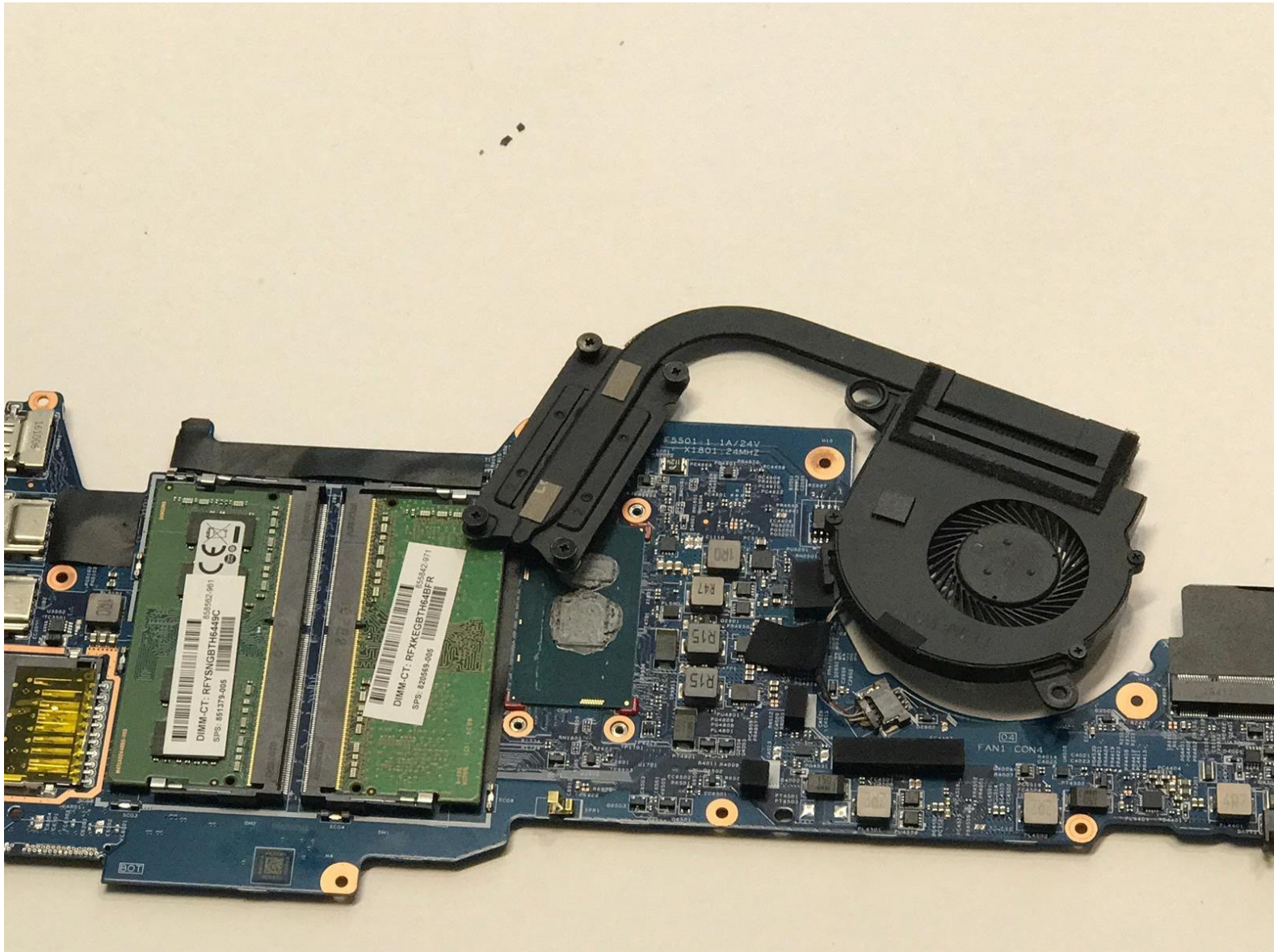




HP Pavilion x360 m3-u101dx Processor Replacement

This guide will aid in replacing the CPU within your HP Pavilion x360 m3-u101dx laptop.

