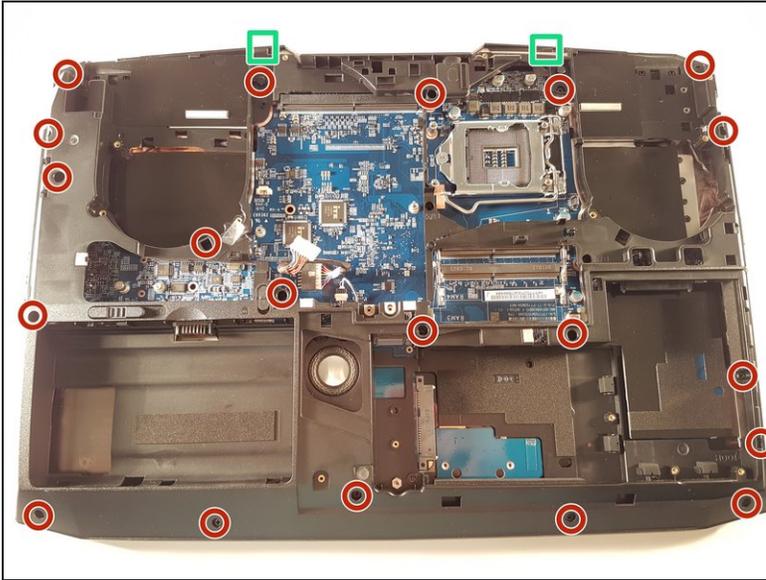
- Lift the flap that holds the two connectors framed in red.
- Disconnect the two framed connectors in red.

Step 30



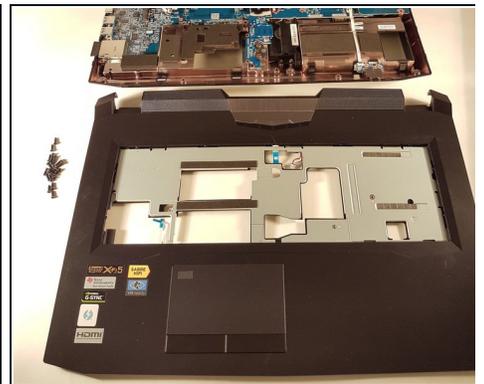
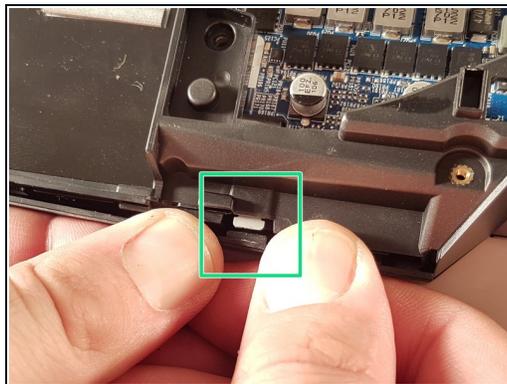
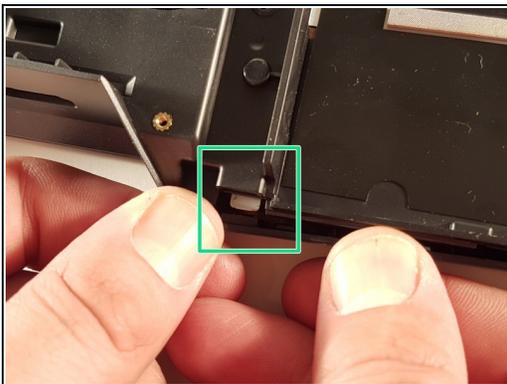
- Lift the flap that holds the two connectors framed in red.
- Disconnect the two framed connectors in red.
- Disconnect the box connector in green.

Step 31



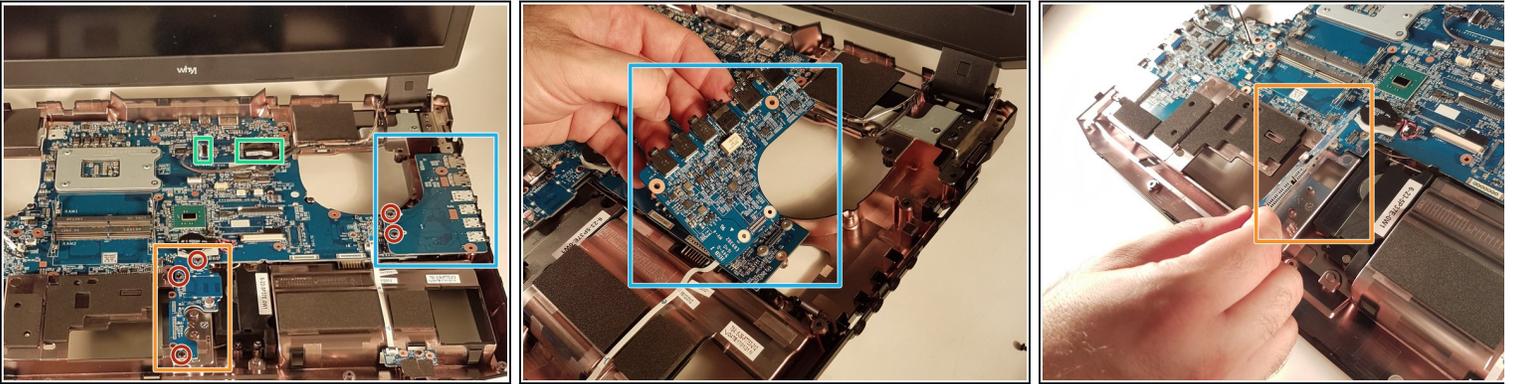
- Unscrew the twenty screws circled in red.
- Unclip the edge of the case at the two places framed in green.

