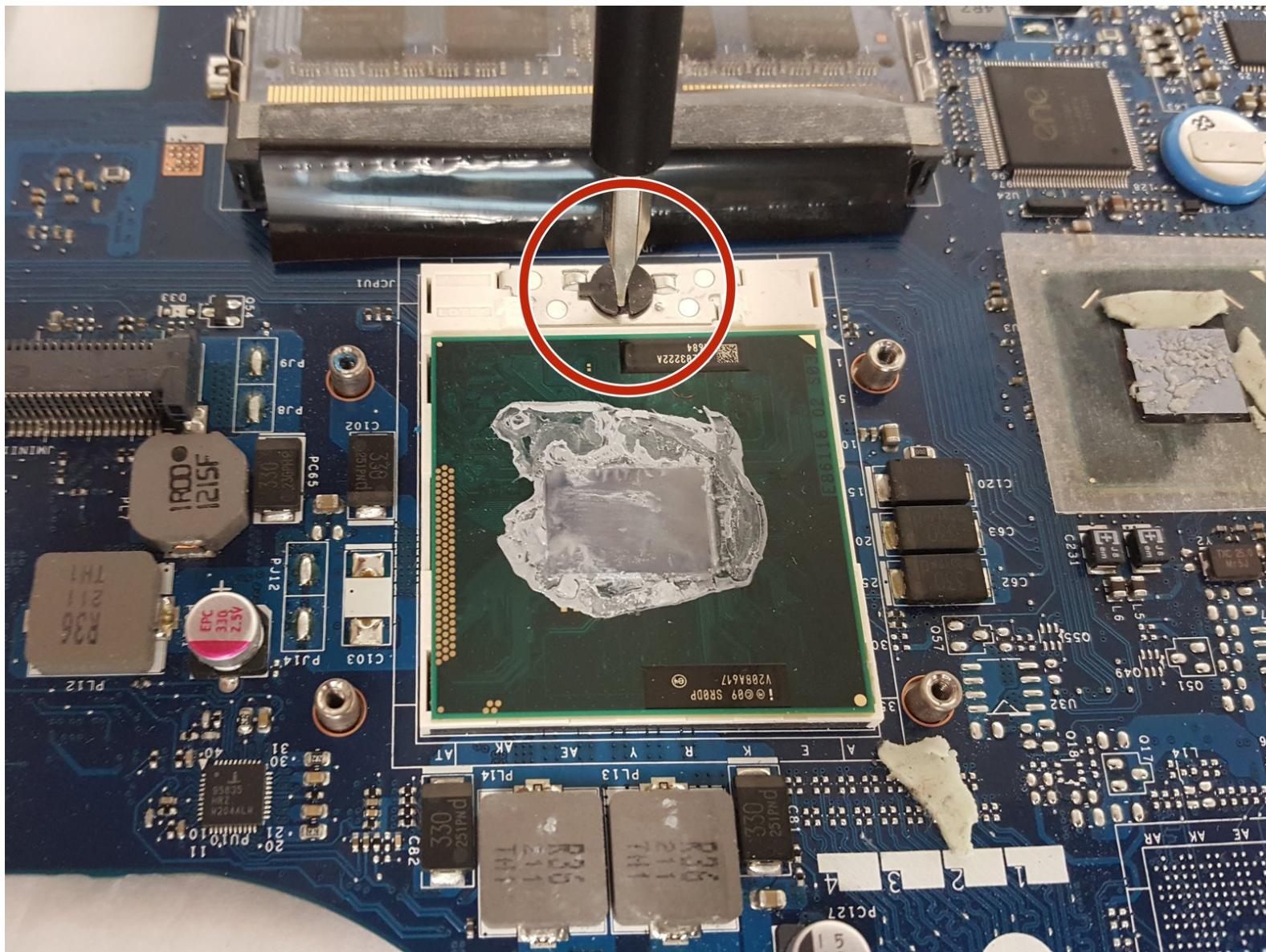




Acer Aspire TimelineX 4830T-6682 CPU Replacement

Use this guide to replace the CPU in your Acer Aspire TimelineX 4830T-6682

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INTRODUCTION

The CPU is not a common failure component, but may fail due to a failed cooling fan that caused it to overheat.

