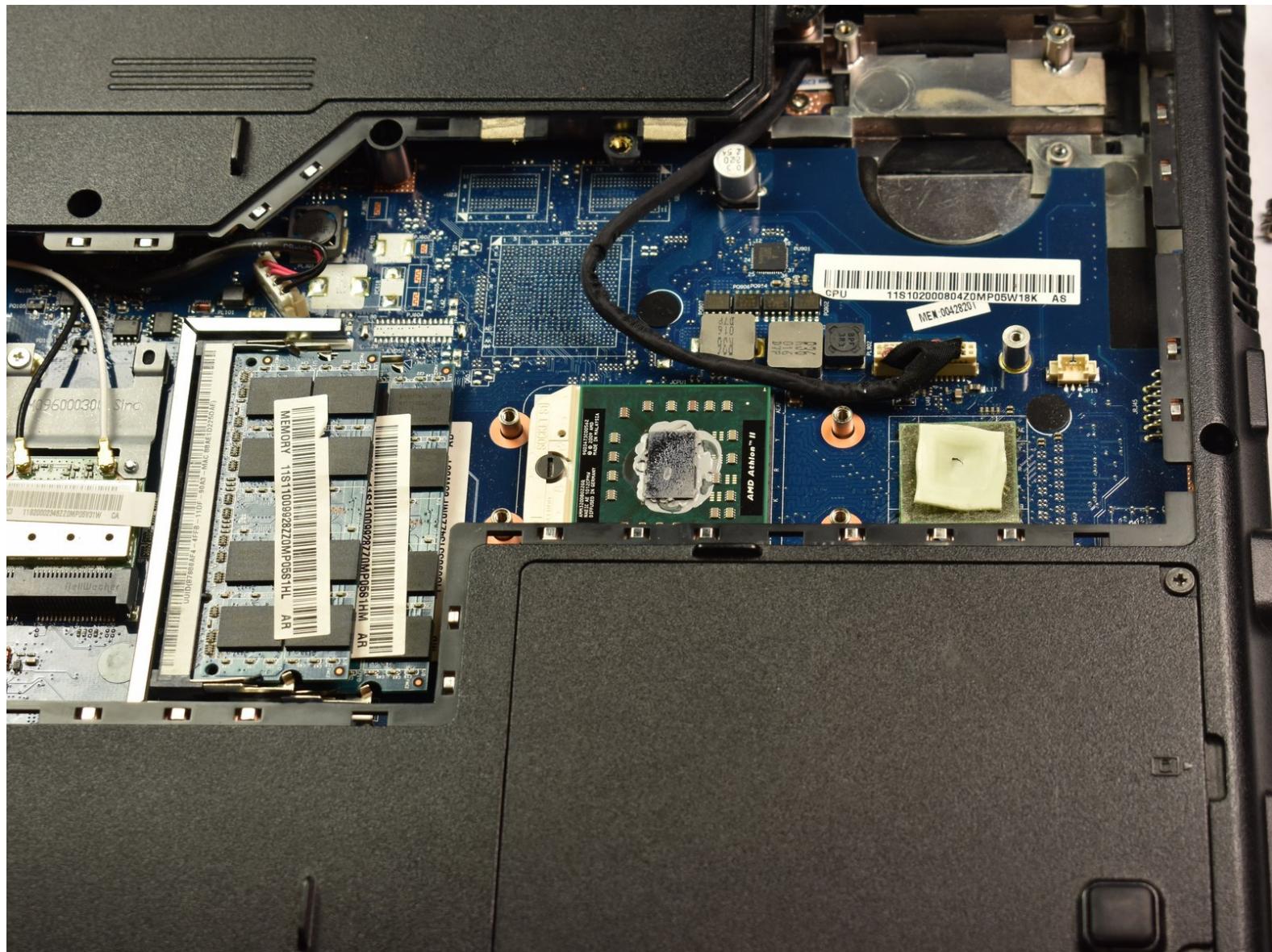




# Lenovo Essential G555-0873 CPU Replacement

This guide will detail how to remove and replace the CPU (Core Processing Unit).

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## INTRODUCTION

Use this guide to replace the CPU in the Lenovo Essential G555-0873. This requires removing the back panel, removing the fan, and removing the heat sink. The only tool you need to complete these steps is the screwdriver listed below.