Written By: Adrse Fazelyar



INTRODUCTION

Use this guide if you want to upgrade the processor inside your HP Pavilion x360 m3-u101dx laptop to improve the performance.

The processor is what runs your laptop, and it is one of the most vital parts to all computers. Slow performance of a computer can sometimes be caused by a faulty processor, which is very difficult to repair on your own.



TOOLS:

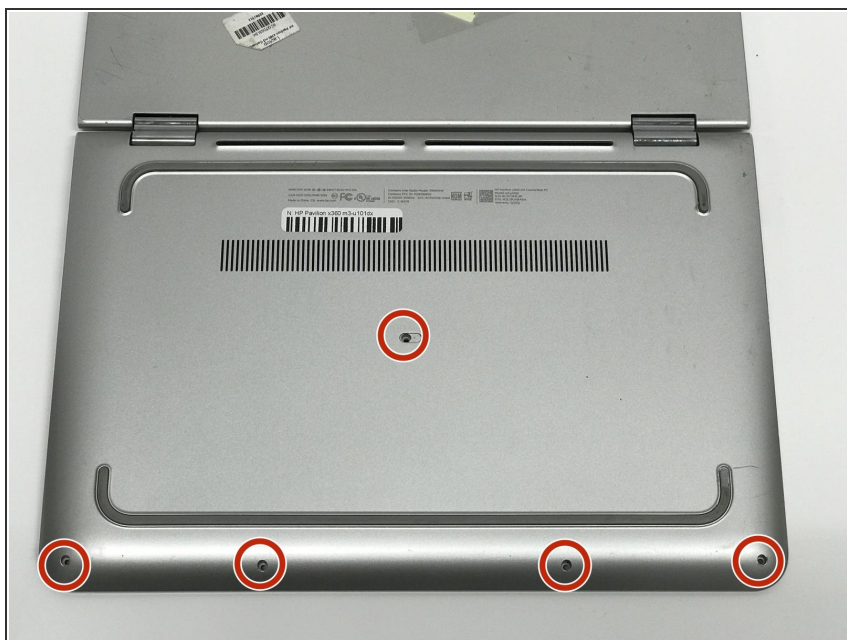
- [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Thermal Paste](#) (1)
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Step 1 — Keyboard Panel



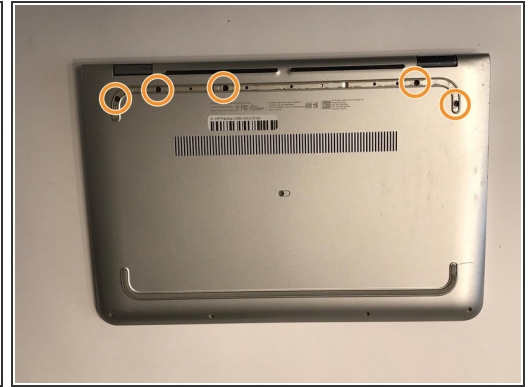
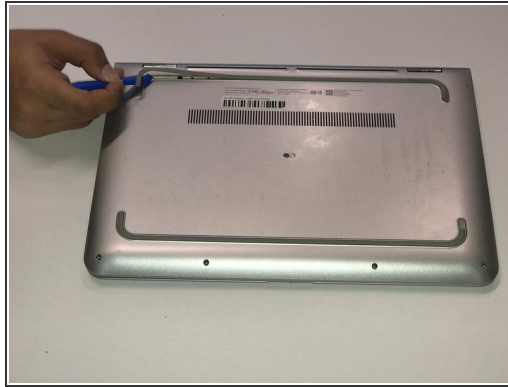
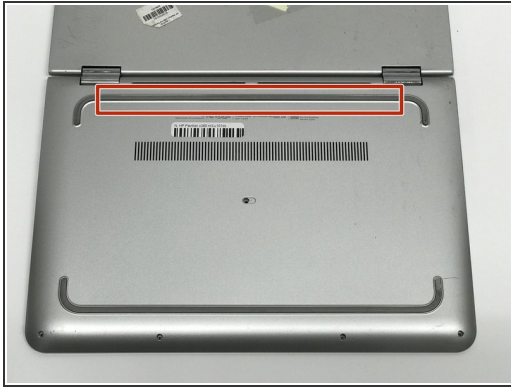
- Flip the laptop over so that the bottom of the laptop is facing up.

