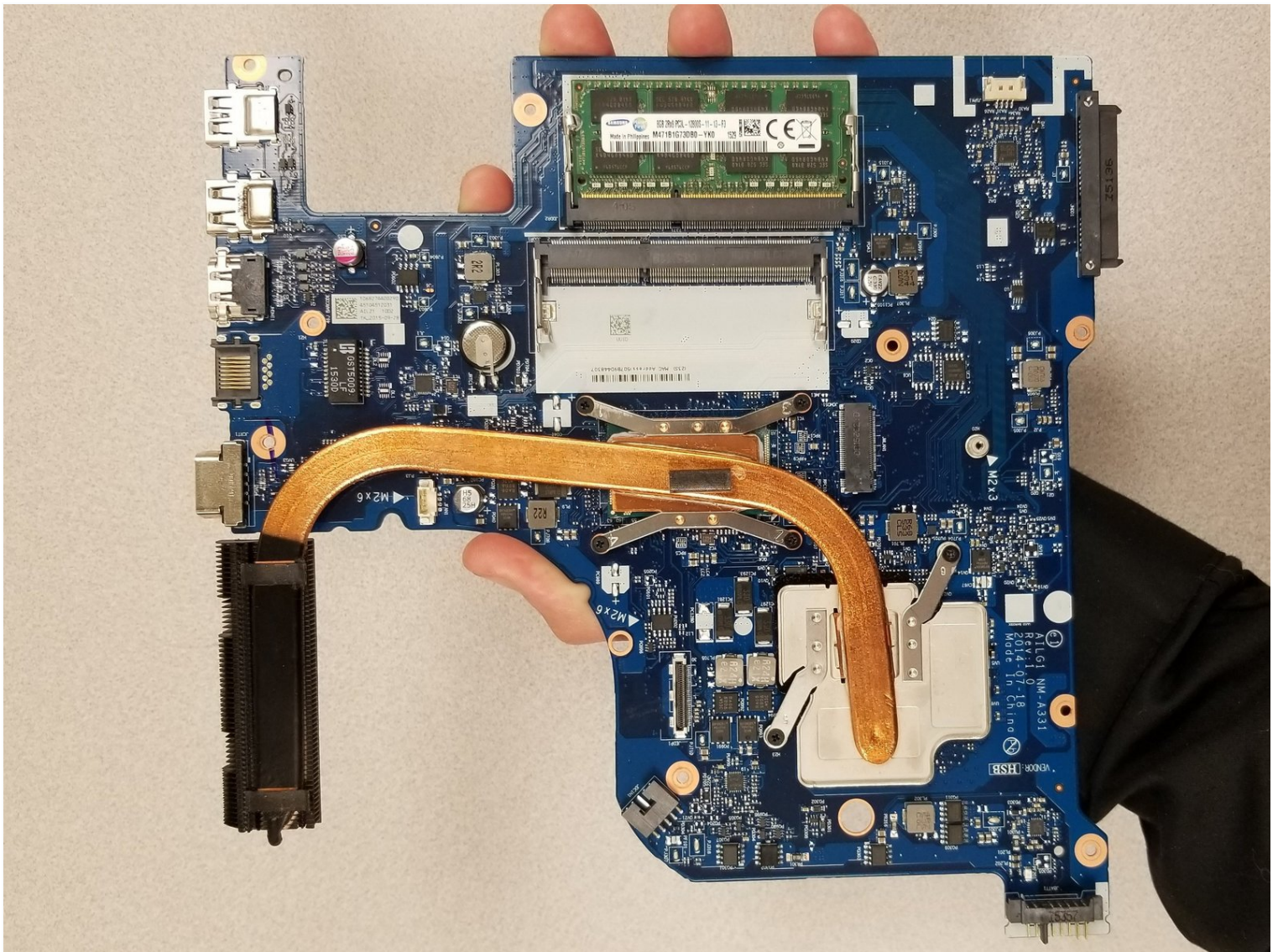




# Lenovo Z70-80 Motherboard Replacement

This guide will demonstrate the step by step...

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# INTRODUCTION

This guide will demonstrate the step by step process on how to replace the motherboard in your Lenovo Z70-80.