### TOOLS:

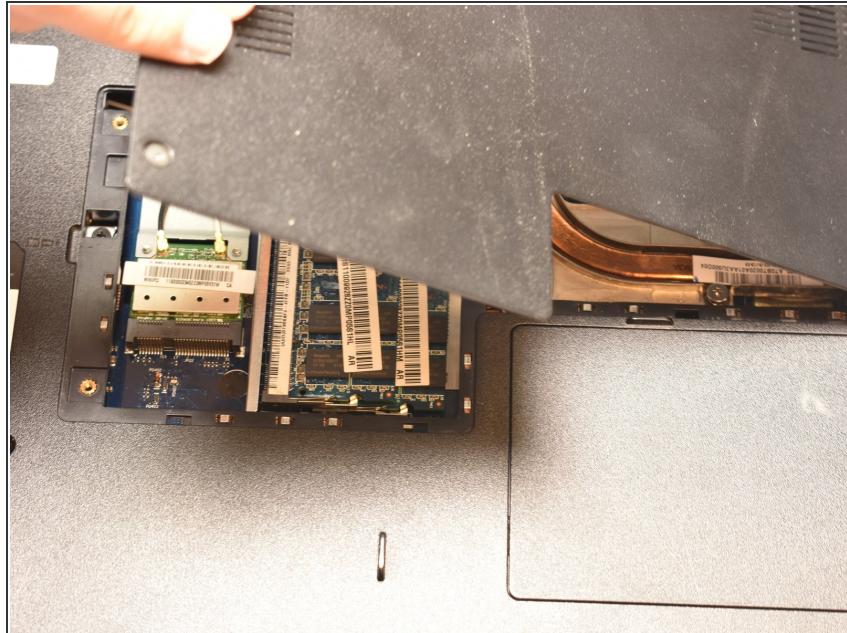
- [Phillips #0 Screwdriver \(1\)](#)
- [Flathead Screwdriver \(1\)](#)
- [Microfiber Cleaning Cloths \(1\)](#)

## Step 1 — Bottom Panel



- Unscrew the two 5.1 mm screws that secure the bottom cover.
- (i)* Note that the screws will not come all the way out of the sockets.

## Step 2



- Lift from the notch until the back panel comes up.

## Step 3 — Fan



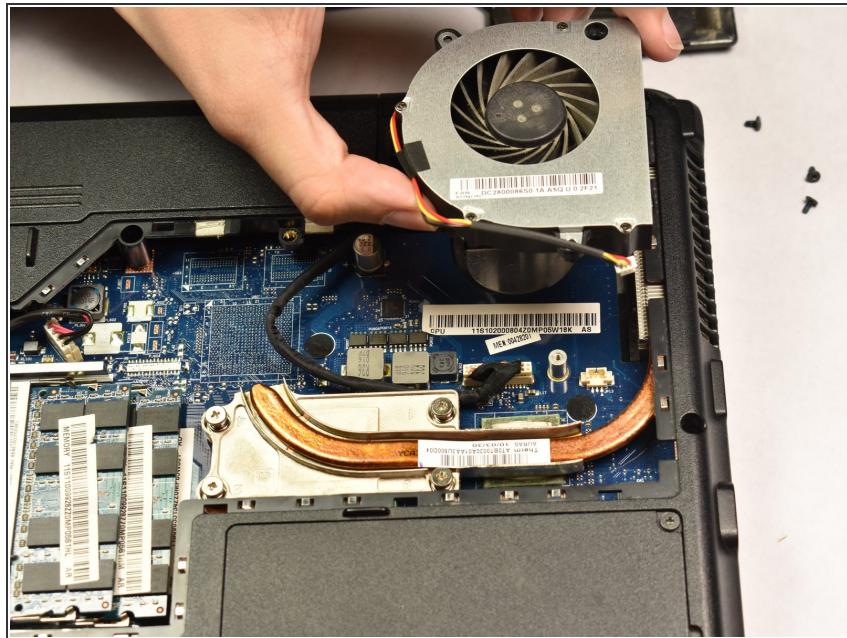
- Disconnect the fan from the motherboard by pulling the plug shown in the picture.

