



Compaq Presario CQ62-215dx CPU Replacement

How to replace a Compaq Presario CQ62-215dx CPU.

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INTRODUCTION

The processor or CPU is the brains of your Compaq Presario CQ62-215dx. Over time it's functions are overloaded, leading to overheating due to poor power flow or even failing completely. CPUs burn out often, but some can also be replaced.



TOOLS:

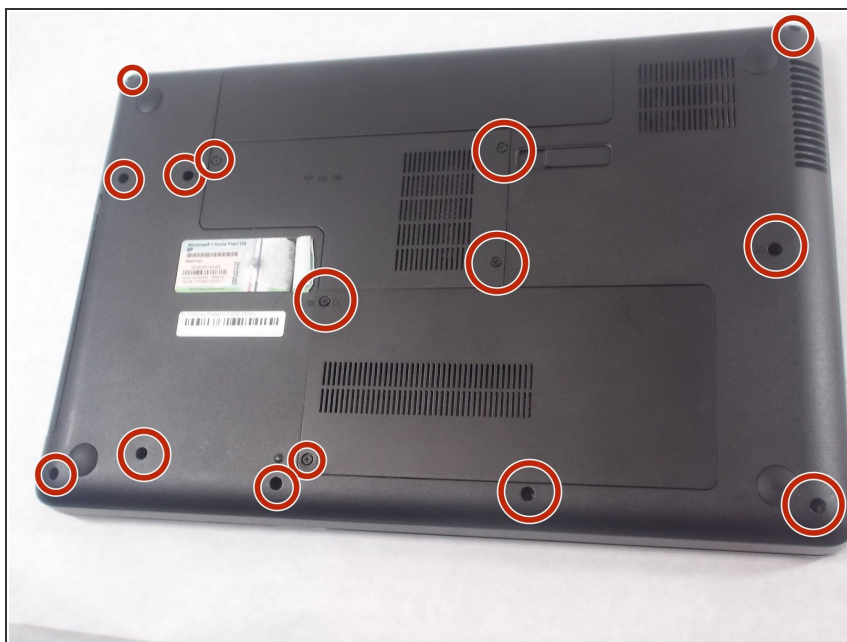
- [Phillips #00 Screwdriver](#) (1)
- [Metal Spudger Set](#) (1)
- [Soldering Iron](#) (1)
- [Soldering Tweezers](#) (1)



PARTS:

- [AMD Phenom II x4 Desktop Processor](#) (1)

Step 1 — CPU



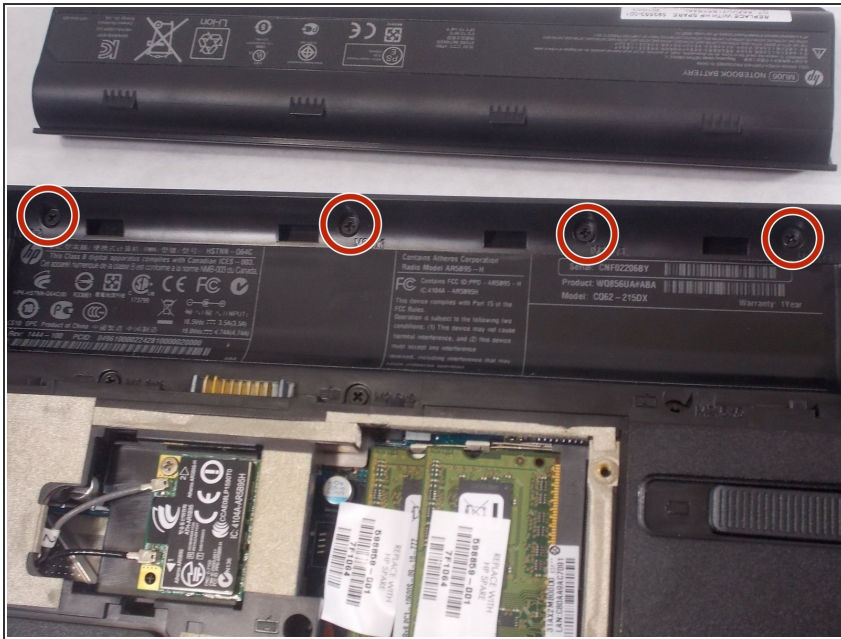
- Turn the laptop upside down.
- Remove all the 3.0mm Phillips #00 screws from the back cover.