Step 2



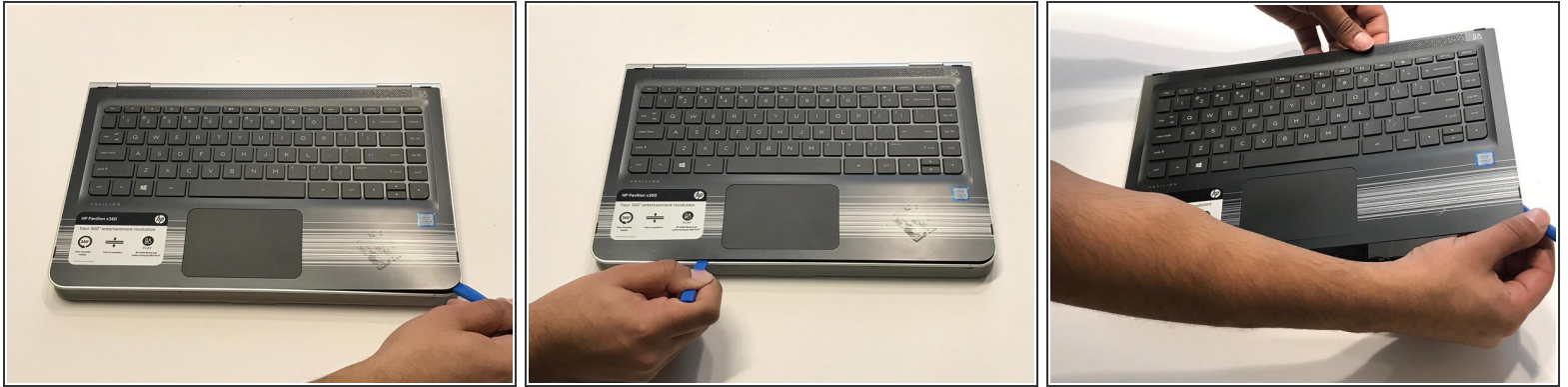
- Remove five 1.4mm Phillips #1 screws from the bottom of the laptop.

Step 3



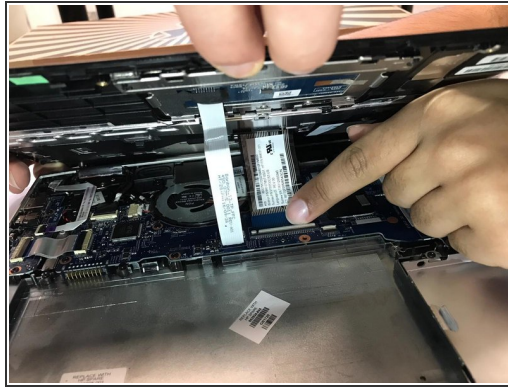
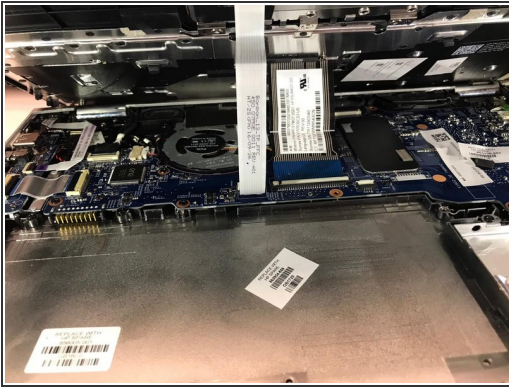
- Remove the rubber grip using a plastic opening tool.
- Remove five 1.7mm Phillips #1 screws.