This guide provides simple steps to replace the CPU on the Acer Aspire TimelineX 4830T-6682 using minimal tools that can be acquired locally, or through iFixit. Please make sure and follow the prerequisite procedures.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tweezers](#) (1)
- [2.5 mm Flathead Screwdriver](#) (1)
- [Spudger](#) (1)

Step 1 — Lower Back Panel



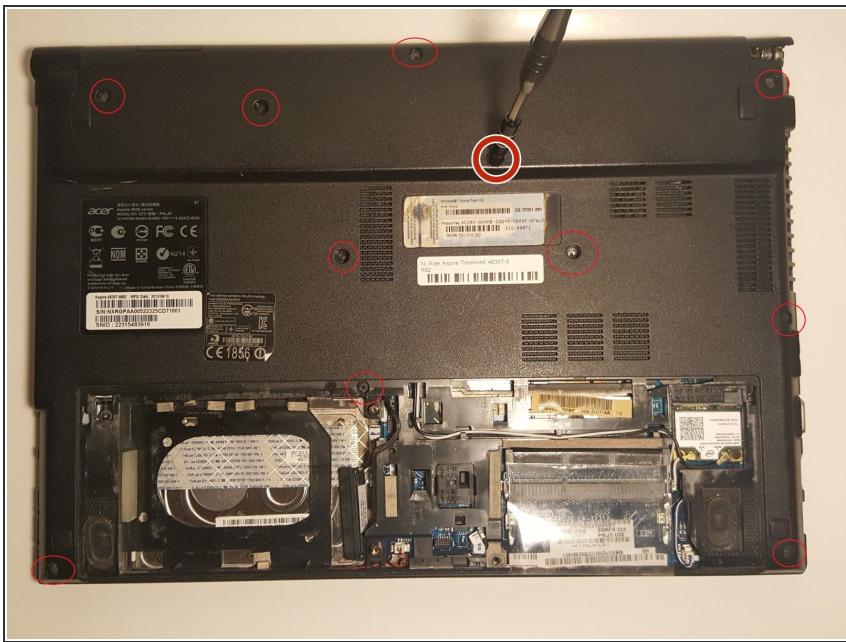
- Remove the single screw with a Phillips #0 screwdriver.
- Use a plastic opening tool on the upper part of the panel to remove it and access the RAM.
- *(i)* The other way to remove the panel is by sliding it away from the laptop. The difficulty of sliding it depends on the condition of your laptop.

Step 2 — RAM



- After the panel has been removed, locate the RAM. It should be on the lower right.
- There are pins around the RAM that need to be pulled back. After the pins are removed, pull the RAM chip towards you to remove it.

Step 3 — Keyboard



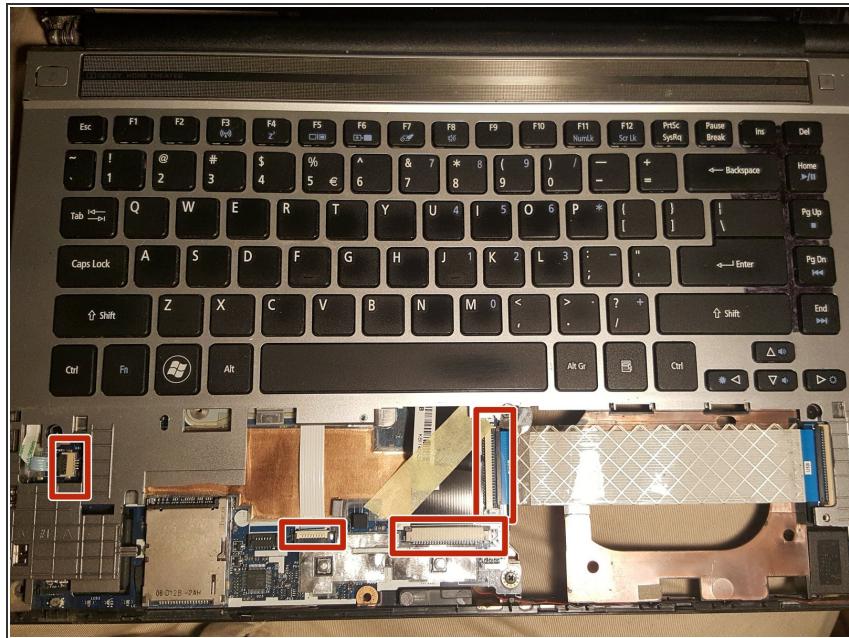
- Remove the eleven screws that hold that back panel to the laptop using a J0 Phillips screwdriver bit.