Step 2



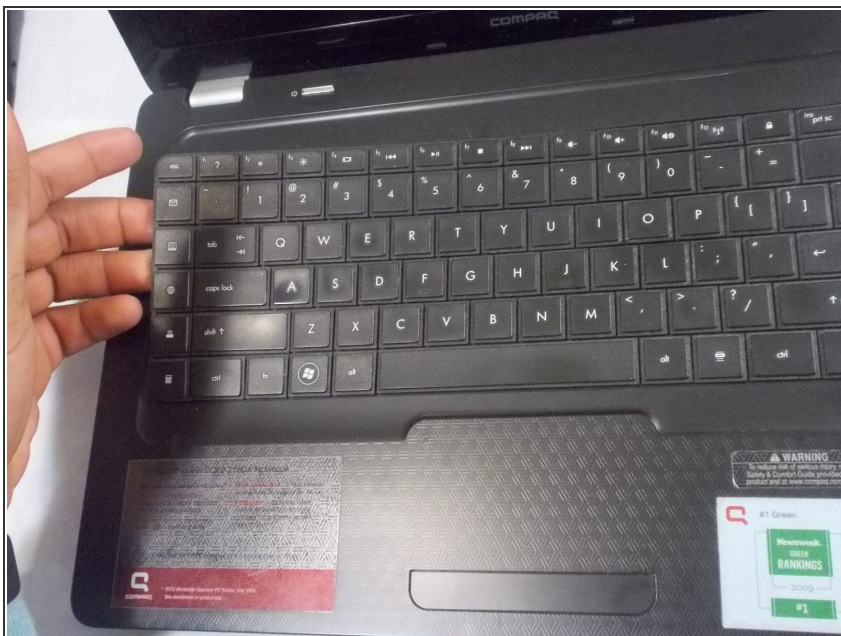
- Remove the battery, RAM, and hard drive.

Step 3



- Remove four 1.2mm Phillips #00 screws under the battery.

Step 4



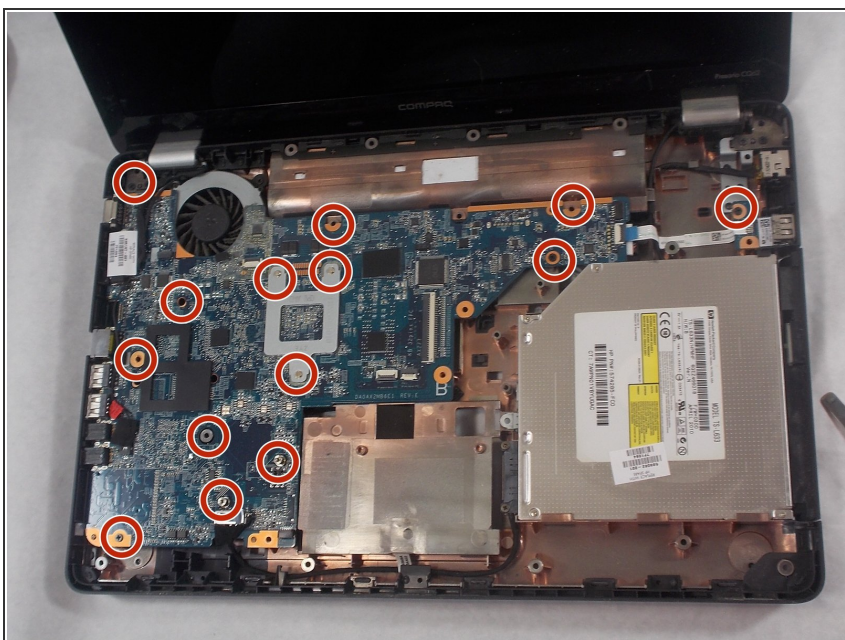
- Turn the laptop over, and open the laptop cover.
- Use a spudger or your hand to carefully remove the keyboard.

