HP G71t-300 Cooling Fan Replacement

Make sure that you have a cooling fan with the...

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INTRODUCTION

Make sure that you have a cooling fan with the same voltage/amperage settings to prevent abnormal operation.

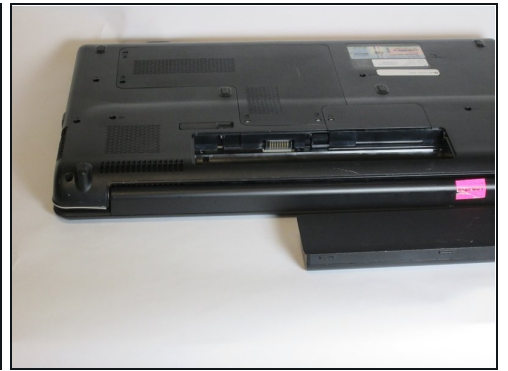### 🔧 TOOLS:

Phillips #0 Screwdriver (1)
Metal Spudger (1)

⚙ PARTS:

Arctic Silver Thermal Paste (1)
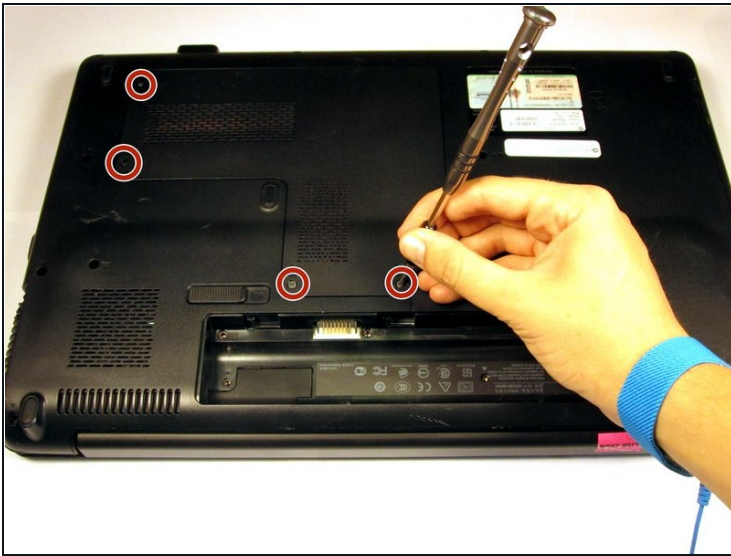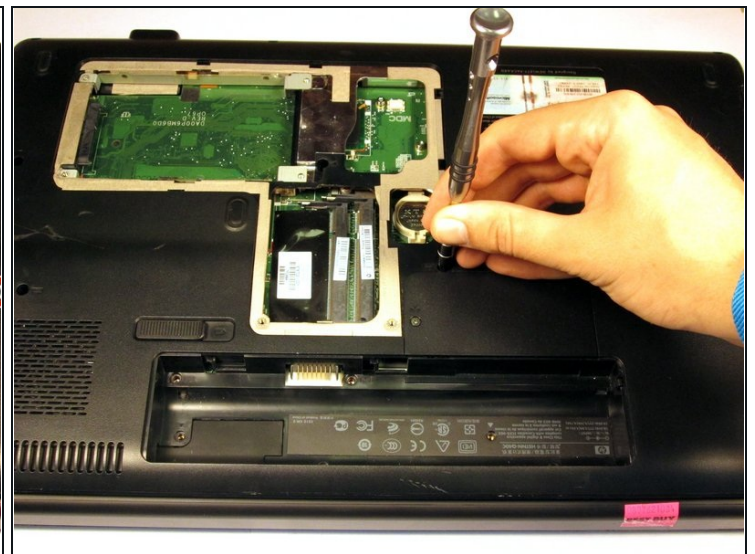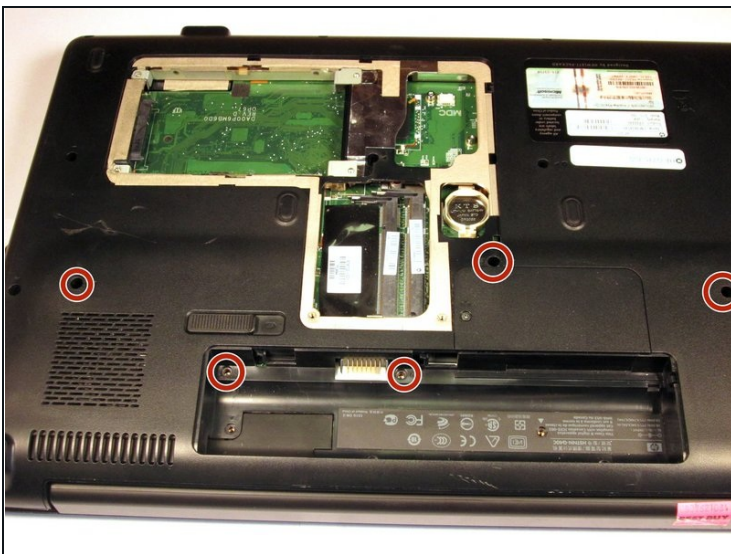