## TOOLS:

Phillips #0 Screwdriver (1)

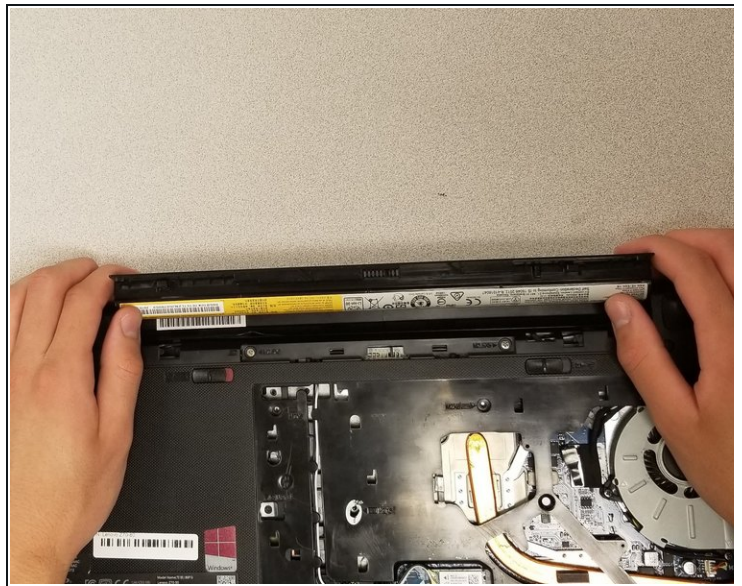
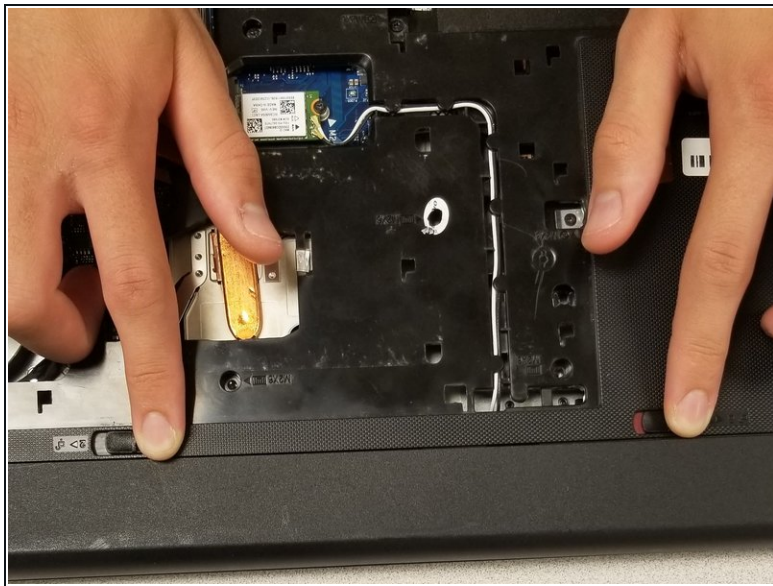
iFixit Opening Tool (1)

Spudger (1)

Anti-Static Wrist Strap (1)

Ruler (1)

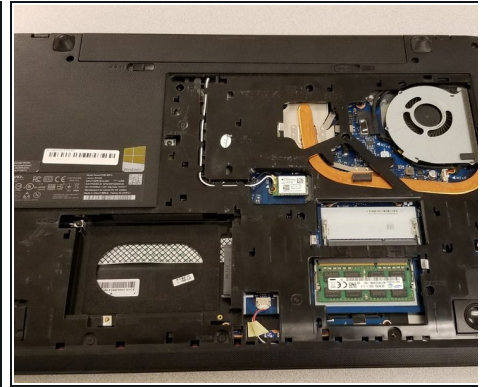
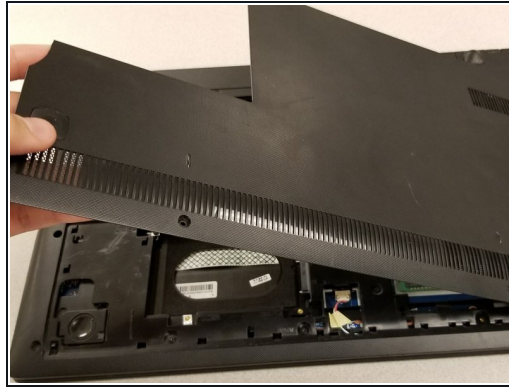
## Step 1 — Battery



- Use your fingers two push both latches away from each other to release the battery.
- Pull the battery out.