Step 5



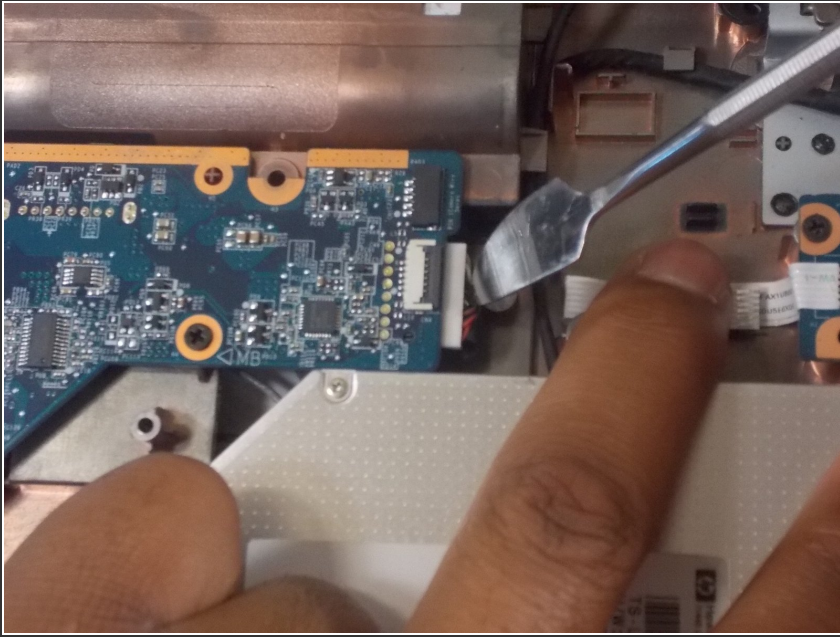
- Use a spudger or your hand to lift the outside frame from the corner of the laptop.

Step 6



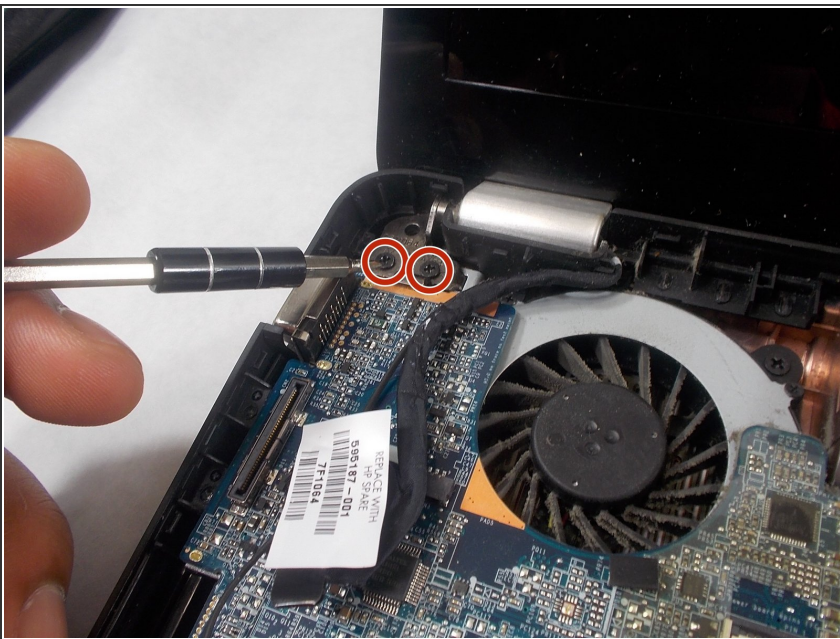
- Remove all the 1.2mm Phillips #00 screws from the motherboard and in the top corner that secures the fan.

Step 7



- Unplug the wires connected to the motherboard with a spudger.

Step 8



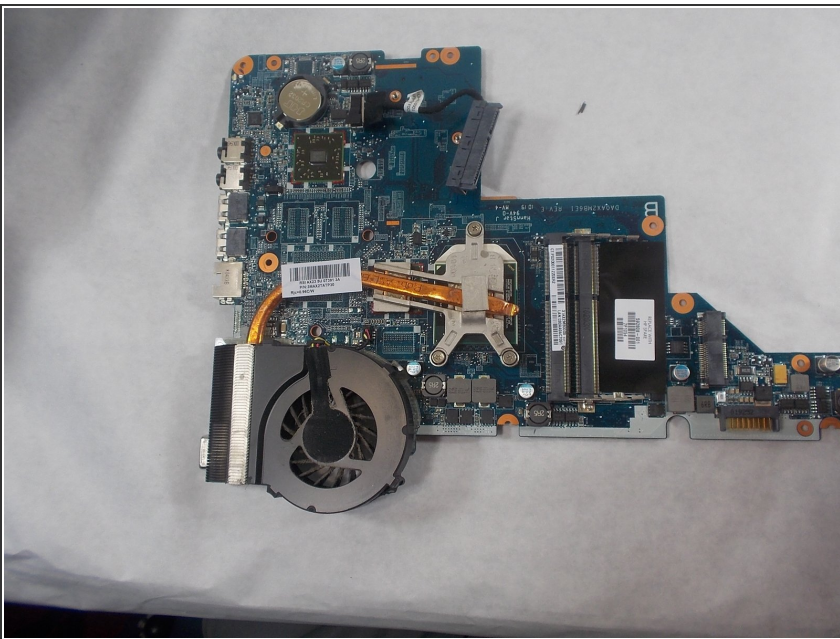
- Remove the two 3mm Phillips #00 screws beside the fan.