Step 1 — Keyboard

- Ground yourself by either touching an unpainted metal surface or by using the Anti-Static wrist strap.

- Turn off the computer and remove the charger from the charging port.

- Turn the laptop over and slide the battery release catch to the right. The battery will pop up from its slot. Remove it using your fingers.

Step 2

- Use a Phillips #0 screwdriver to remove the four screws from the indicated cover.

- Gently lift and remove the cover.

Step 3

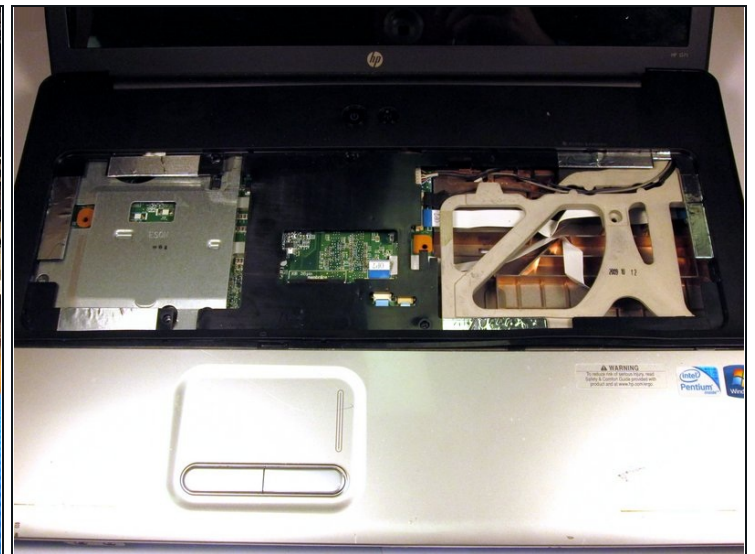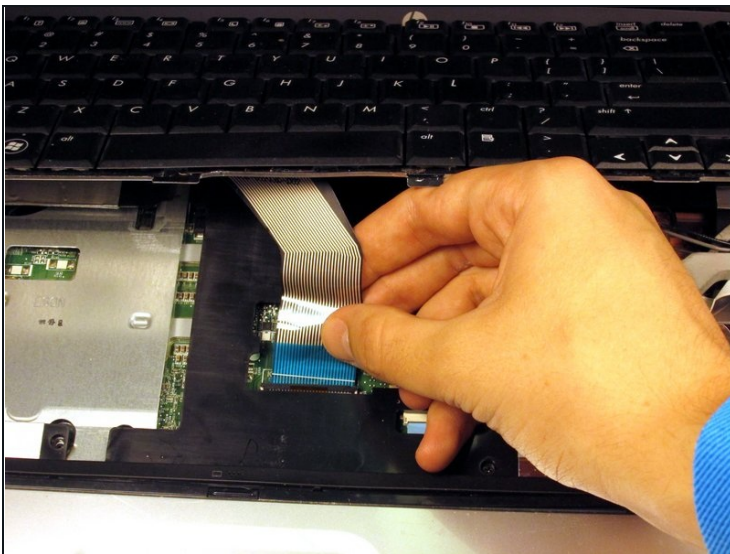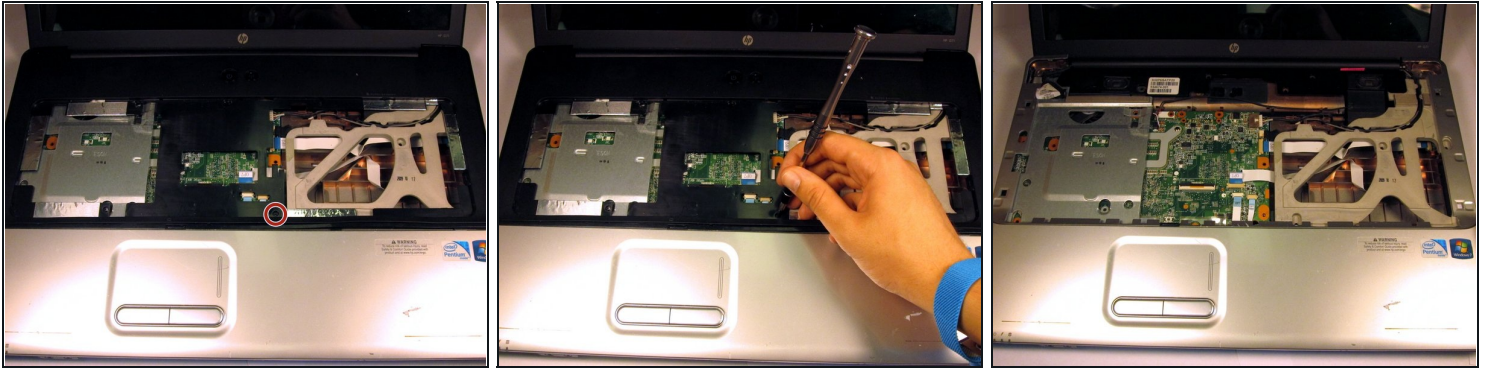- Remove the five 6mm screws with the Phillips #0 screwdriver.

