![iFixit logo]
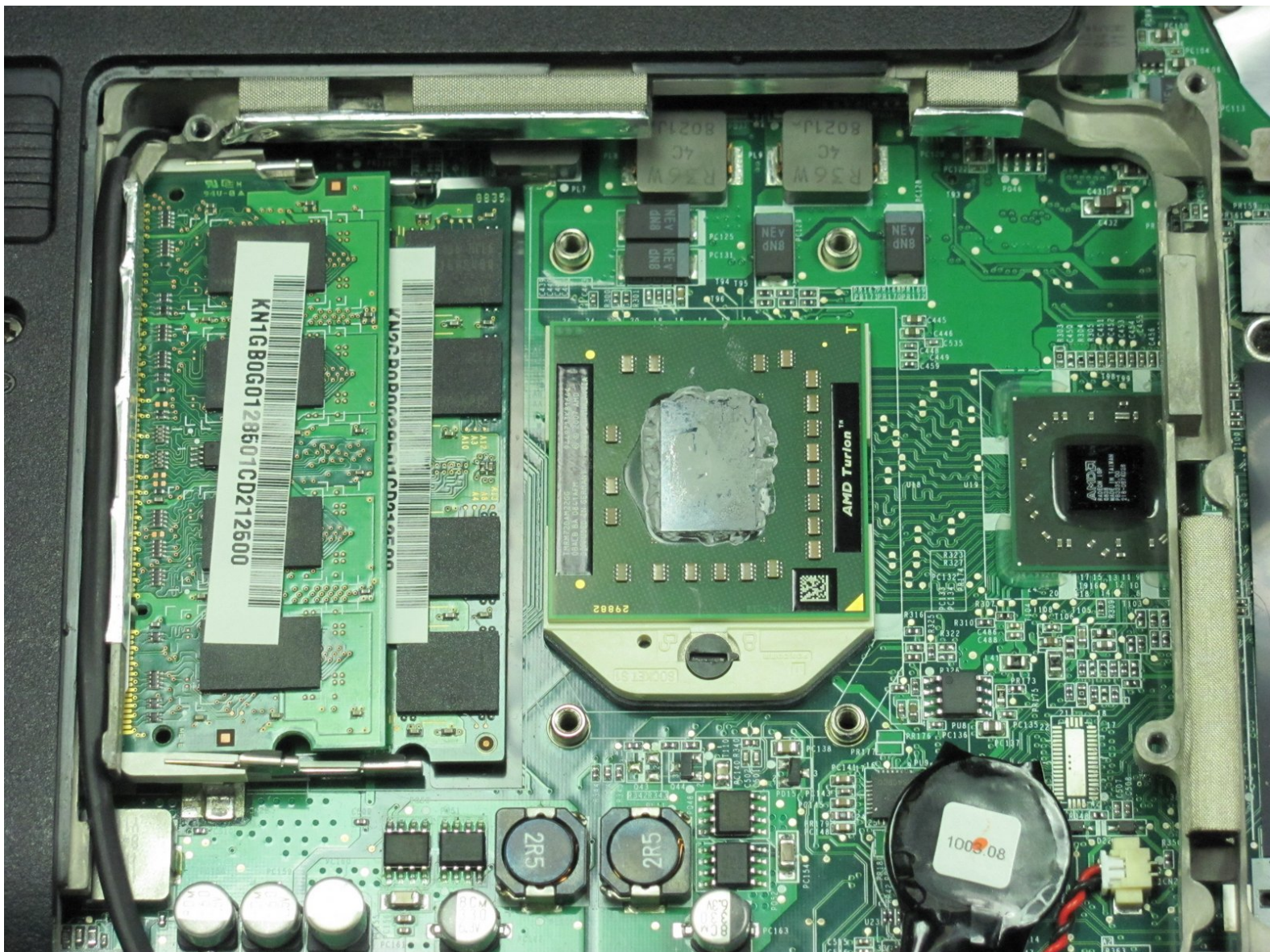
Gateway MD2614u Processor Replacement

This guide shows you how to find the CPU and remove it from the laptop.