Step 32



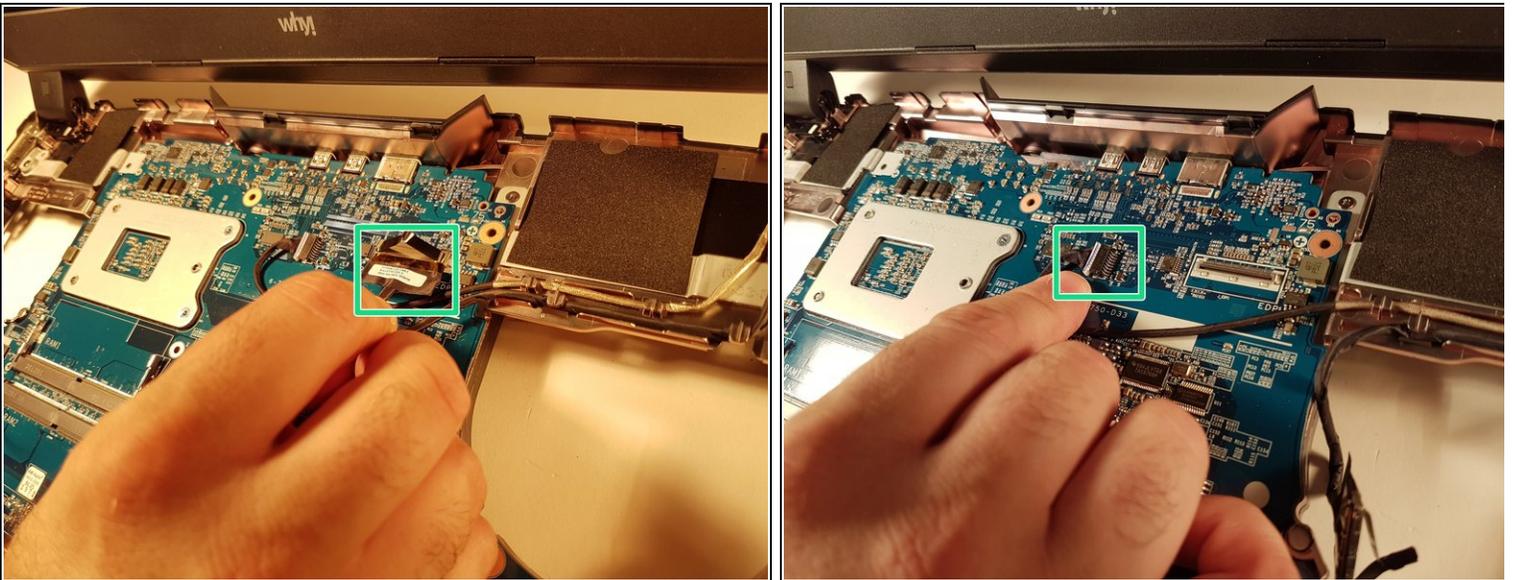
- Unclip the edge of the case at the two places framed in green.
- Remove the top of the case.