Step 9



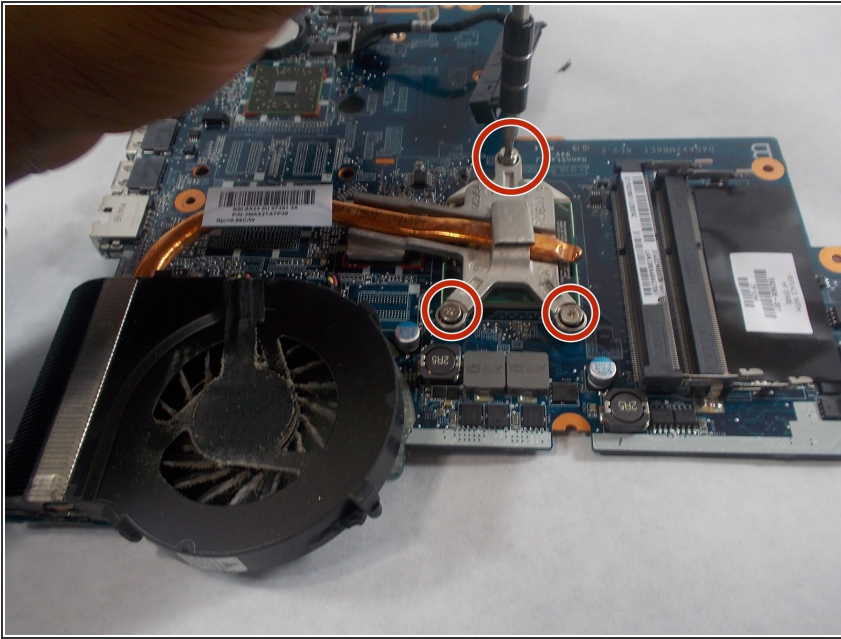
- Lift the motherboard out carefully.

Step 10



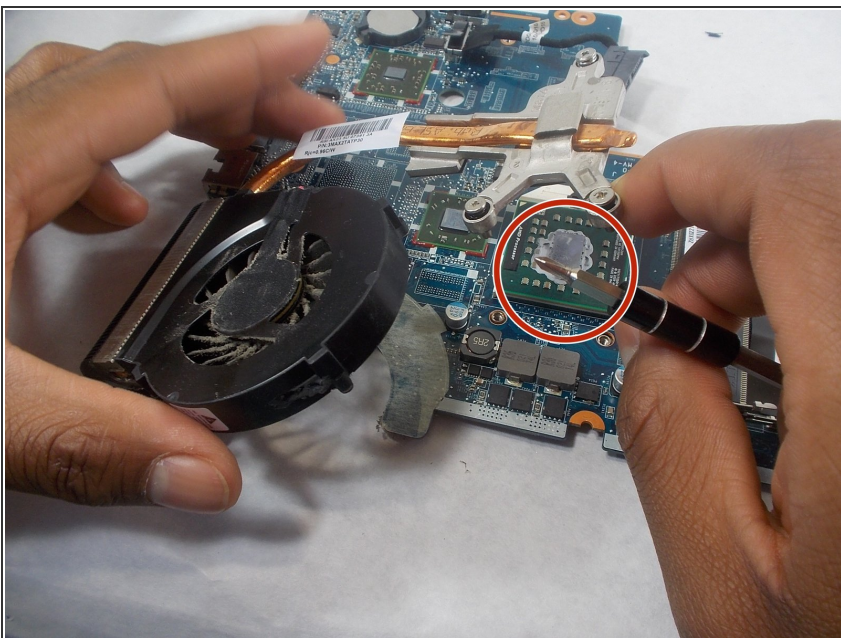
- When the motherboard is removed, flip it over, and you will have a view just like in the picture.

Step 11



- Use the Phillips #00 screwdriver to remove the three 2mm screws that connect the fan to the CPU.

Step 12



- Remove the fan from the motherboard.
- ☑ When reassembling, you will need to solder the fan back on to the CPU.

Step 13



- Use the metal spudger to twist the lock tab on the component.

Step 14



- ☑ Remove current CPU and replace with new component.

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