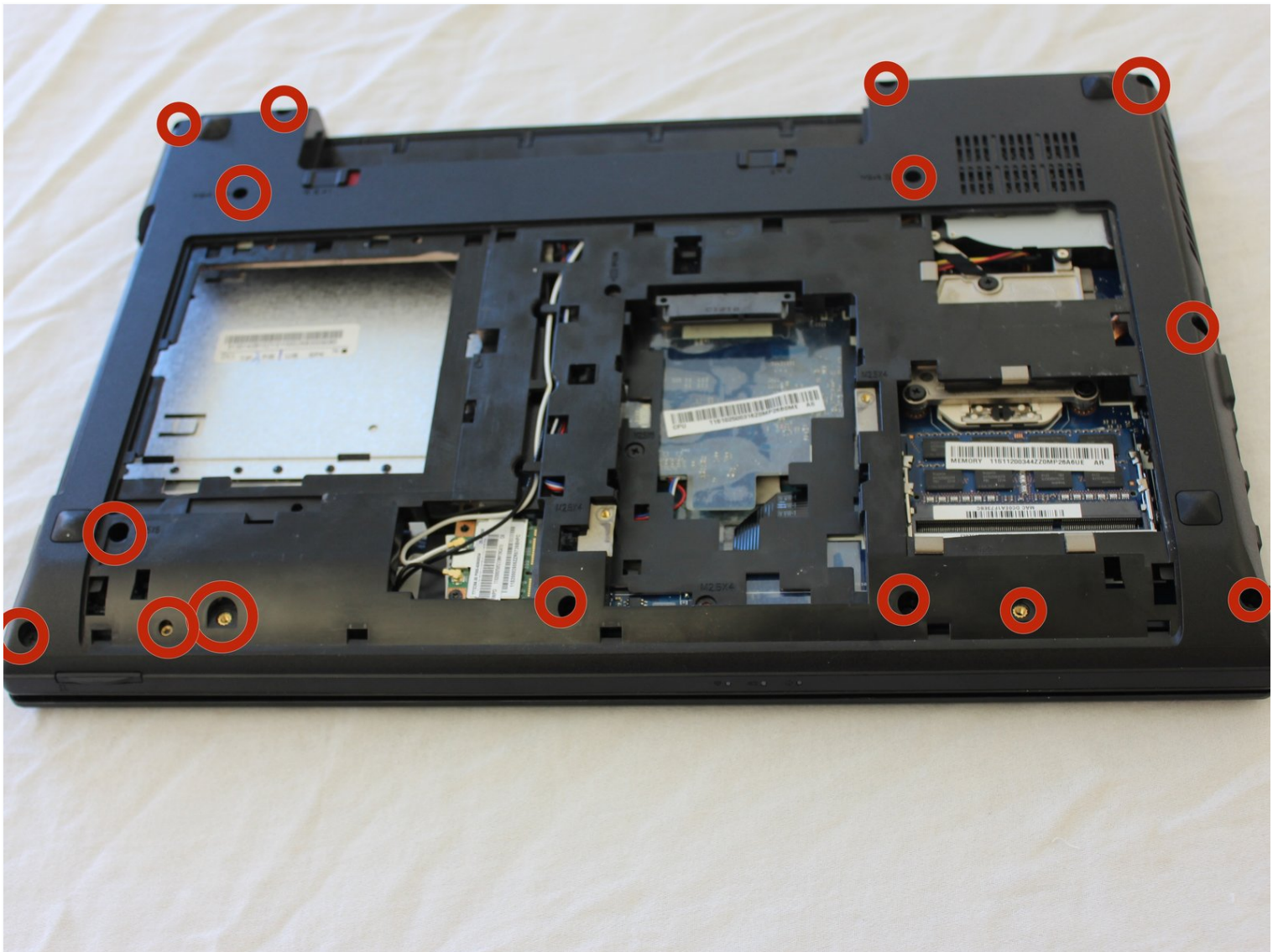




# Lenovo IdeaPad N586 Motherboard Replacement

Written By: Patrick





## TOOLS:

Spudger (1)

Phillips #1 Screwdriver (1)

### Step 1 — Battery



- To unlock the battery, flip the laptop over so that the bottom is facing upward. Then unlock the left clip by pushing the clip to the left.

## Step 2



- Now push the right clip to the right and hold it while using your other hand to pull the battery out.

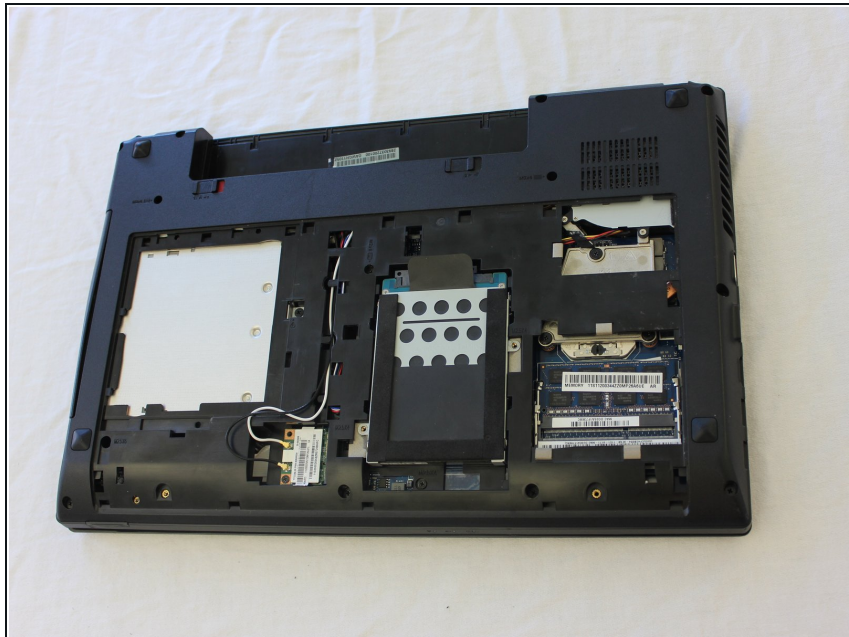
## Step 3 — Back Panel



- Remove the two screws highlighted.