## Step 4



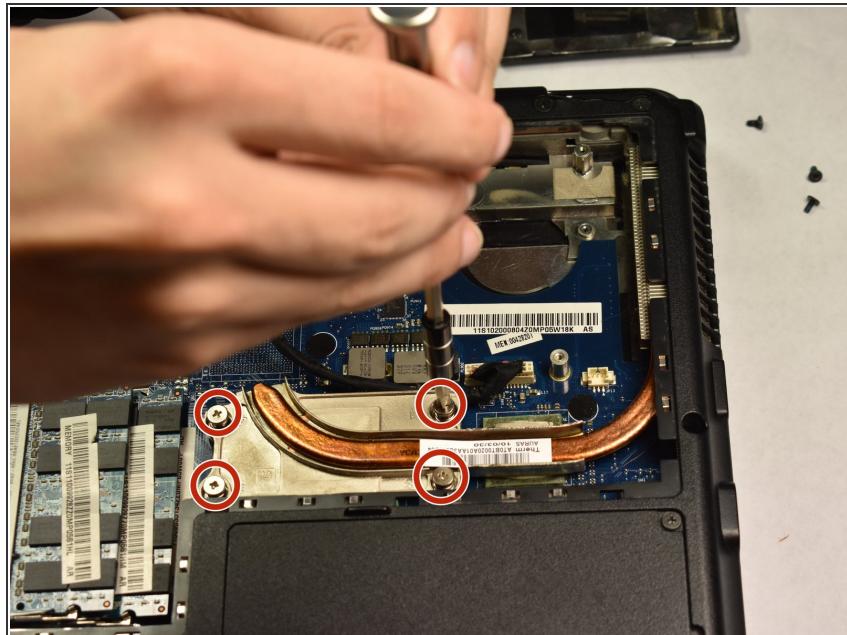
- Unscrew the three 4.6mm screws shown in the picture.

## Step 5



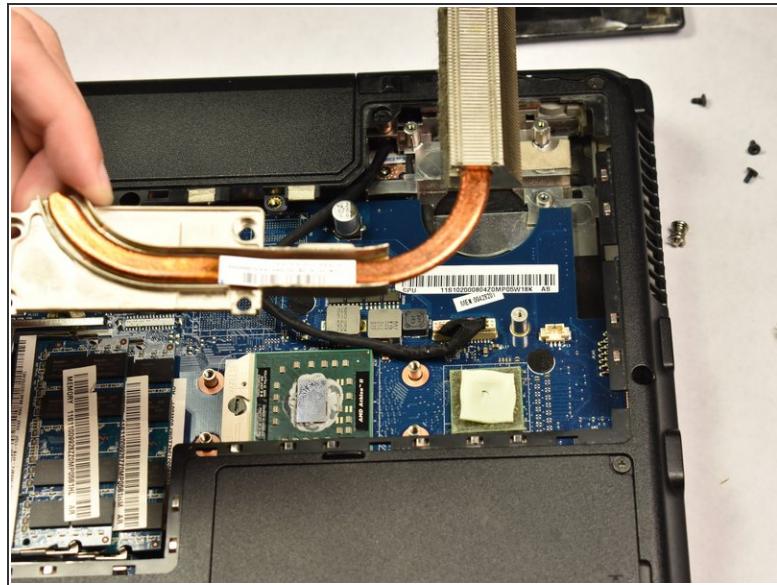
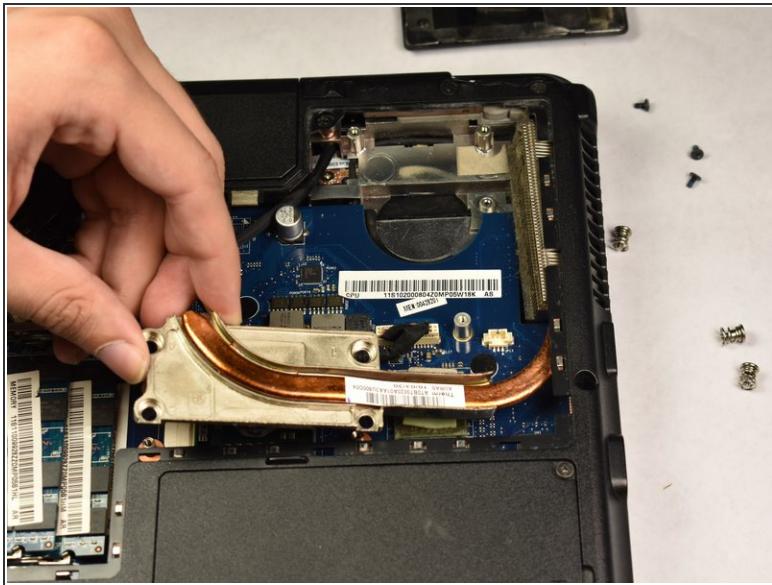
- Gently lift the fan straight up until it is lifted out of the case.

