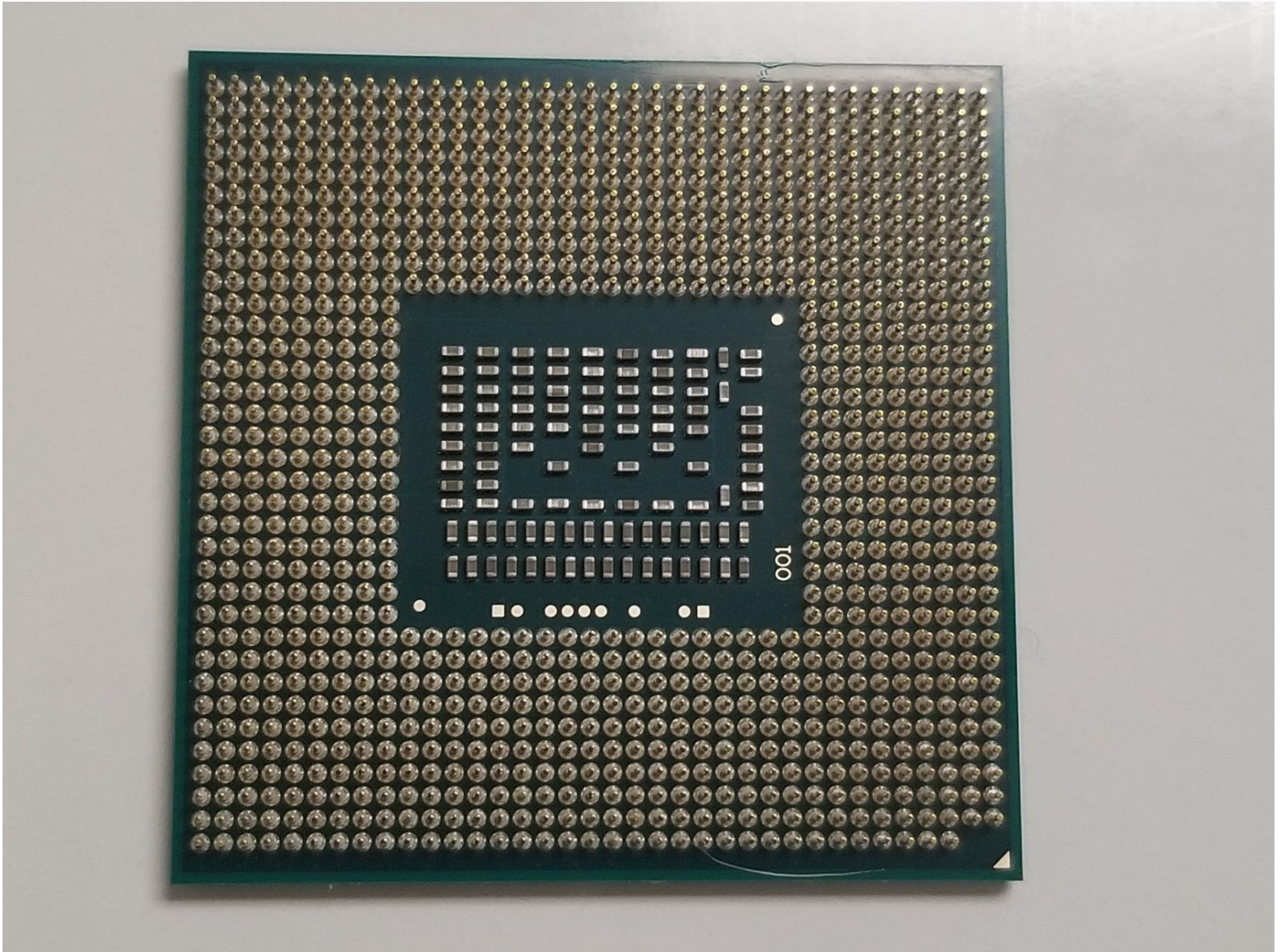




# Lenovo IdeaPad Y400 CPU Replacement

Use this guide to remove the CPU of your laptop.

Written By: Rachel Simmons



# INTRODUCTION

Use this guide to remove the CPU of your laptop.