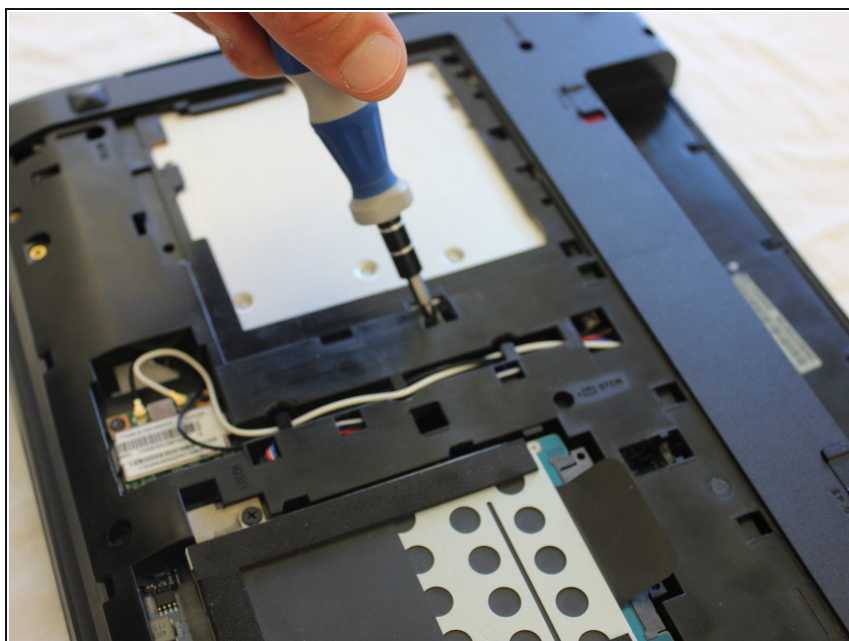


## Step 4



- This is the back of the laptop with the cover removed.

## Step 5 — Optical Drive



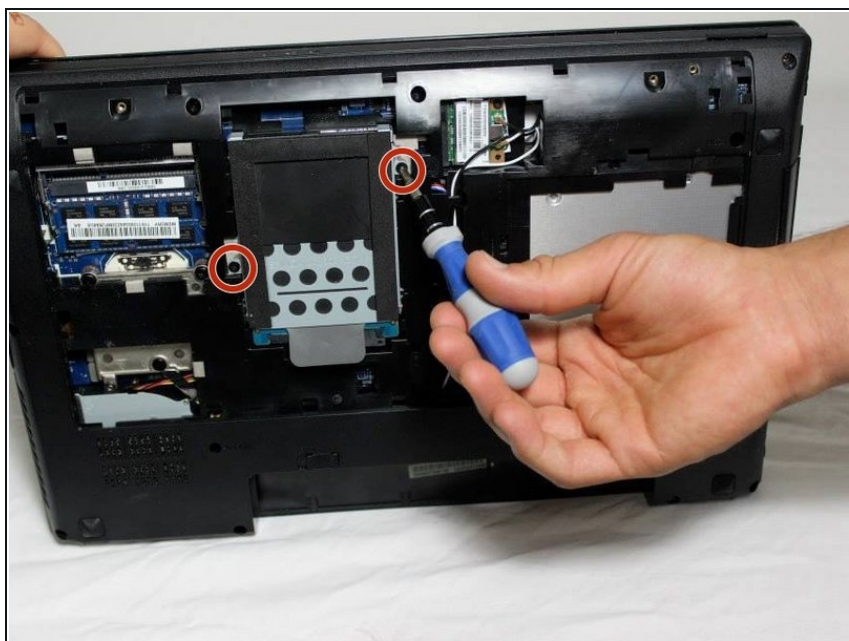
- Locate and remove the single screw right of the optical drive

## Step 6



- Optical Drive should slide out easily with one thumb's effort.

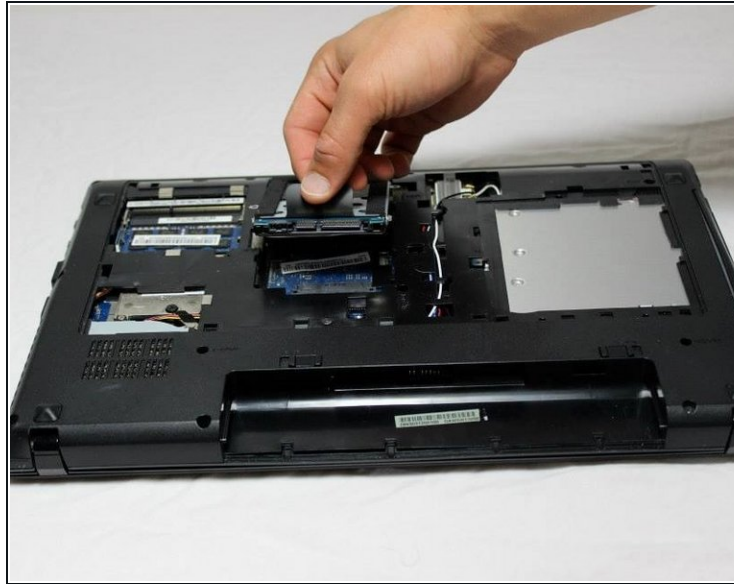
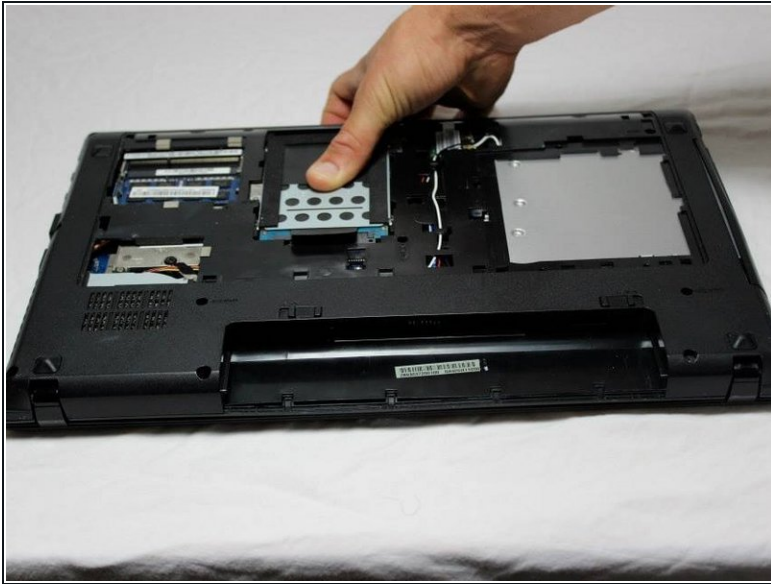
## Step 7 — Hard Drive