Step 33



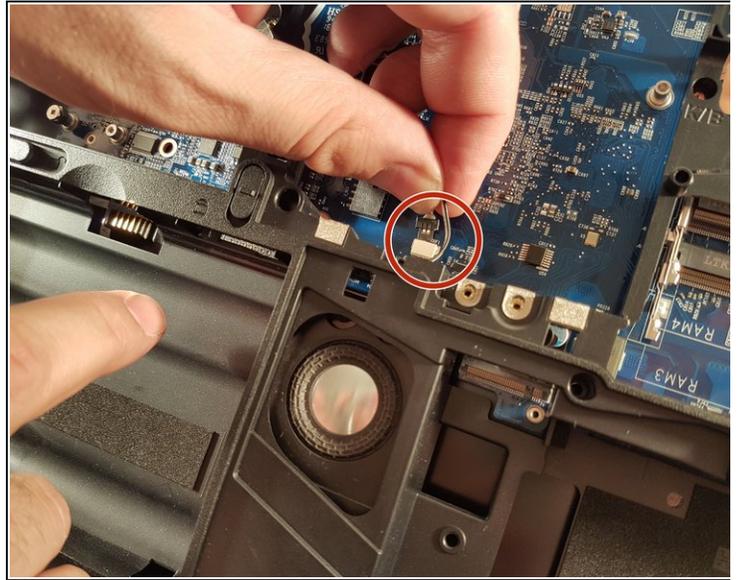
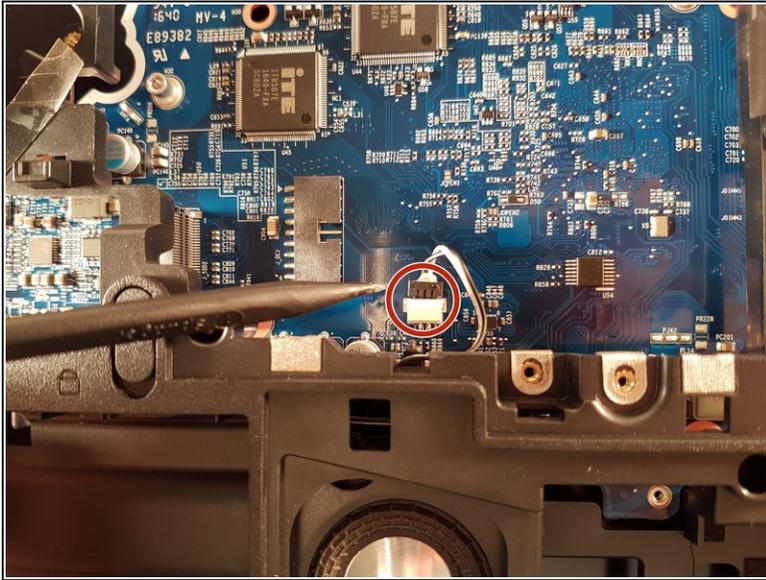
- Unscrew the five screws circled in red.
- Remove the framed card in blue.
- Remove the framed card in orange.

Step 34



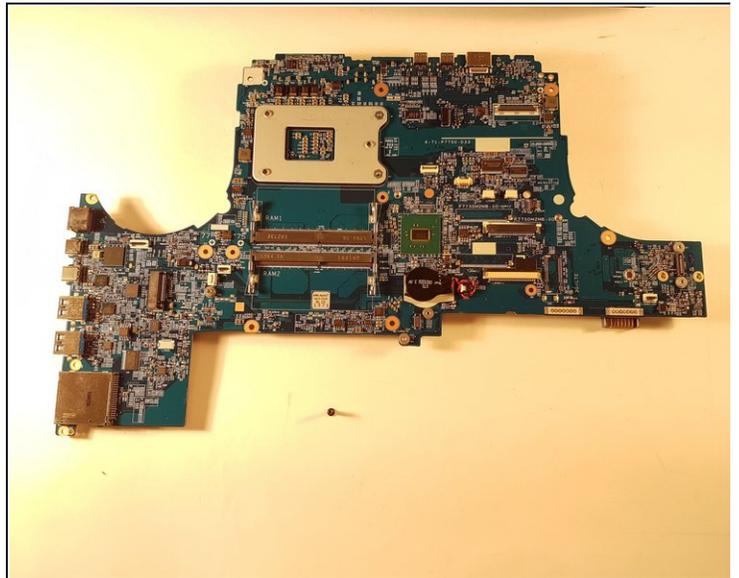
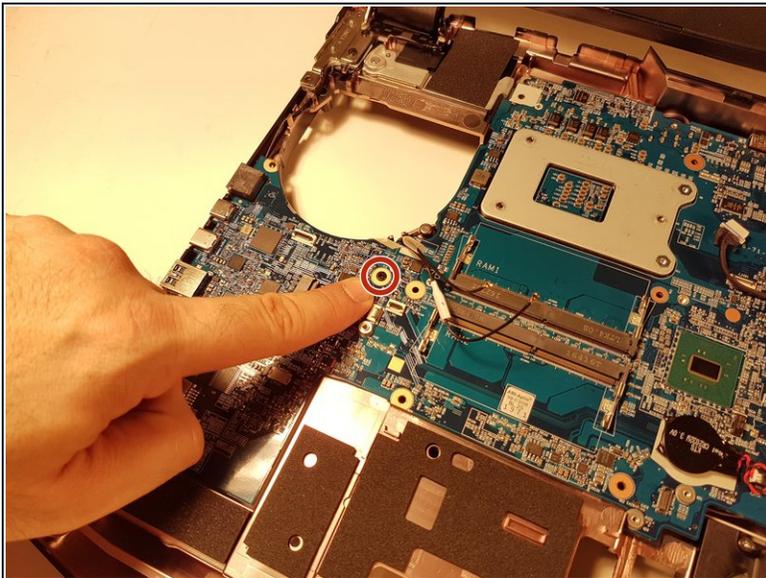
- Disconnect the two framed connectors in green.

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.