## TOOLS:

[Phillips #0 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

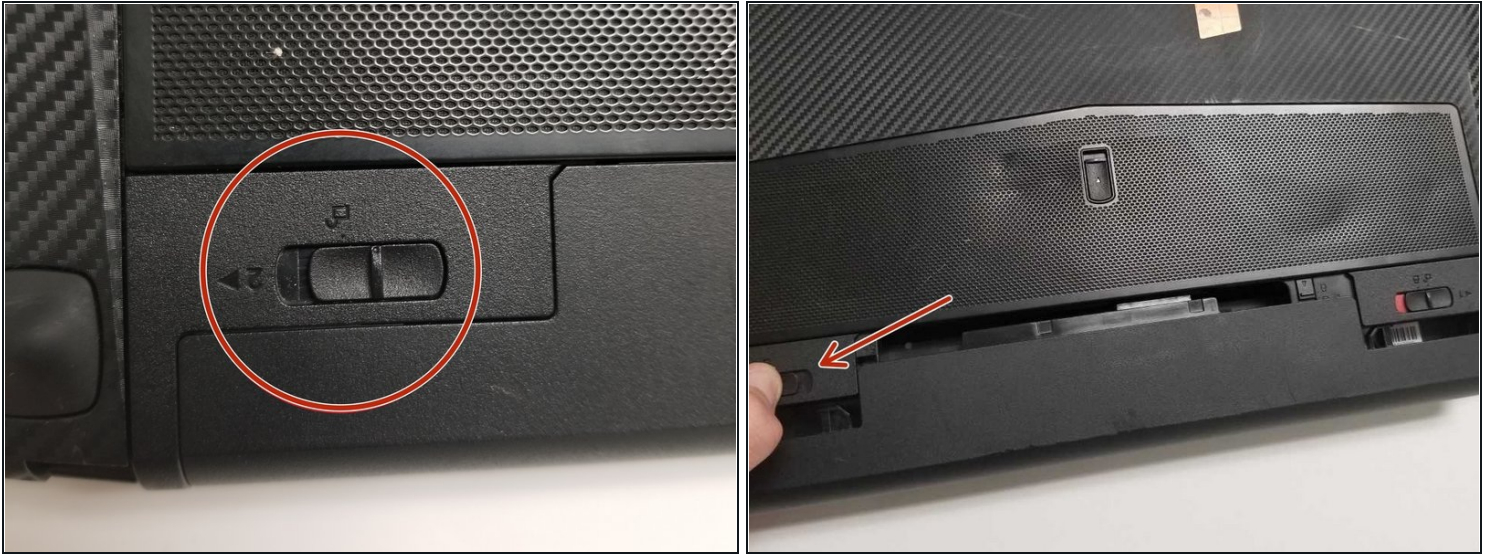
## Step 1 — Battery



- ☒ Make sure the laptop is upside down, then turn the laptop so that the battery is facing you. Now that the battery is facing you, there will be two locks, one on the left and one on the right.
- Slide the lock to the right until you can hear a "click". Once you hear this click, you should be able to see the color red.



## Step 2



- ★ Unlike the first lock, the left lock does not stay in place. You will need to hold it in place as you take the battery out.
- Slide the second (left) lock to the left and hold it there.

## Step 3



- Gently pull the battery out.

## Step 4 — Back Panel



- Remove the eight 9mm screws with a Phillips #0 screwdriver.

## Step 5



- Use the plastic opening tool to remove the back panel from the device.

⚠ Do not force the back off, as you may break the clips keeping it down.