Step 4



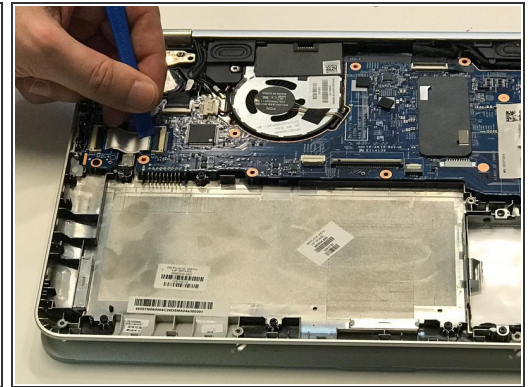
- Lift open the laptop screen and flip it around so that the keyboard is facing up.
 - Insert a plastic opening tool into one of the corners to create a gap between the bottom panel and the keyboard panel.
 - Guide the plastic opening tool around the perimeter of the panel to detach all the clips that are supporting it in place.
- ⚠ Do not pull the panel off by one corner as it can cause damage to the plastic.
- Detach the keyboard panel from the frame.
- ⚠ There are two ribbon cables attached to the keyboard and trackpad so do not pull the keyboard panel away until you disconnect these ribbons in the next step.

Step 5



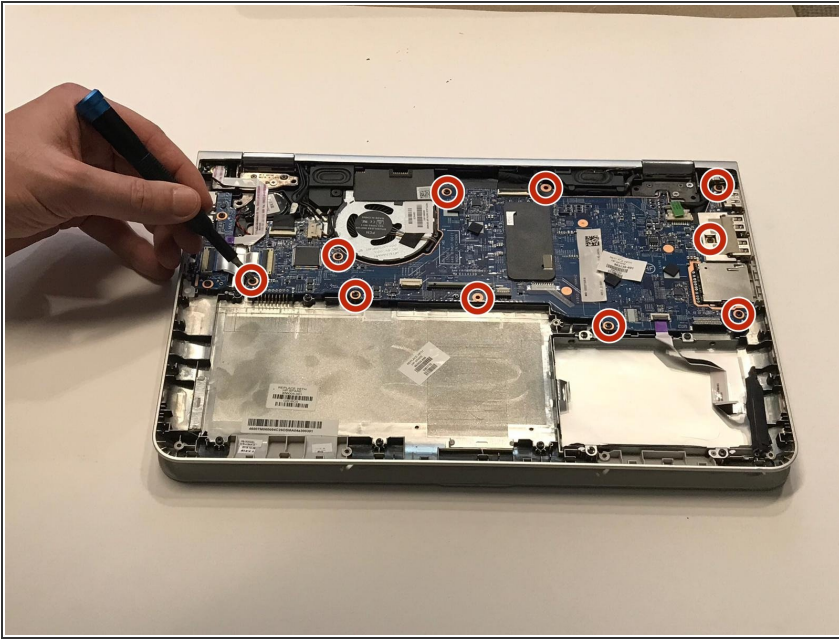
- Remove the two ribbon cables connected to the inside of the laptop by using a finger to lift up on the latches.
- Remove the keyboard panel from the rest of the laptop.

Step 6 — Motherboard



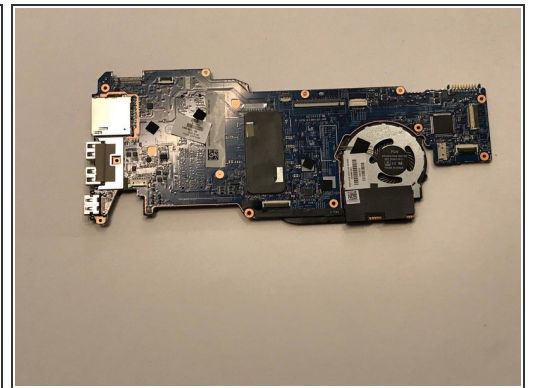
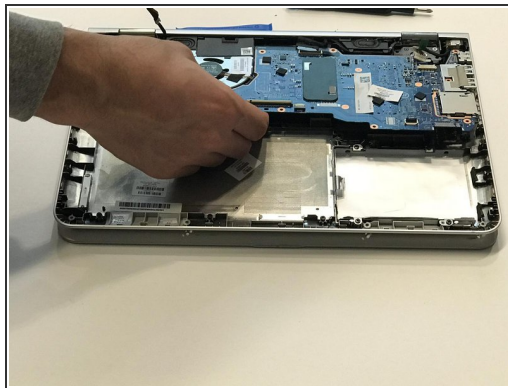
- i** The component that you **MUST** disconnect first is the battery to prevent any power that might be stored in the the computer even if it is shutdown.
- Use a plastic opening tool to lift the battery cable out from the motherboard.
- Disconnect the seven ribbon cables connected to the motherboard using a finger or plastic opening tool.
- i** You can work from left to right from the battery to ensure no cables are missed.