- Now remove the last two screws highlighted

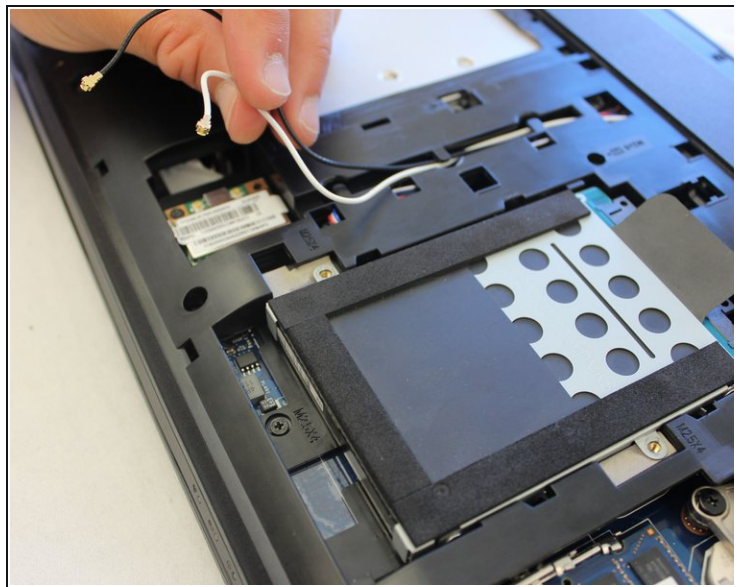
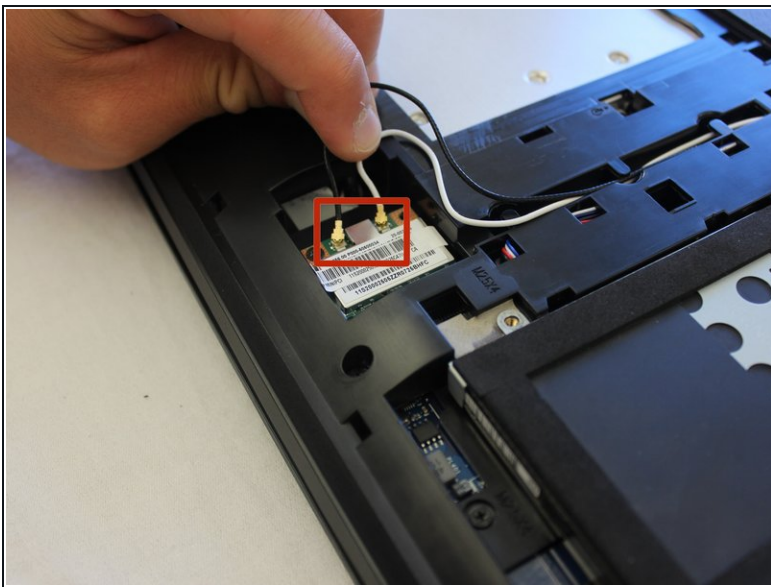


## Step 8



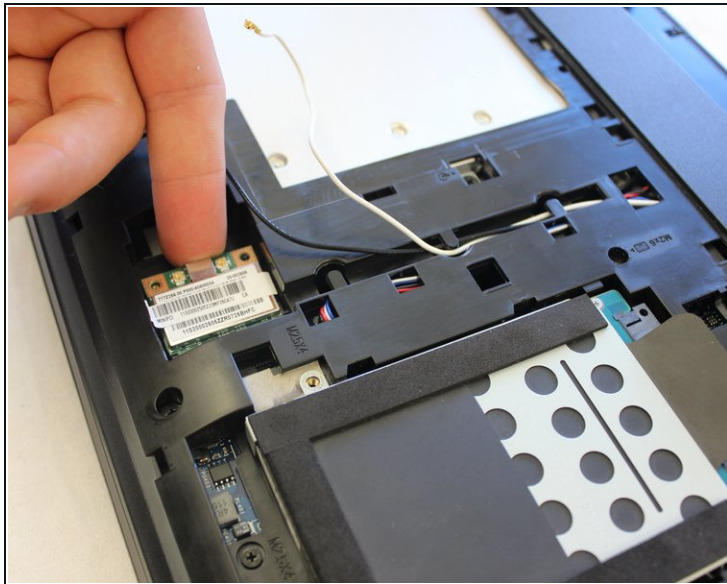
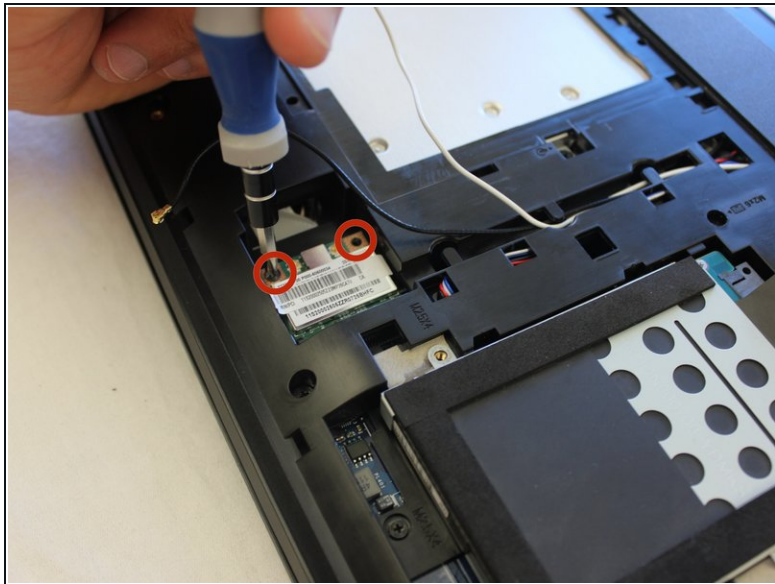
- Push hard drive away from the center of the chassis.
- Lift the hard drive out of the chassis using the tab located on the drive.