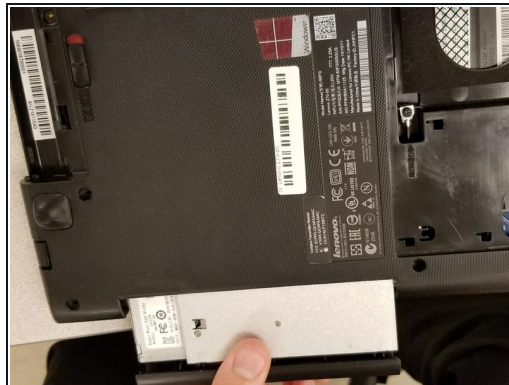
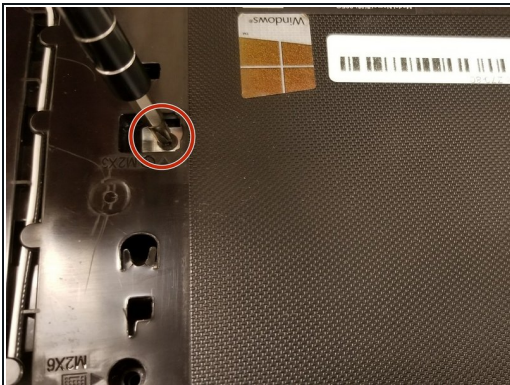


## Step 2 — Back Panel



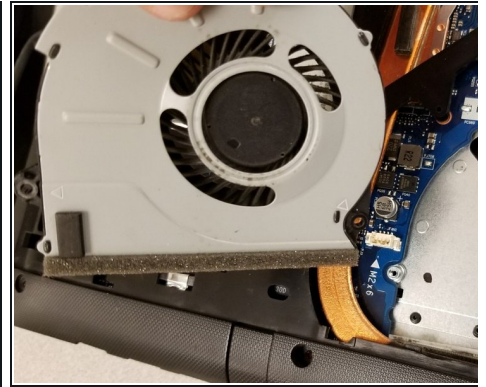
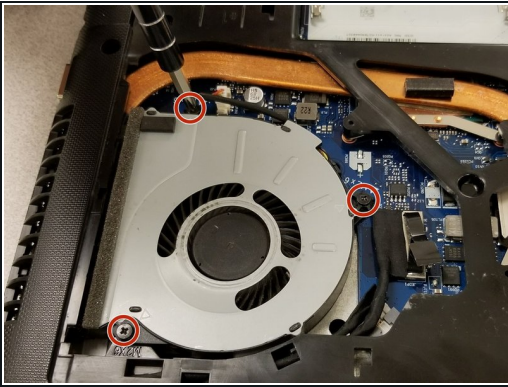
- Remove the two Phillips #0 screws from the bottom panel.
- Slide the panel down slightly, and then lift to pull it off.