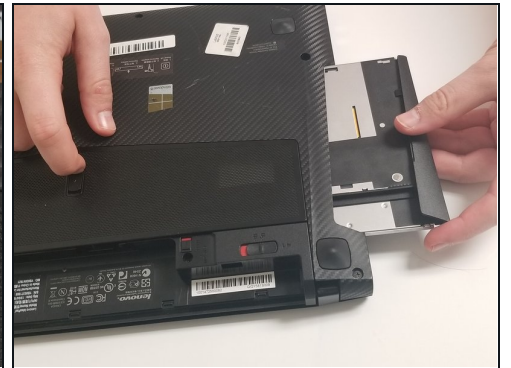


## Step 6 — Optical Drive



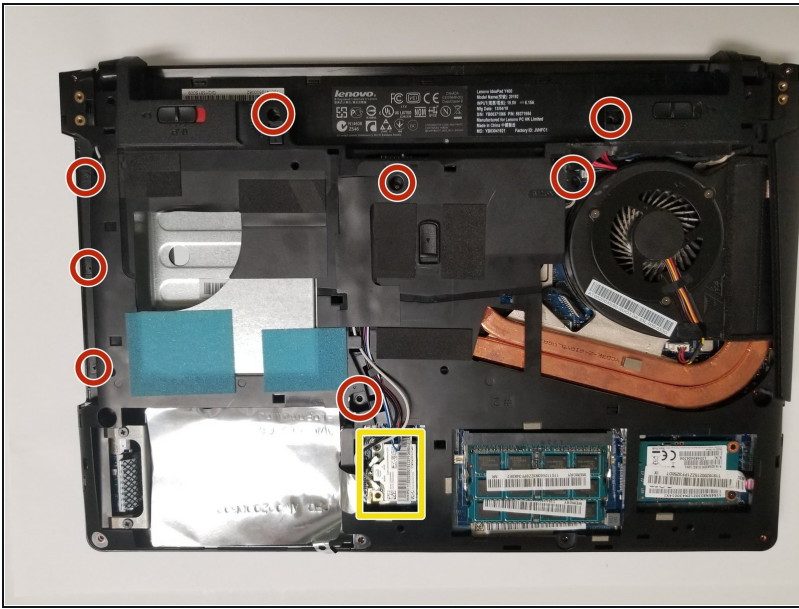
- Move the lock down until you see red and hear a slight click.

## Step 7



- Hold this lock down while removing the optical drive.

## Step 8 — Motherboard

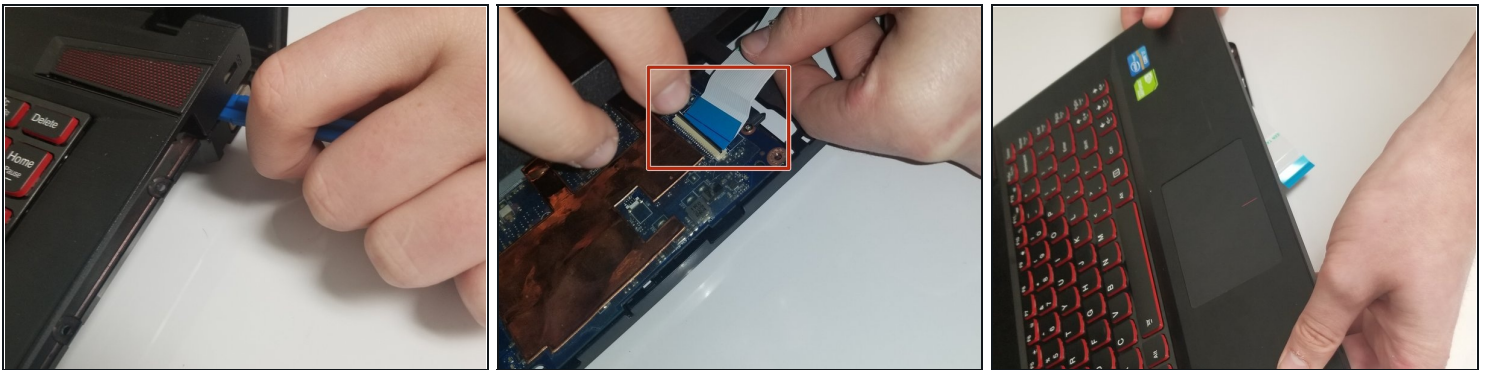


- Unscrew the screws using a Phillips #0 screwdriver.
- Unplug the wireless adapter to fully remove the motherboard.

⚠ If you don't want to break any of the parts you might want to take out the RAM, SSD, and the Hard Drive.