Step 4



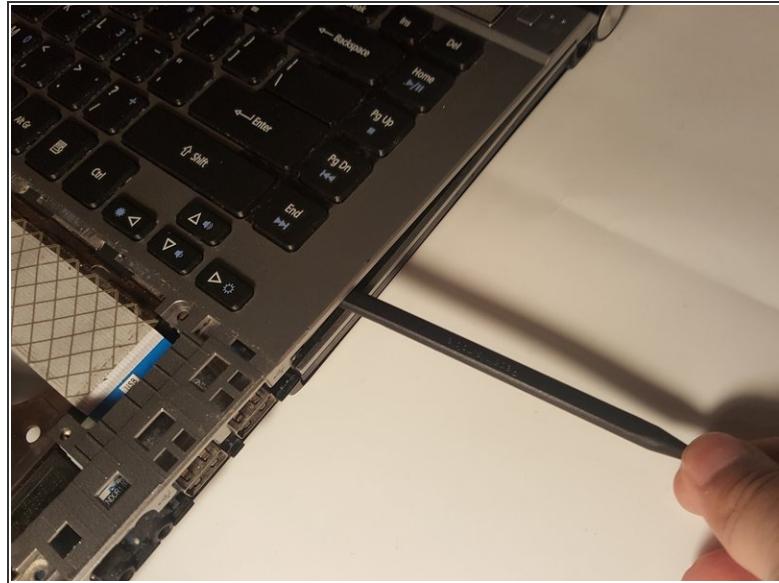
- Place the laptop in the upright position, the lower front touchpad panel should be easily detatched at this point.
- Remove the lower front touchpad panel by using an angled tweezers to disconnect the only wired tape connected to the motherboard.

Step 5



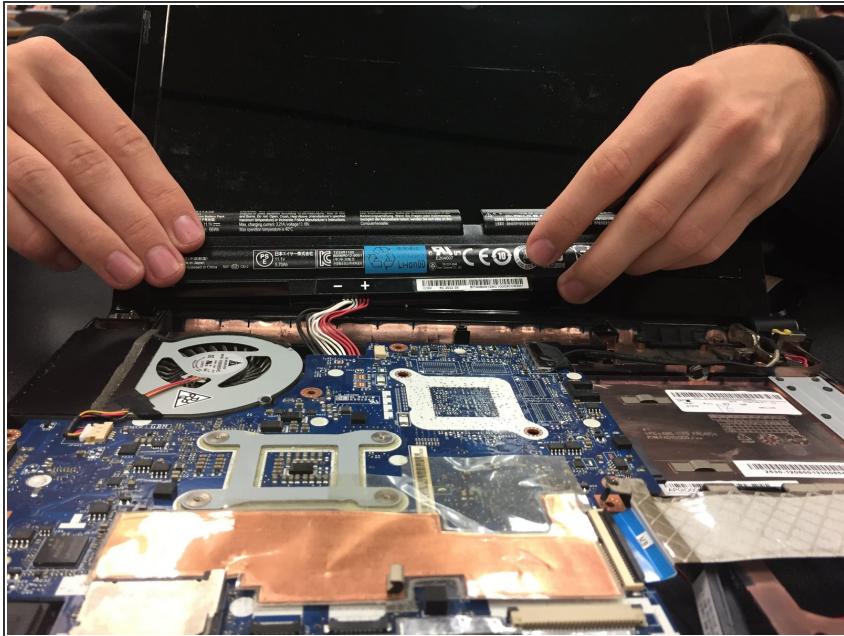
- Next, disconnect the 4 wired tapes of the keyboard from the motherboard just like we did with the lower front touchpad panel.

Step 6



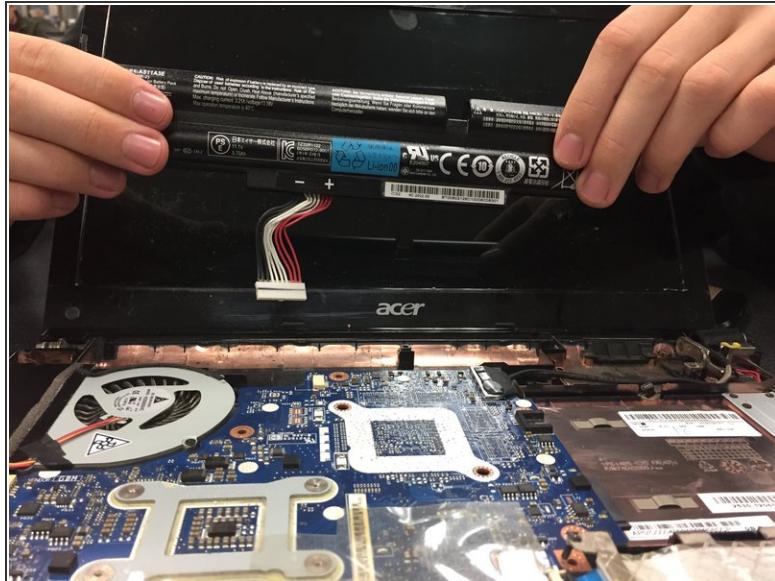
- Finally, using an opening tool, gently pry along the edge of the keyboard to separate it from the laptop.