## Step 6 — Heat Sink



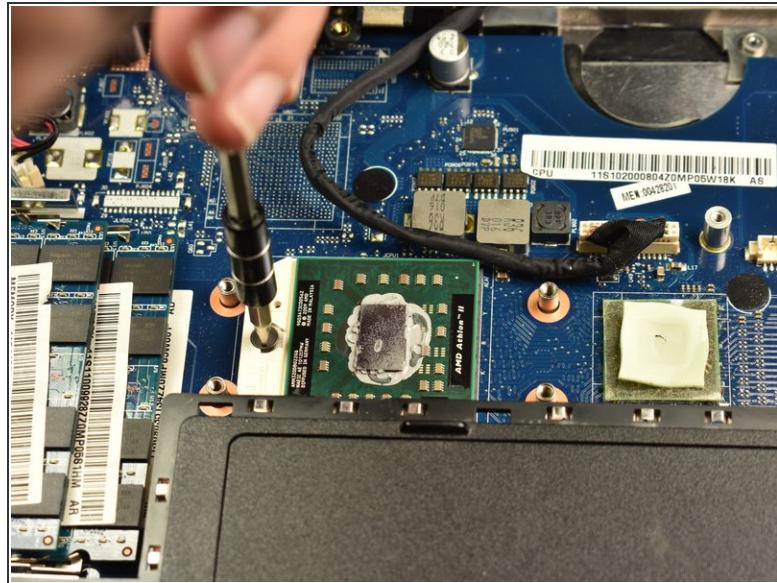
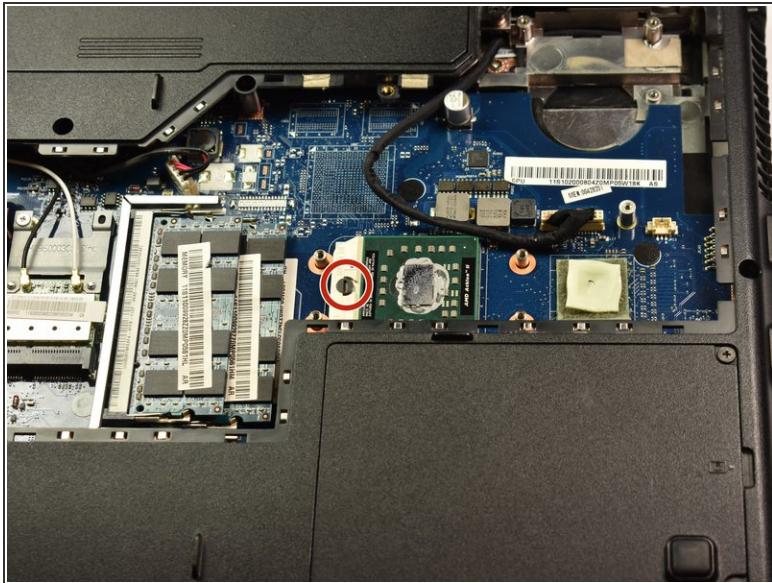
- Unscrew the four 7.3 mm screws shown in the picture.
- *(i)* Note that springs are attached to the screws. Do not remove the springs.

## Step 7



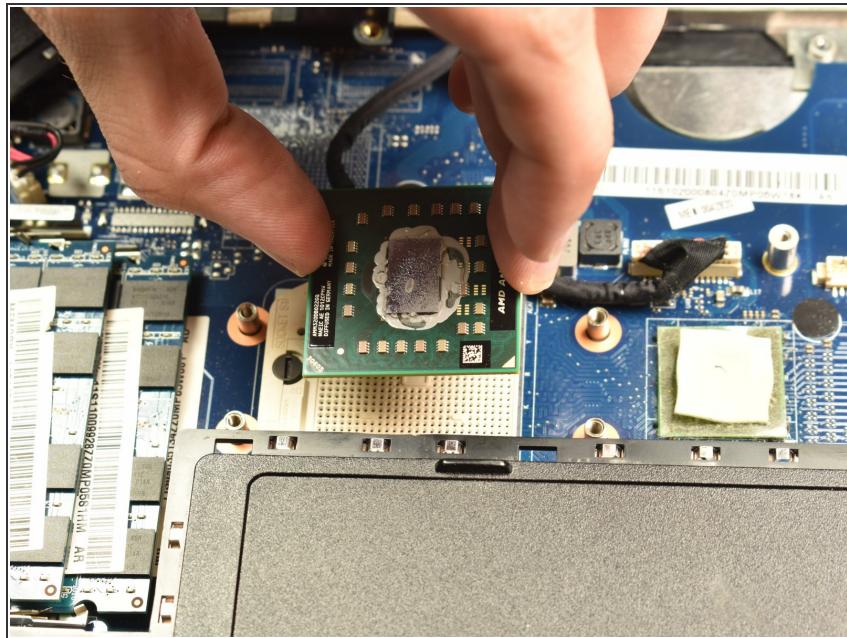
- Pull the heat sink assembly out of the laptop.

## Step 8 — CPU



- Use a flat-head screwdriver on the hinge shown, and turn counter-clockwise to the unlock position

## Step 9



- Remove the CPU
- ➡ There will be old thermal paste on the CPU and heat sink which should be wiped off using microfiber cloth.
- ➡ Before putting the heat sink back in, a small droplet of thermal paste should be applied onto the center of the CPU.

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