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INTRODUCTION

You will use the fan repair guide to get to the CPU. Then, you will use the lock to remove the CPU.

TOOLS:

- Phillips #00 Screwdriver (1)
- 2.5 mm Flathead Screwdriver (1)

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Step 1 — Back Cover

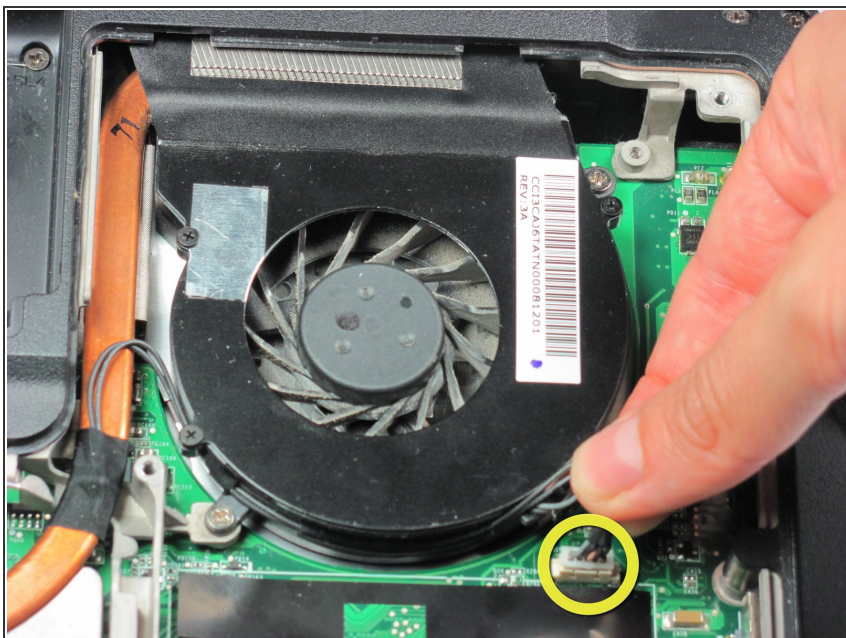- Place the laptop so the back cover is facing up.

Step 2

- Remove the 8 screws from the back cover using the Phillips #00 screwdriver.
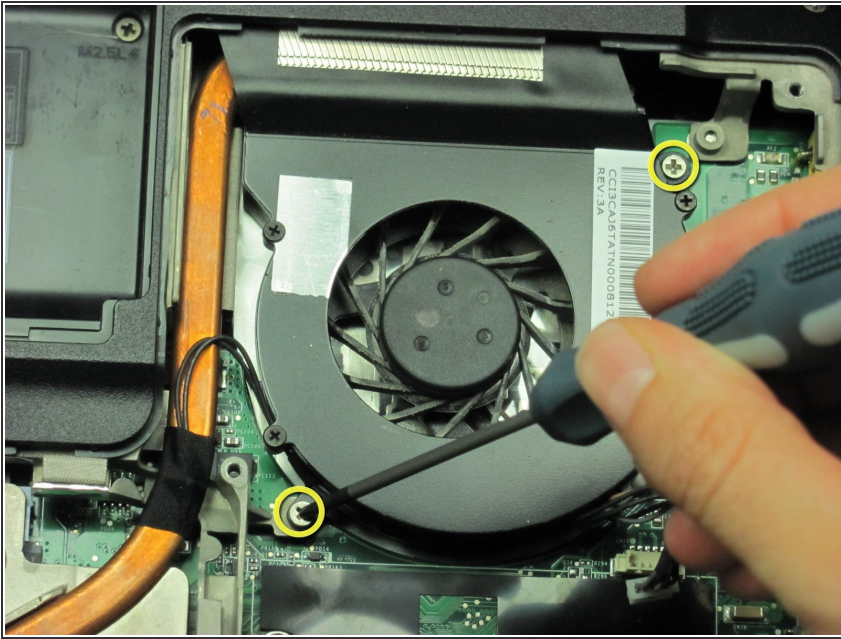
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Step 3

- Lift off the cover.