## Step 3 — Optical Drive



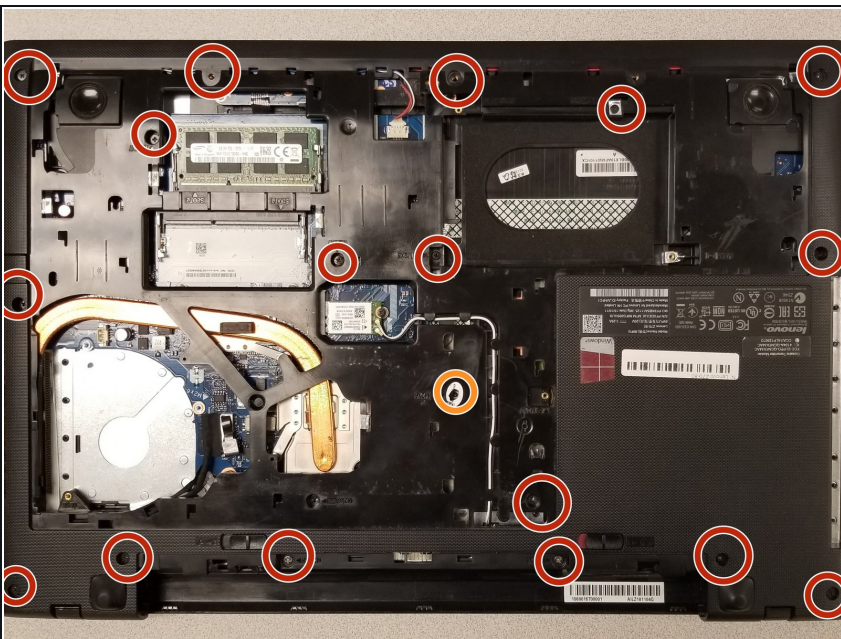
- Remove the single 3mm Phillips #0 screw from the optical drive.
- Pull the optical drive out of the side.

## Step 4 — Electric Fan



- Remove the three 6mm Phillips #0 screws from the fan.
- Disconnect the fan from the motherboard by pulling up on the plug.

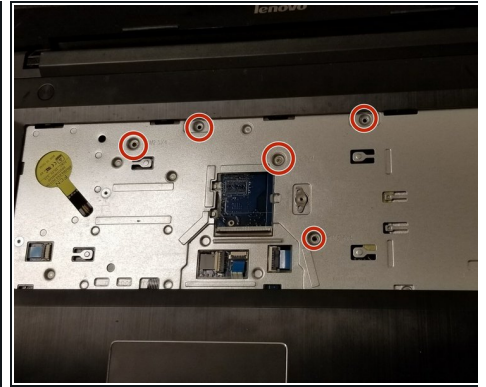
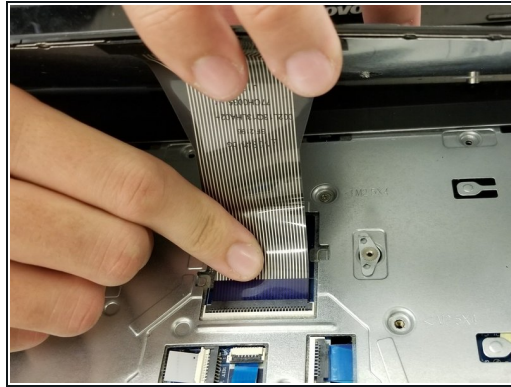
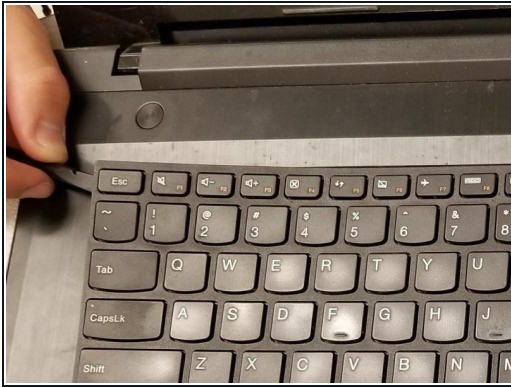
## Step 5 — Motherboard



- Remove all the 17 7mm Phillips #0 screws.
- A sticker covers this screw. Remove this sticker to remove the screw.
- Remove the back cover.