ⓘ Screw sizes will be 4mm and 9mm

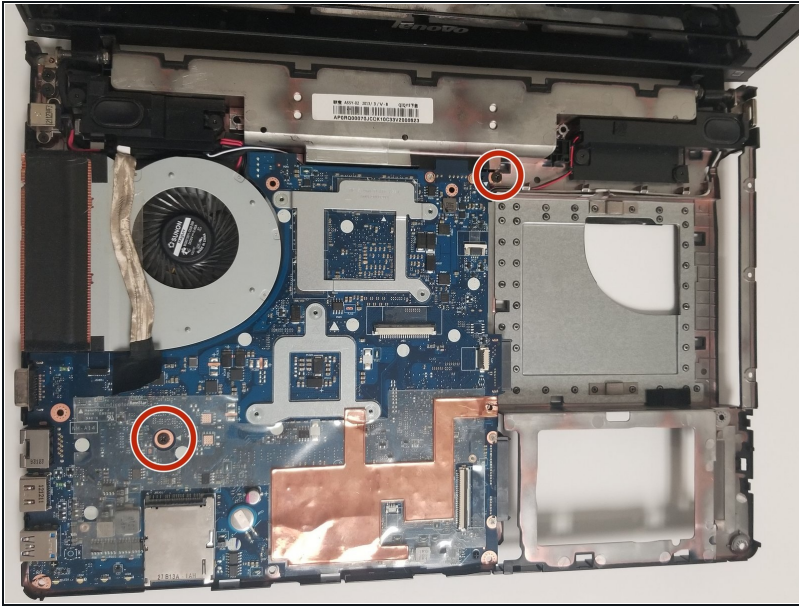
## Step 9



- Use the plastic opening tool to take off the front panel.
- Unplug the blue wire to remove the front panel.

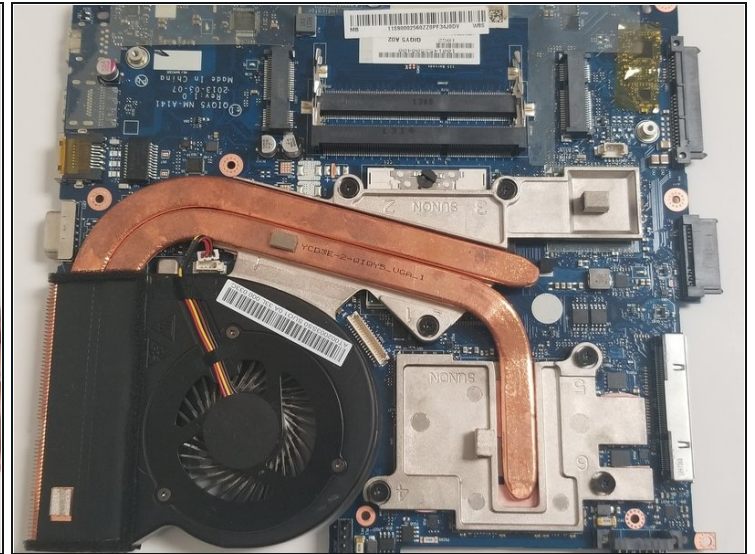
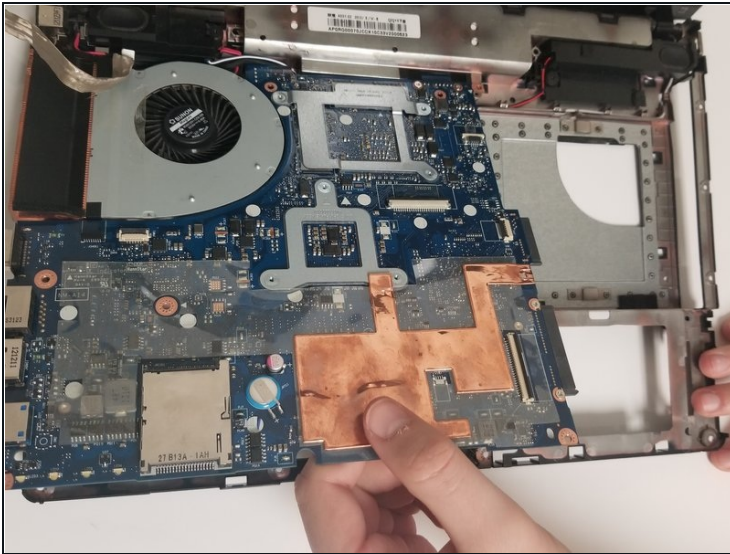