Step 7



- Remove the ten 1.2mm Phillips #1 screws that hold the motherboard into the frame of the laptop.

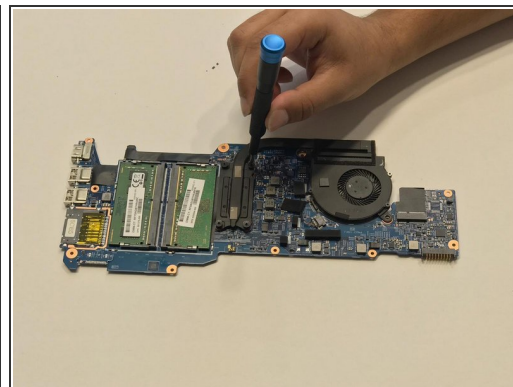
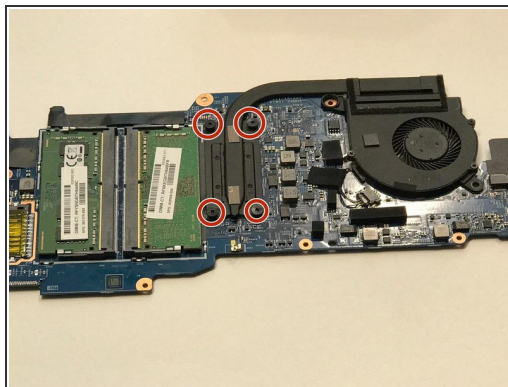
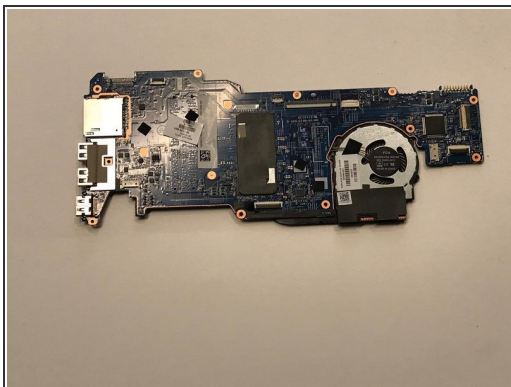
Step 8



- Remove the motherboard by lifting it up and pulling it out.