Step 4

- Pry the keyboard off with a spudger. Be careful not to apply too much pressure and damage any components.

Step 5

- Disconnect the clip attaching the keyboard wiring to the motherboard. Lift and remove the keyboard.

Step 6 — Cooling Fan

- Use a Phillips #0 screwdriver to remove the 6mm screw from the top panel.

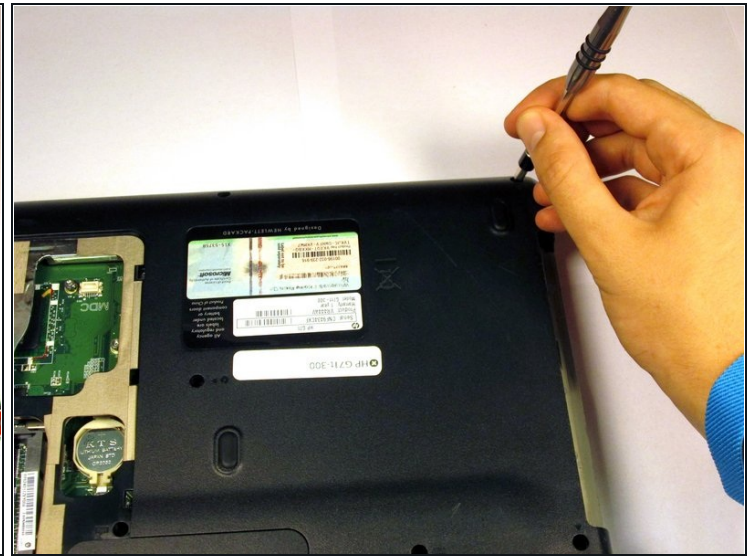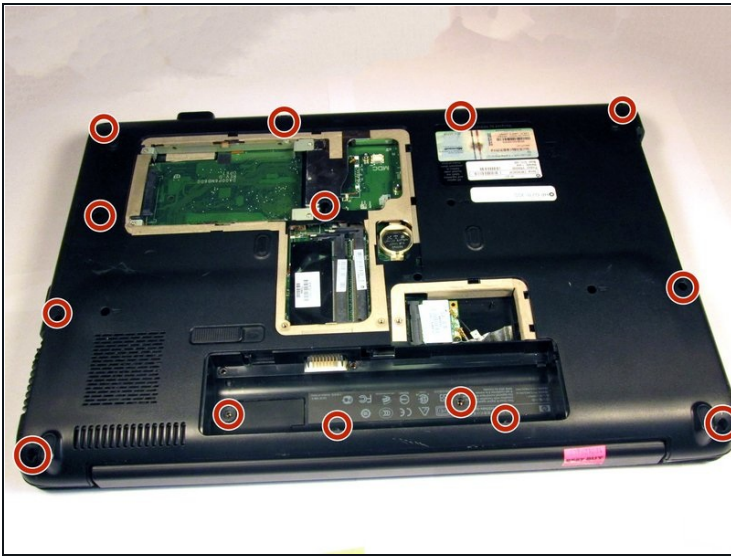- Gently lift and remove the panel. Use a metal spudger if the it seems set in place.