## Step 9 — Wifi card



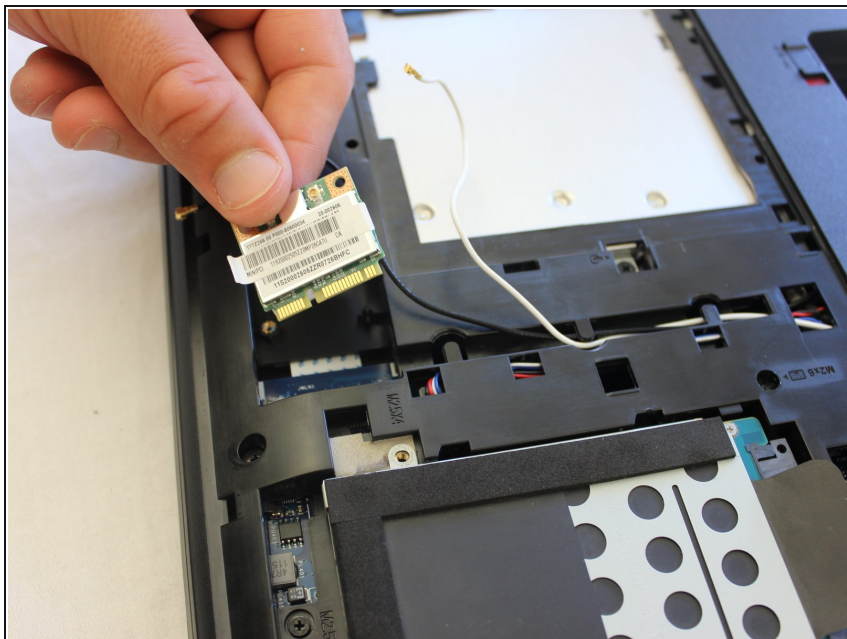
- Remove the white and black wires.

## Step 10



- Next, unscrew the wifi card

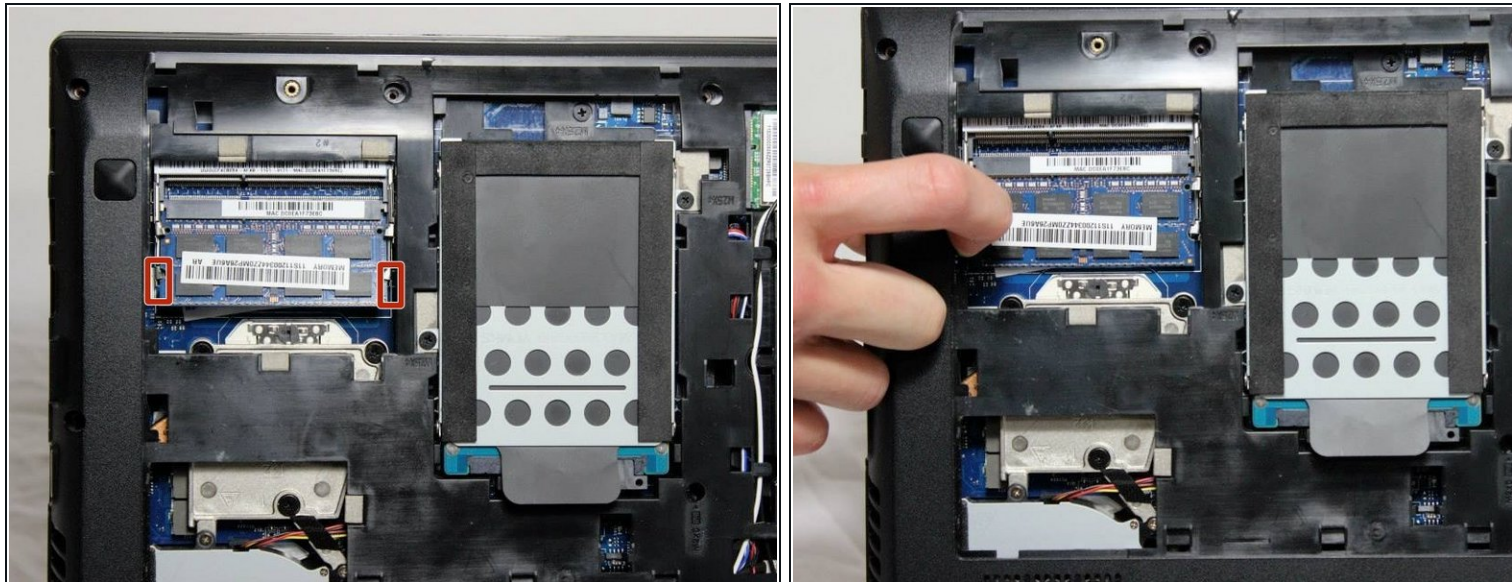
## Step 11



- Pull out the wifi card.