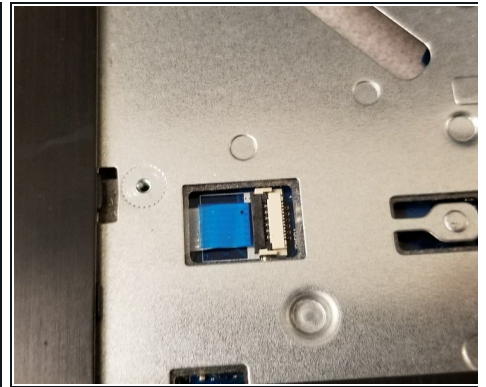
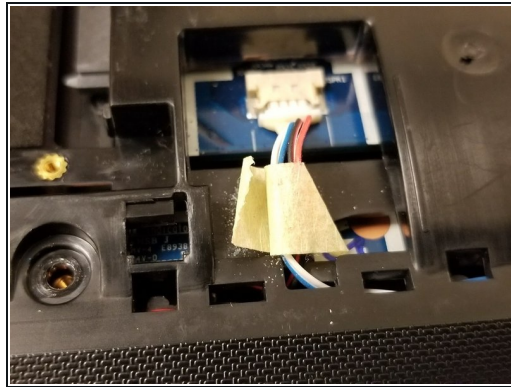
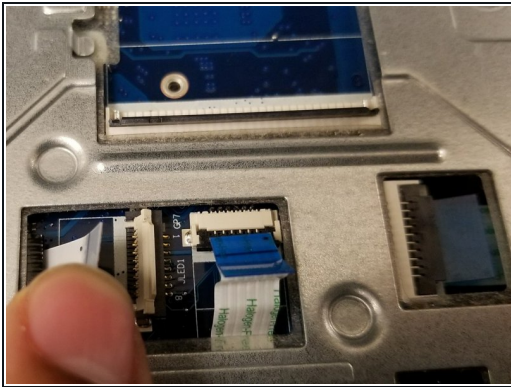


## Step 6



- Pry the edges of the keyboard upwards using a spudger.
- ⓘ A cable with a ZIF connector is attached to the bottom of the keyboard. Flip the small black tab on the connector for safe removal.
- Remove the five 3mm Phillips #0 screws.

## Step 7



- Remove all the ribbon cables and connectors from the front and back of the laptop.
- ⓘ Remember to flip the small black tabs on ZIF connectors for safe removal.

## Step 8



- Remove the 3mm screw and carefully pull out the cables from the hooks holding them in place.

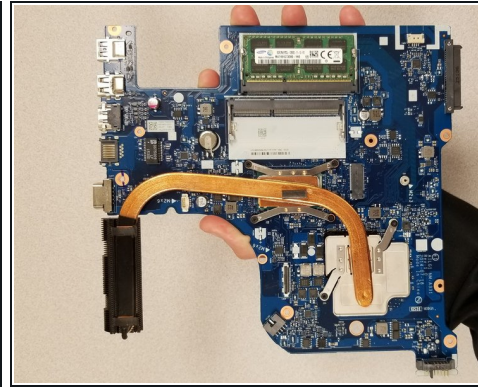
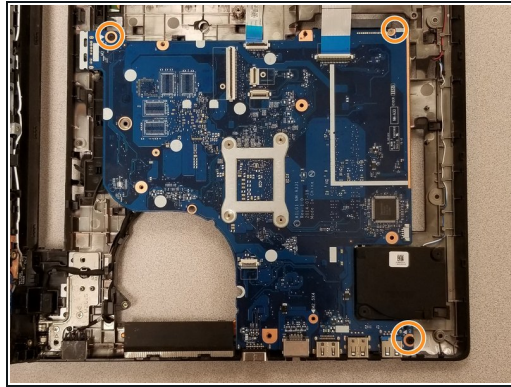
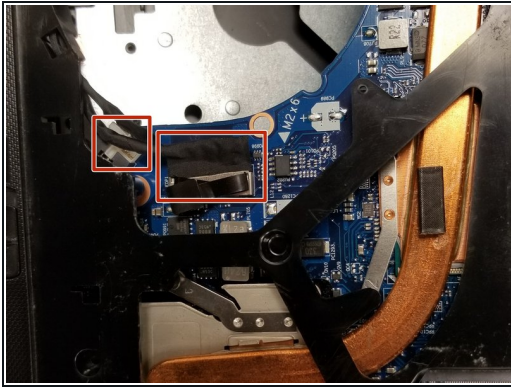
## Step 9



- Use a spudger at the edges of the laptop cover to carefully pry upwards, removing the cover.



## Step 10



- Unplug the two black cables from the motherboard.
  - Remove the three 3mm screws from the motherboard.
  - Remove the motherboard.
- ⚠ Pick up the motherboard carefully by the edges.

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