Step 7

- Use a Phillips #0 screwdriver to remove the 6mm screw for the Wi-Fi module cover.
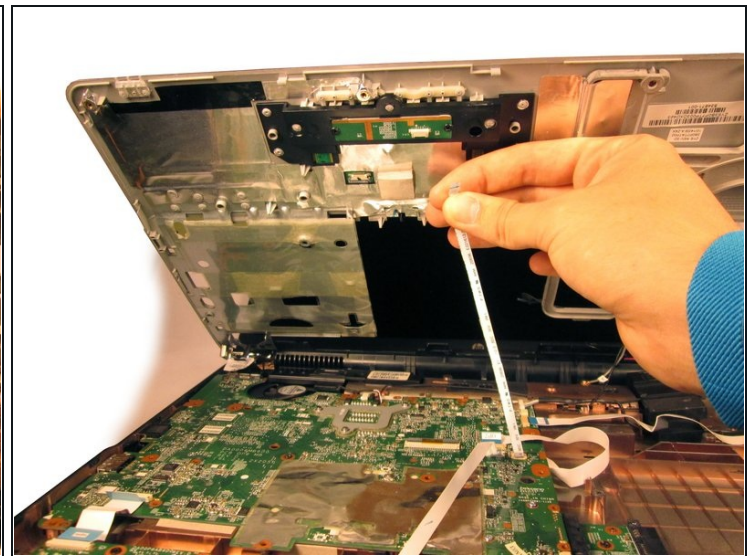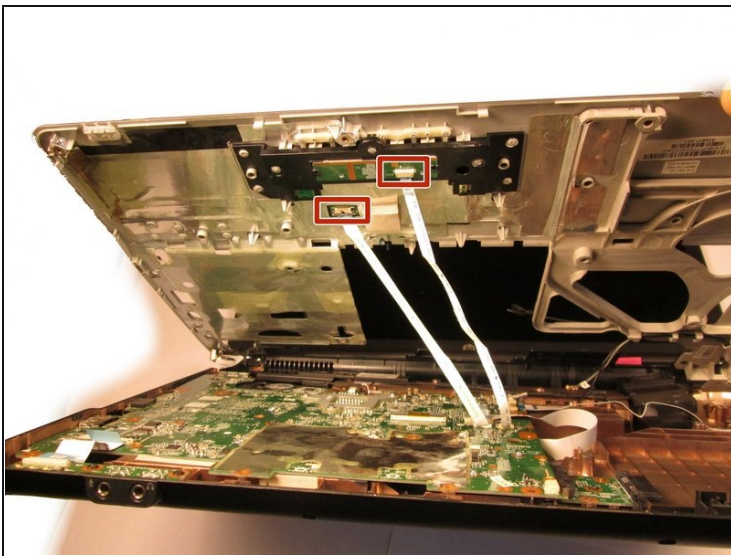
- Remove the cover.