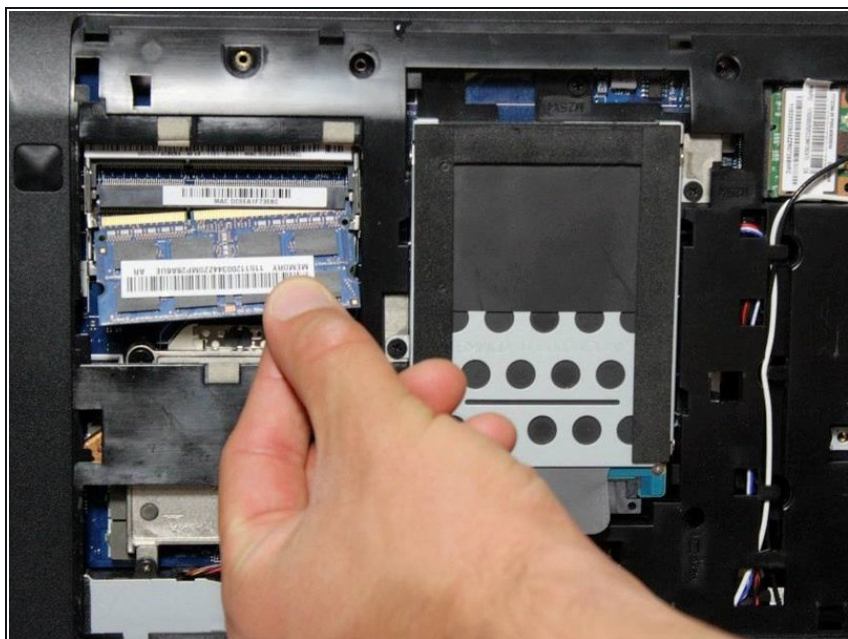


## Step 12 — Memory



- Now push the little clips out away from the memory to unlock the memory.

## Step 13



- After unlocking the memory from its position, pull the memory out.



## Step 14 — Keyboard



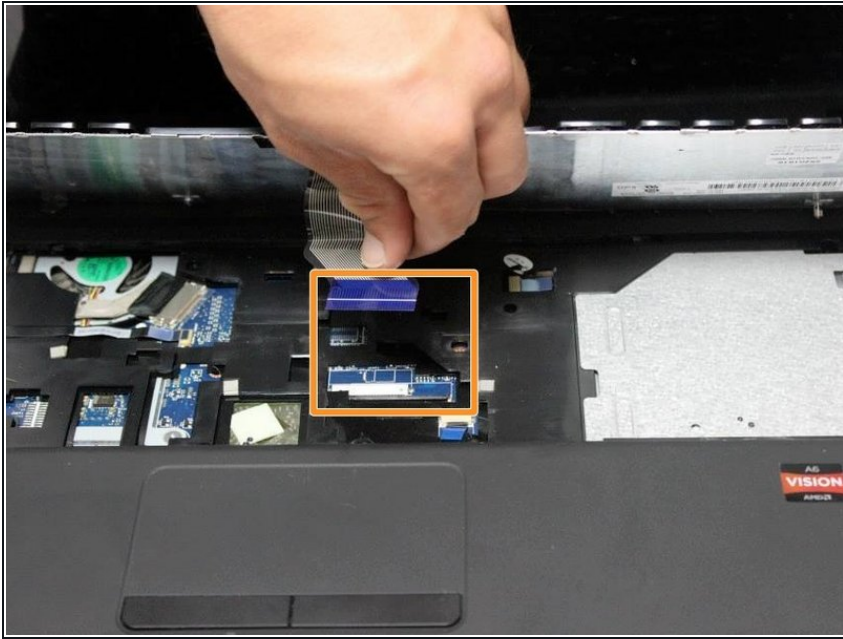
- Remove three screws on bottom of case. They have a little keyboard image next to them. If you don't do this first, the keyboard will not come off. Place the plastic spudger right under the edge of the keyboard and lift up the keyboard.

## Step 15



- Slowly and gently lift the keyboard up to separate from the chassis.

## Step 16



- Gently lift the keyboard off the chassis.
- Carefully disconnect the keyboard from the laptop by unhooking the keyboard ribbon.

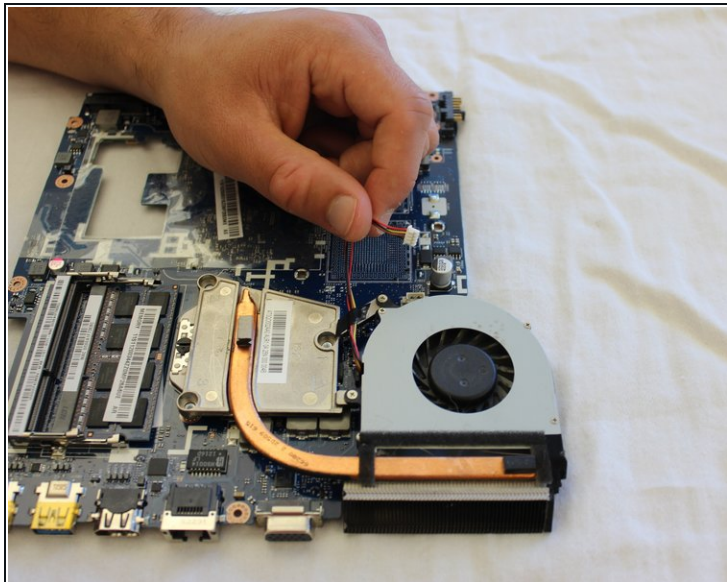
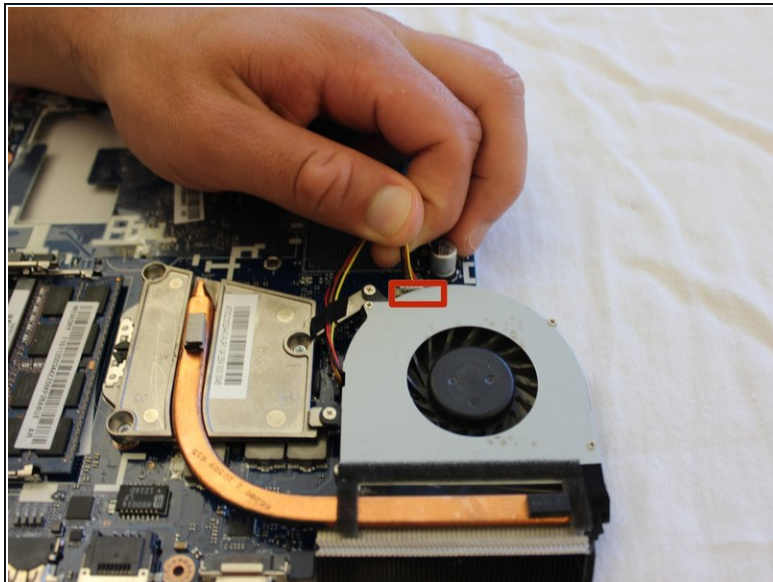
## Step 17



- Now remove the keyboard from the computer.