Step 4 — Fan

- Unplug the fan's power cable, which is a group of black wires attached to a white plastic head on the motherboard.

⚠ Pull the plastic part of the cable, not the wires, so that the plug does not break.

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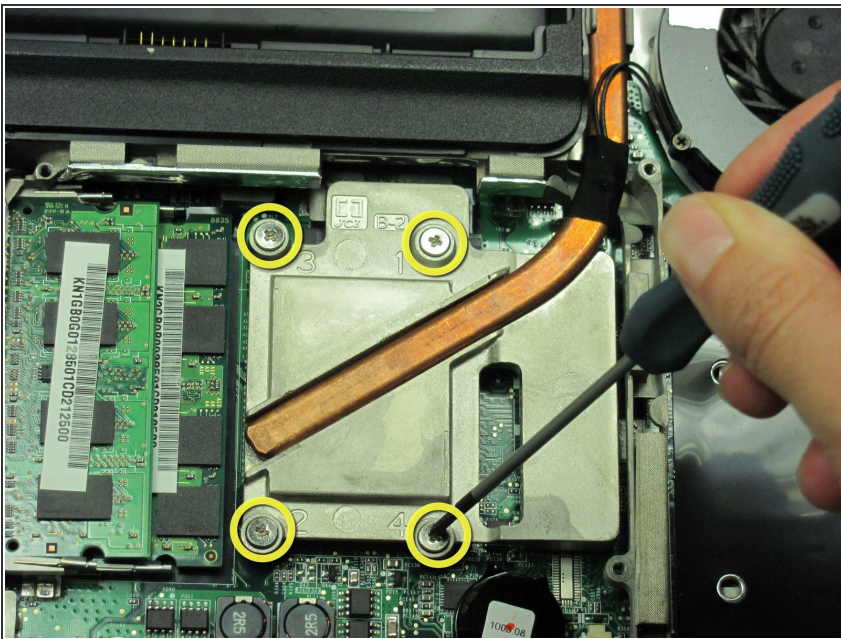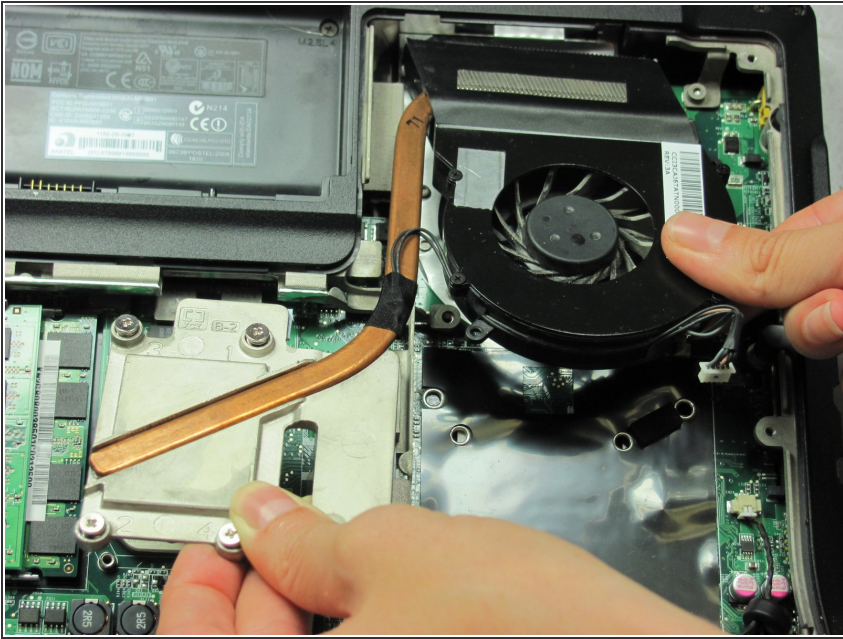
Step 5