Step 8

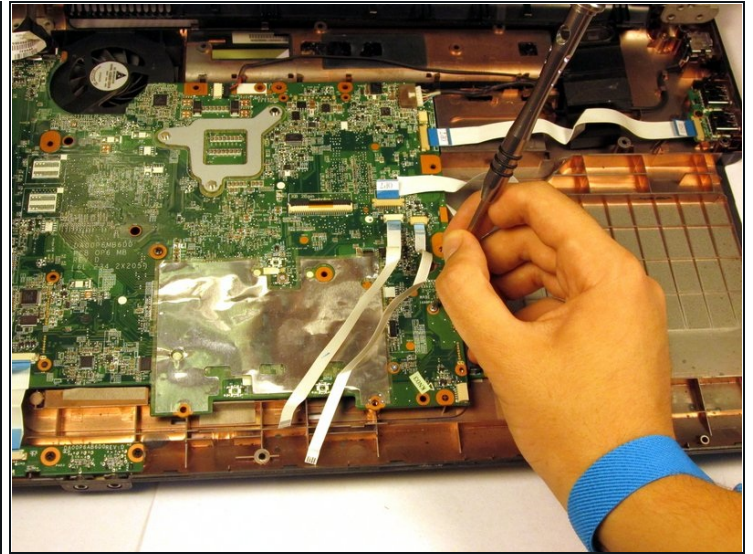- Remove all fourteen 6mm screws using a Phillips #0 screwdriver.
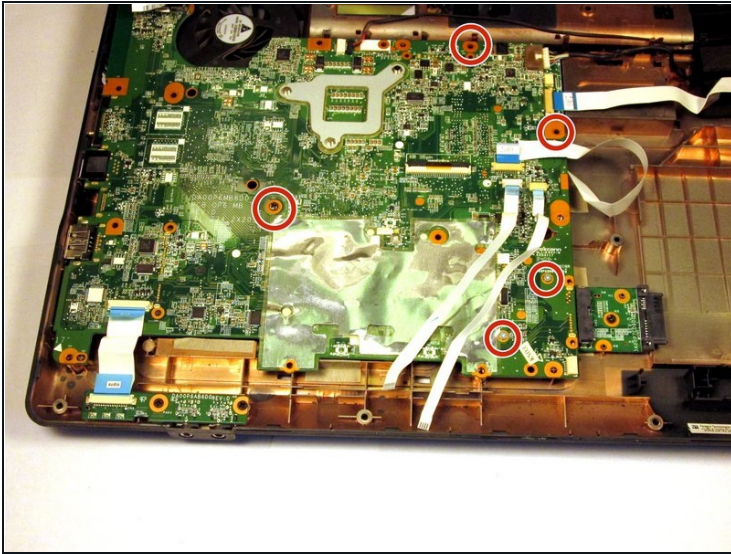
Step 9

- Partially separate the two panels until connectors are visible.

- Unclip the wires that attach the trackpad module to the motherboard.
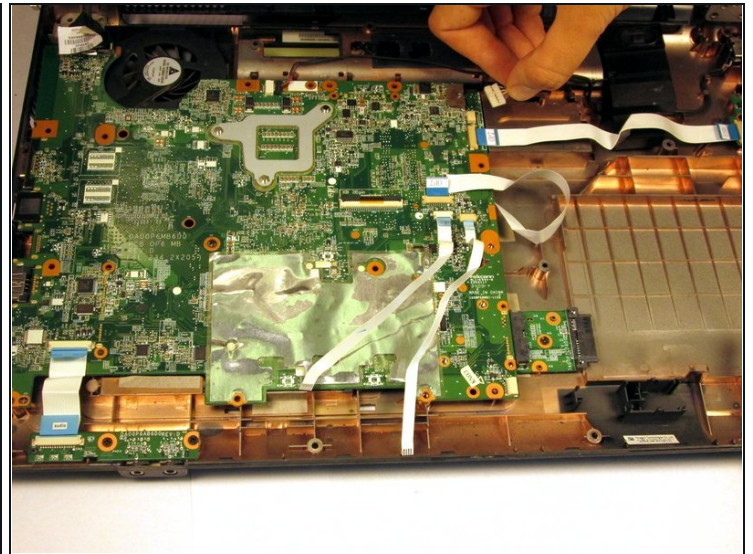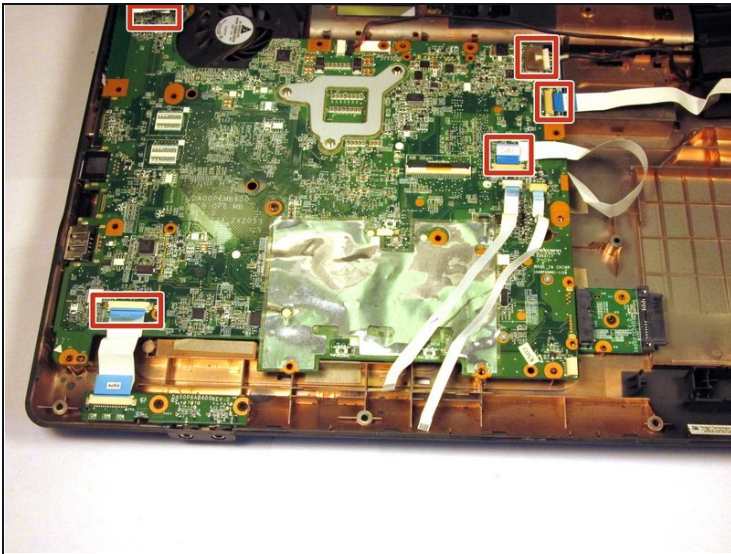
Step 10