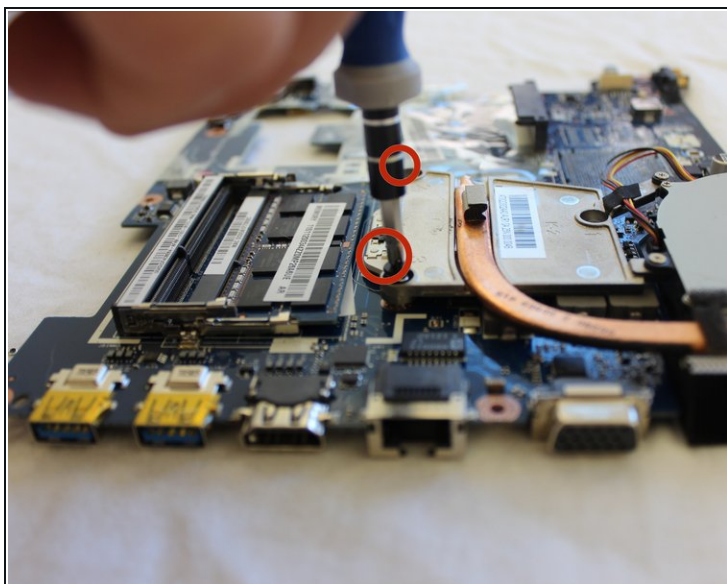


## Step 18 — Fan



- Pull the plug shown.

## Step 19



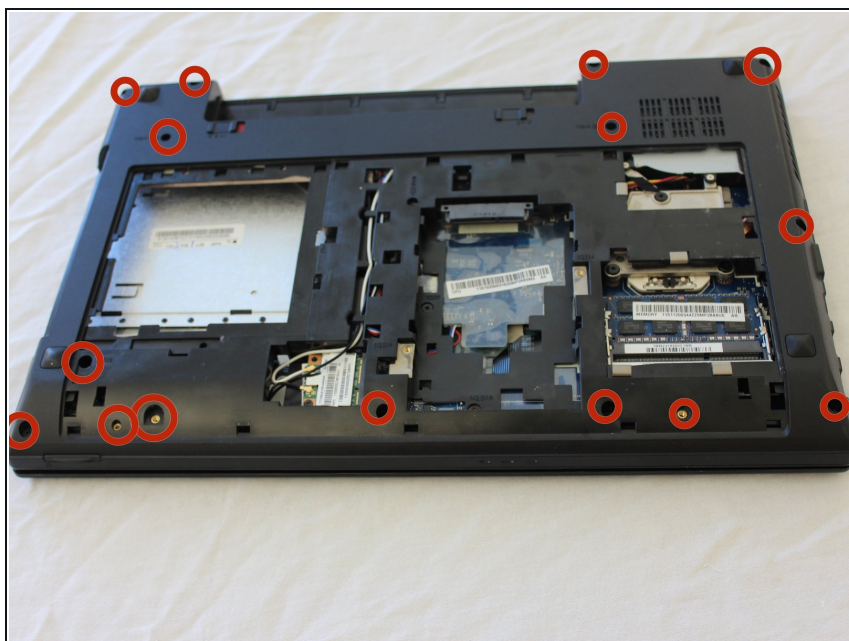
- Lift up fan.
- Remove two highlighted screws.

## Step 20



- This is the fan separated from the motherboard.

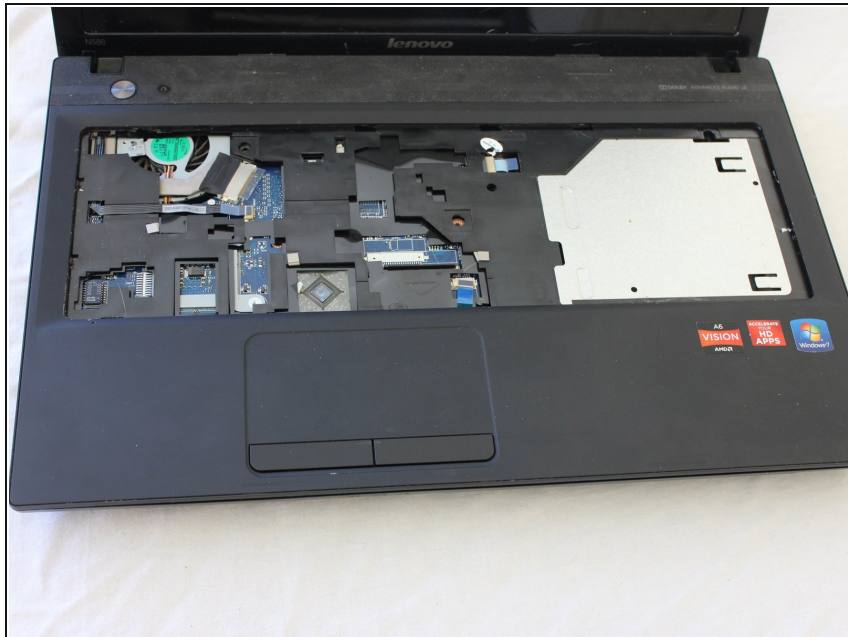
## Step 21 — Motherboard



- Remove all screws shown.