## Step 10



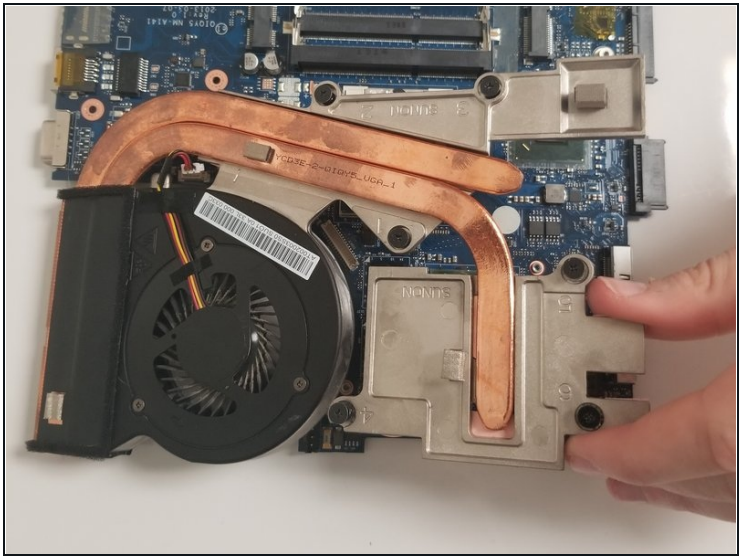
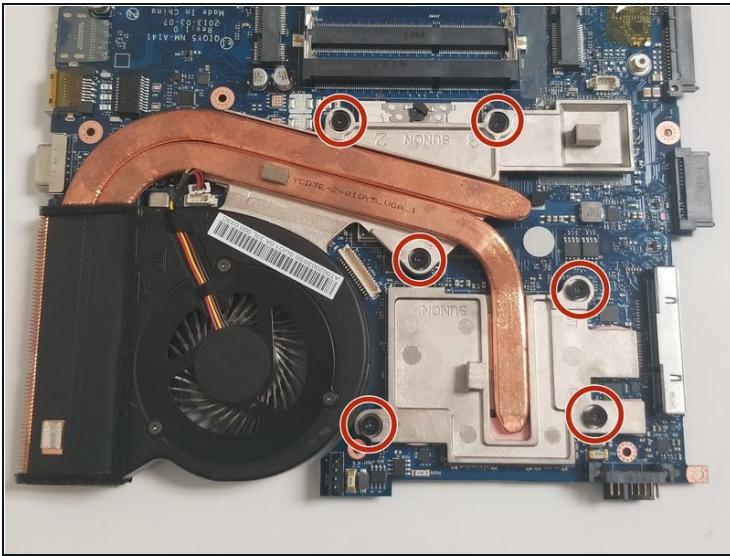
- Fully remove the front panel.
- Unscrew the 9mm and 4mm screws (there is one of each screw).

## Step 11



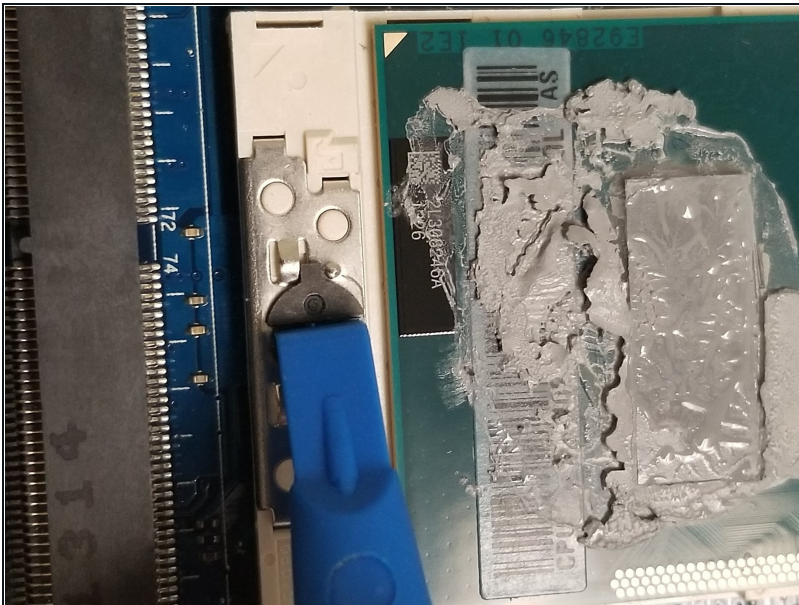
- After unscrewing the screws, remove the motherboard.

## Step 12 — CPU



- Unscrew the six screws using a Phillips #0 screwdriver.
- ⚠ These do not come out, do not try and force them out.
- After you are done unscrewing them, remove the heatsink.

## Step 13



- To take the CPU off you will need to unlock it, use the plastic opening tool to unlock the CPU. Turn it to the left until it is unlocked.
- ⓘ The lock will look like a small circle with a gap in the middle.
- ⚠ If you get thermal paste (the grey goopy looking stuff) on your hands, make sure to wash it off with warm water.



## Step 14



- Gently take the CPU out.

⚠ Make sure not to bend the golden pins.

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