- Remove the two screws located on opposite sides of the fan with a Phillips #00 screw driver.
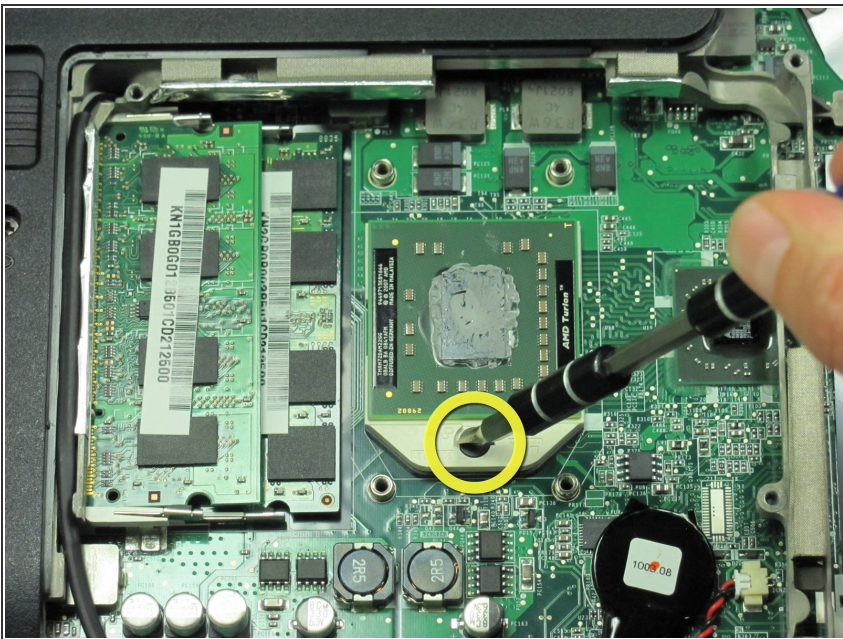
Step 6

- The fan is permanently attached to the silver heat sink next to the RAM.

- To completely remove the parts, loosen the heat sink's four screws with a Phillips #00 screw driver.

- Take out the screws in the numerical order shown on the heat sink.

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Step 7

- Pull the fan and heat sink toward you at a 20 degree angle upward.
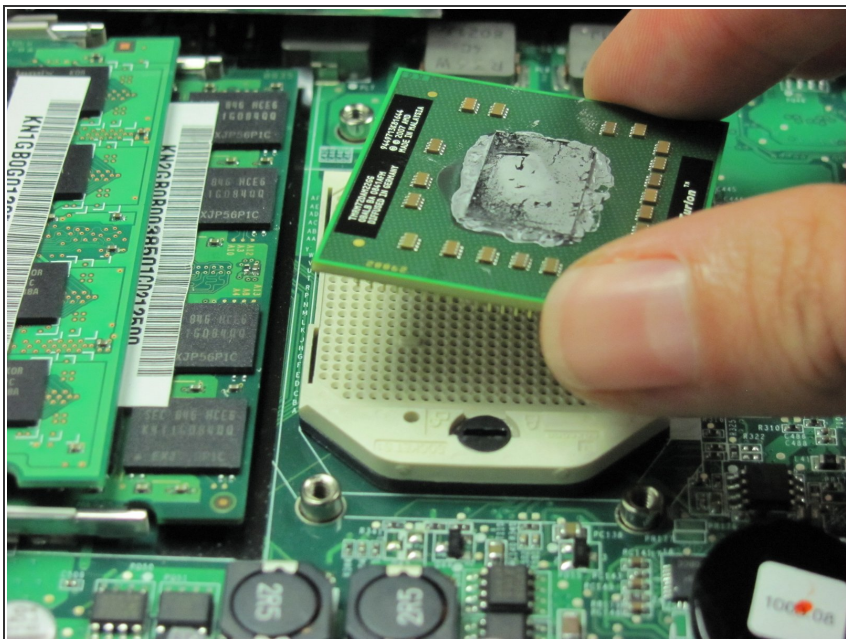
Step 8 — Processor

- The CPU is located under the heat sink you just removed. It is a green card on a white plastic surface. There is a black lock on one side of the plastic. Rotate the CPU lock 180 degrees counterclockwise with a 3.0 mm Flathead screw driver.

- ⓘ You will hear a click as the lock unlocks.

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Step 9

- Place your fingers on opposite edges of the green card.

- Carefully lift the CPU upward.

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

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