- Remove the five highlighted screws using a Phillips #0 screwdriver.
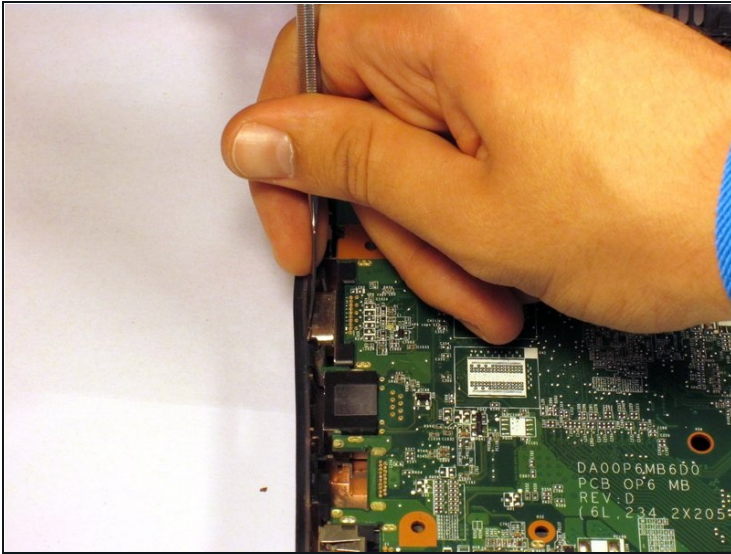
Step 11

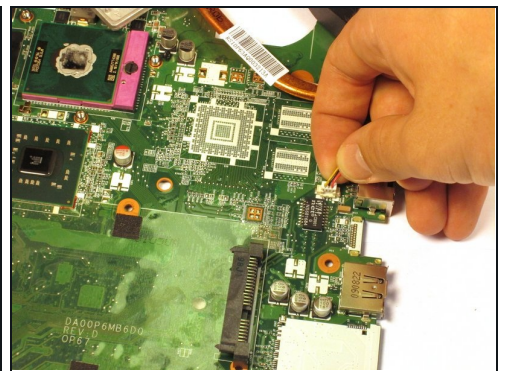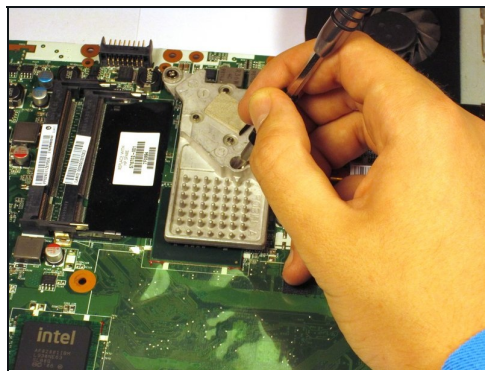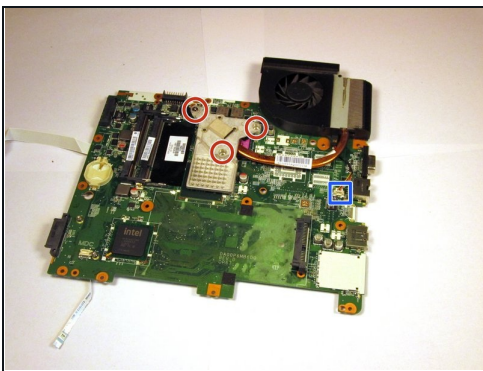- Disconnect the five cables by gently pulling them from their slots.

Step 12

- Press a metal spudger between the VGA port and the plastic housing to pry up the motherboard.

- Remove the motherboard and turn it so that the fan is facing upward.

Step 13

- Use a Phillips #0 screwdriver to loosen the three screws attaching the heatsink to the motherboard.

- Remove the heatsink and fan assembly by unclipping the fan from the motherboard.

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