Step 7 — Battery



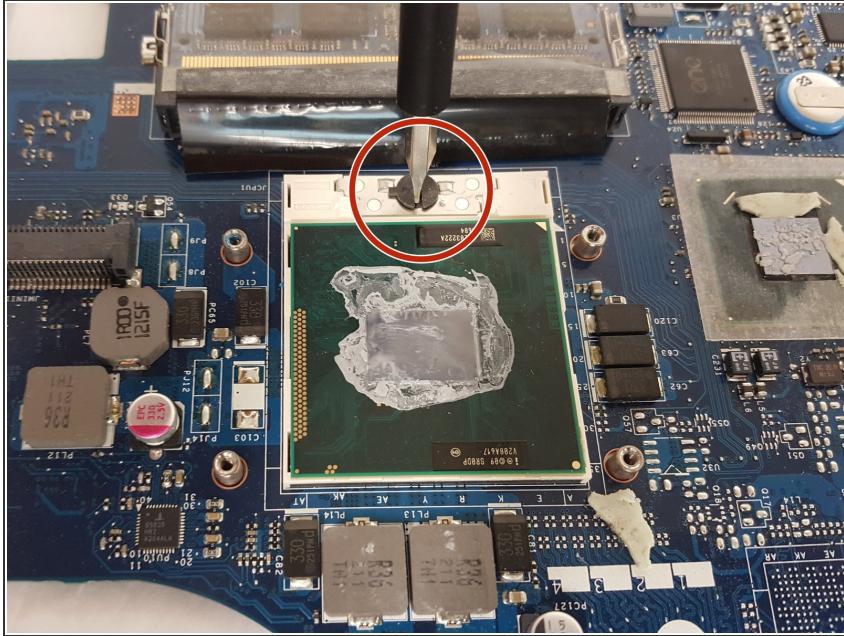
- The battery will be on the side closest to the screen.
- Gently lift it out. It will still be attached by white, red, and black wires.

Step 8



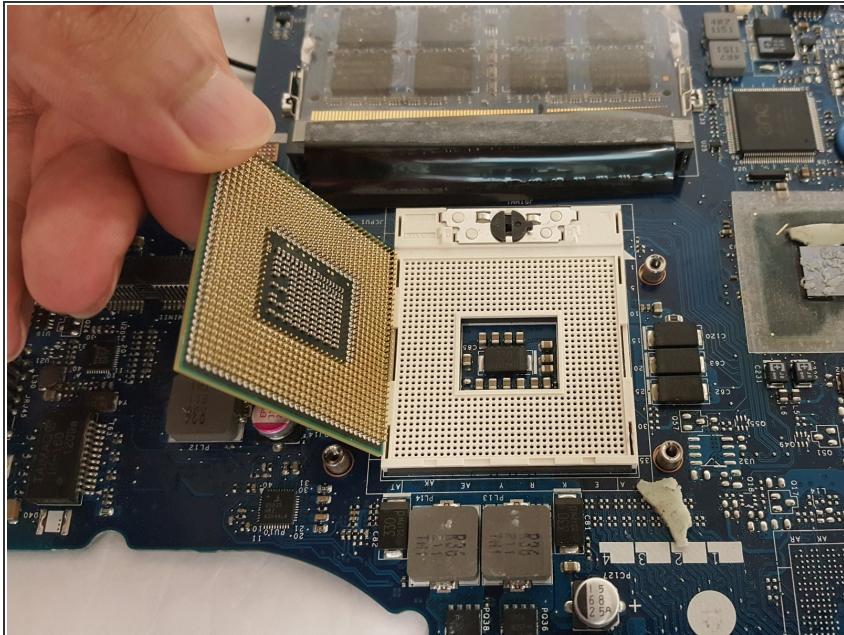
- Pull the white plug, it should easily detach.
- Remove the battery from the device.

Step 9 — CPU



- Turn the CPU screw counterclockwise 180 degrees with a Flathead 2.5mm screwdriver

Step 10



- Remove the CPU vertically from the socket being careful not to bend the CPU pins

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