## Step 22



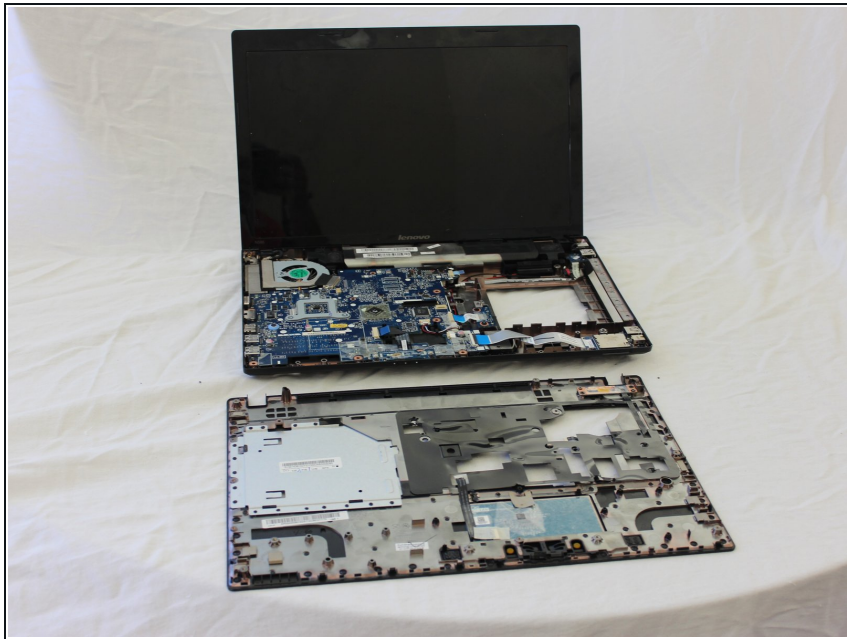
- Flip laptop over.

## Step 23



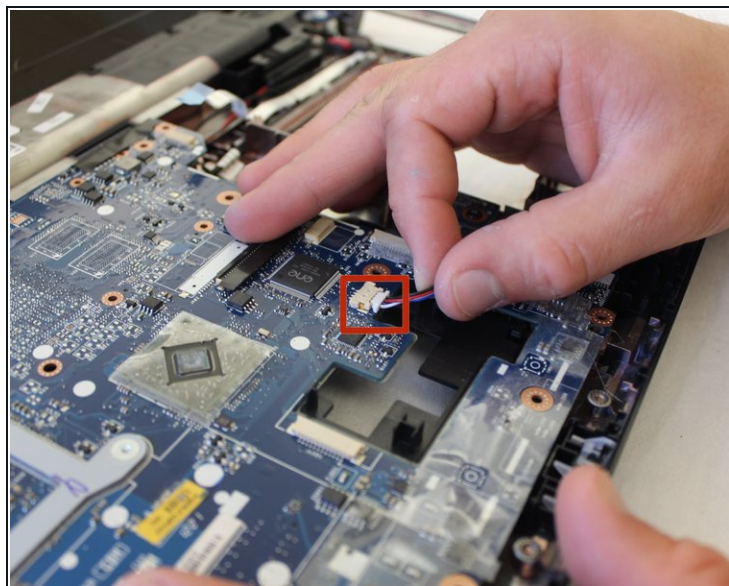
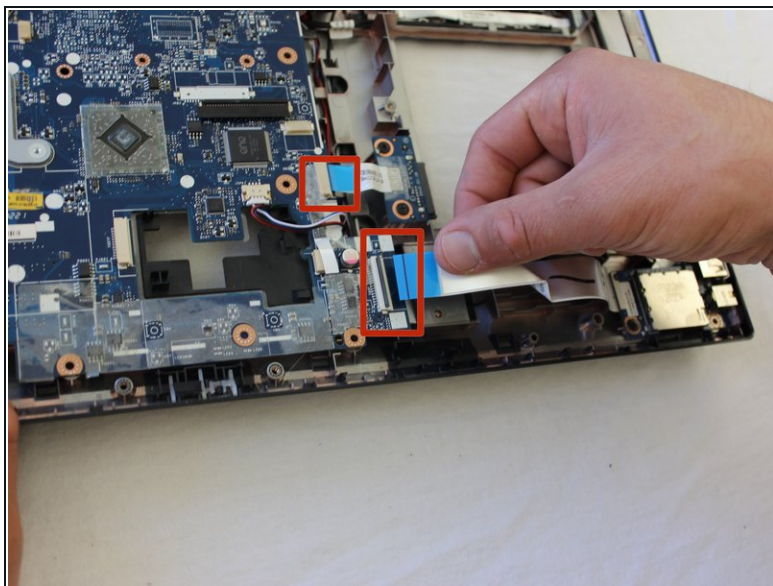
- Remove one more screw hidden under white paper oval sticker (lenovo)

## Step 24



- Remove keyboard bezel.

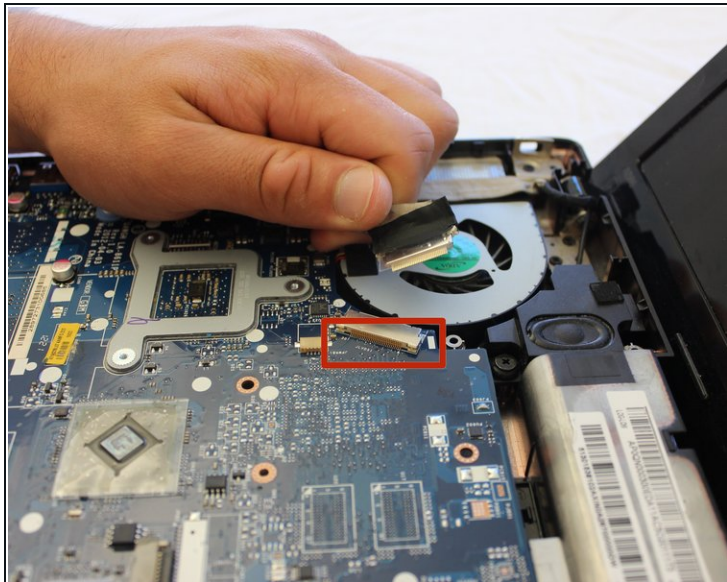
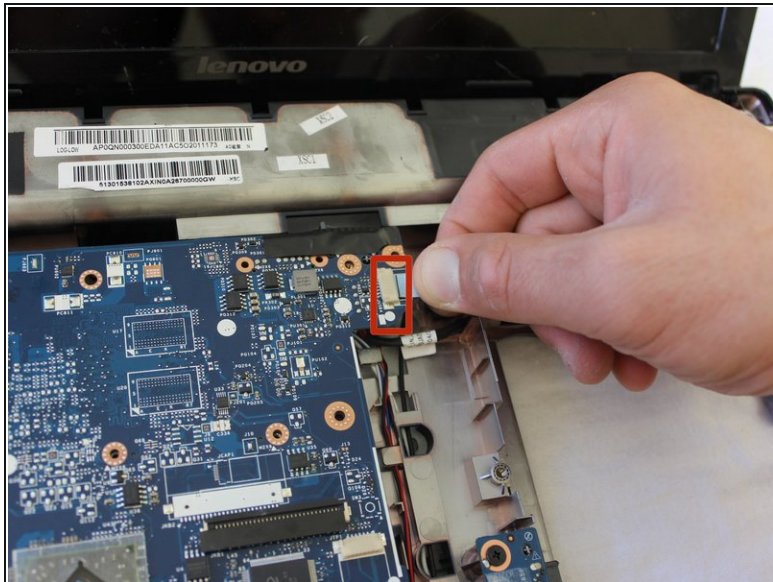
## Step 25