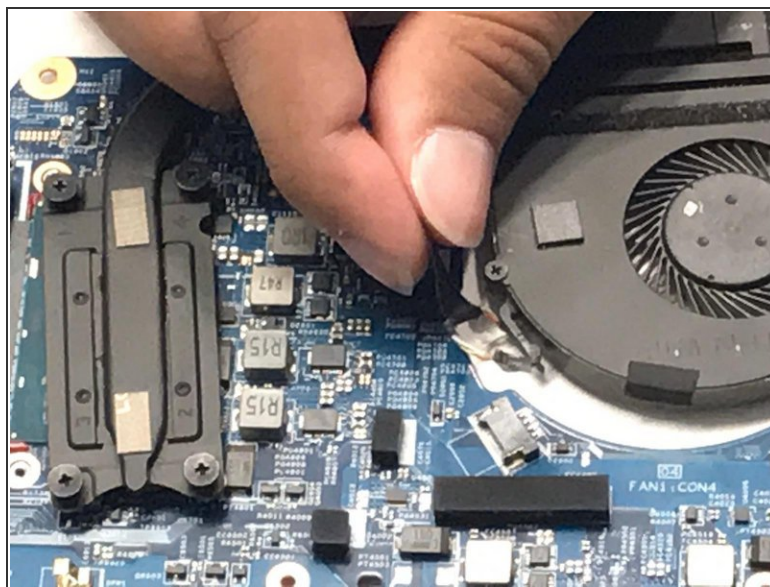
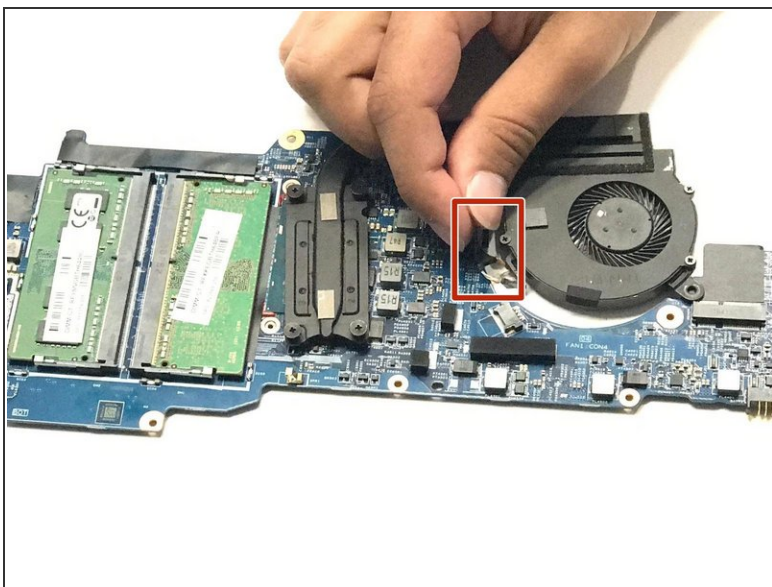
⚠ DO NOT force it out if the motherboard appears to be stuck. Track back and see what is preventing the motherboard from being removed (i.e. cable or screw) to prevent any damage to other components.

Step 9 — Processor



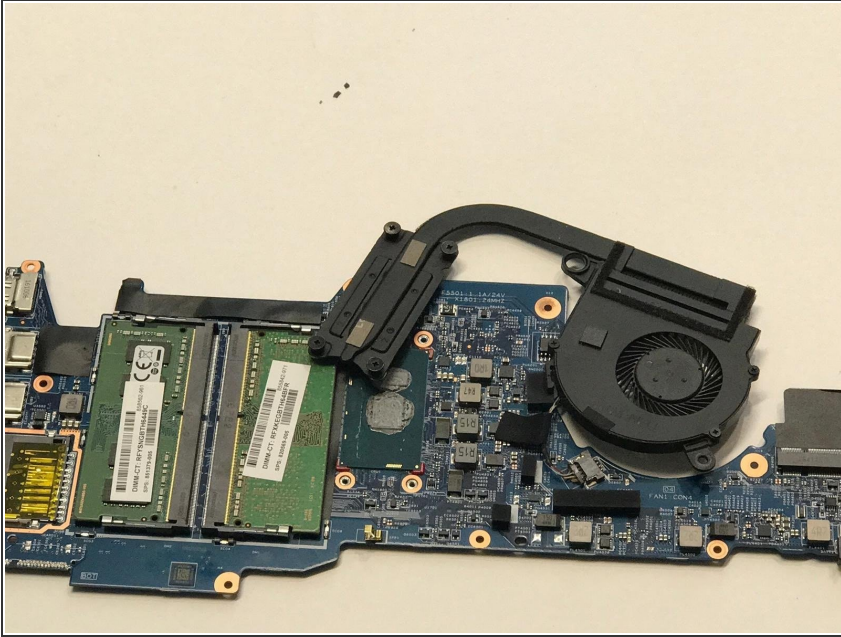
- Use the Phillips #1 screwdriver to remove the screws from the fan.

Step 10



- Gently detach the fan cable with your hands.

Step 11



- Remove a hidden screw on the CPU and remove the CPU from the motherboard.
- ☑ When replacing the CPU, make sure to align the notch pins correctly, and put the screw back in place.
- ☑ Add thermal paste on top of the middle of your new CPU.

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