- Unplug highlighted tabs.

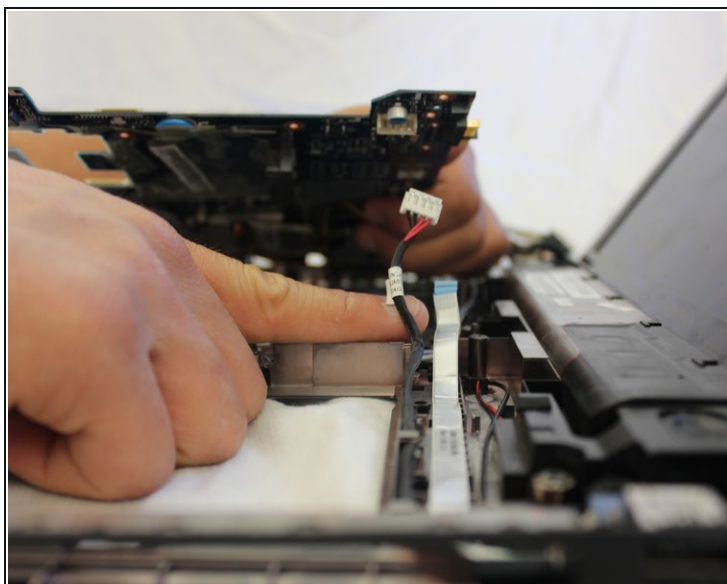
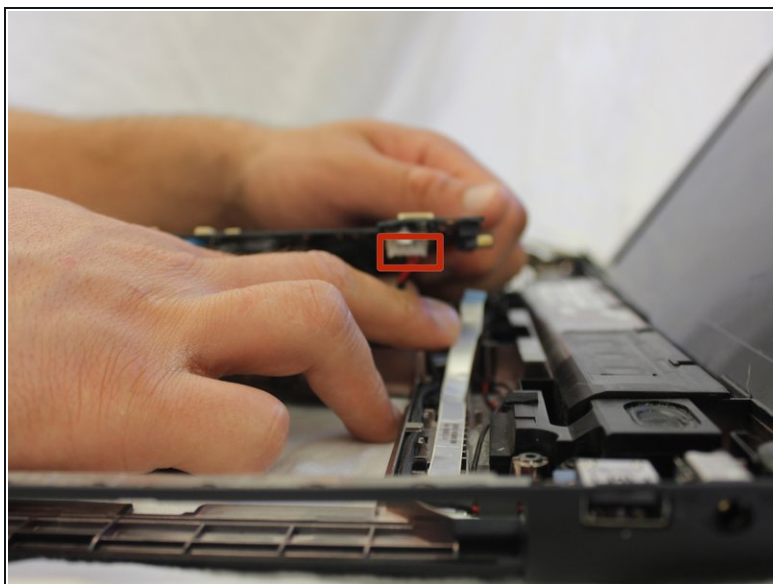


## Step 26



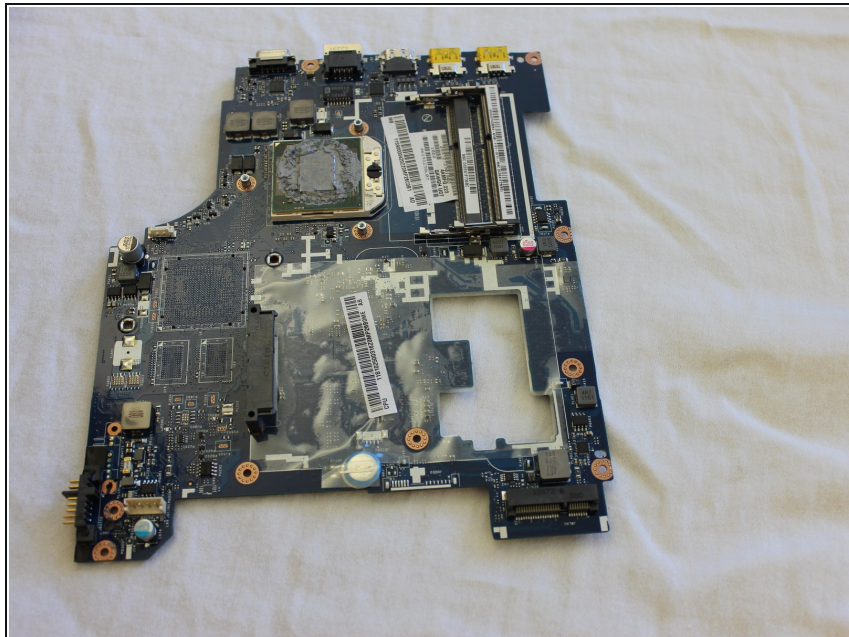
- More tabs need to be removed.

## Step 27



- Remove final plug connecting motherboard to base of laptop.

## Step 28



- This is what the motherboard looks when taken out of the laptop.

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