Dell Optiplex 745 Ultra Small Form Factor CPU Replacement

Replacing the CPU in your Dell Optiplex 745 (Ultra Small Form Factor)

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INTRODUCTION

Looking to replace your original CPU with faster yet compatible one? Or are you just replacing a faulty one? This guide will walk you through replacing your existing CPU with a newer one.

🔧 TOOLS:
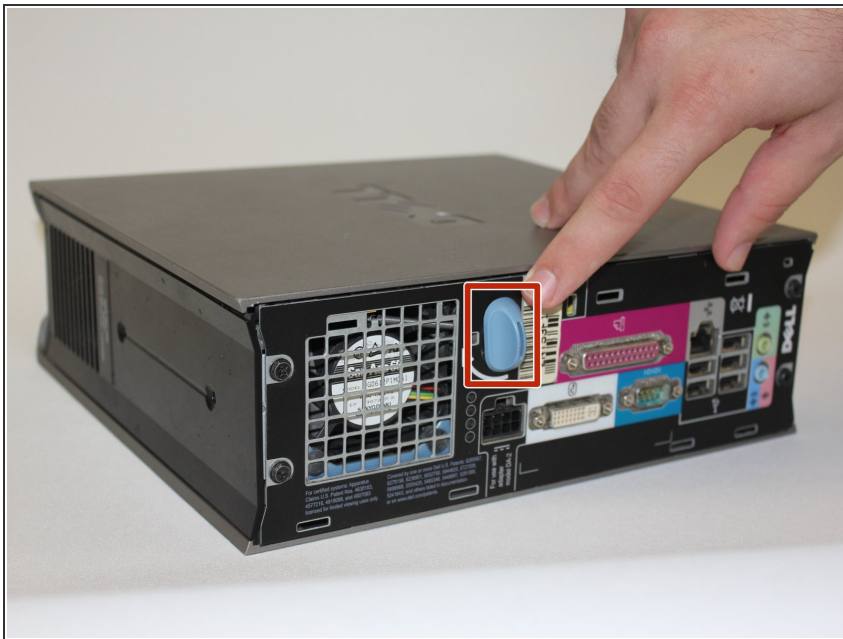
- Anti-Static Wrist Strap (1)

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Step 1 — Side Panel

⚠ Make sure to shut down the computer! you can do this by going to the start menu and clicking shutdown.

⚠ Ensure all cables, speakers and other devices are unplugged and turned off before opening the computer case.
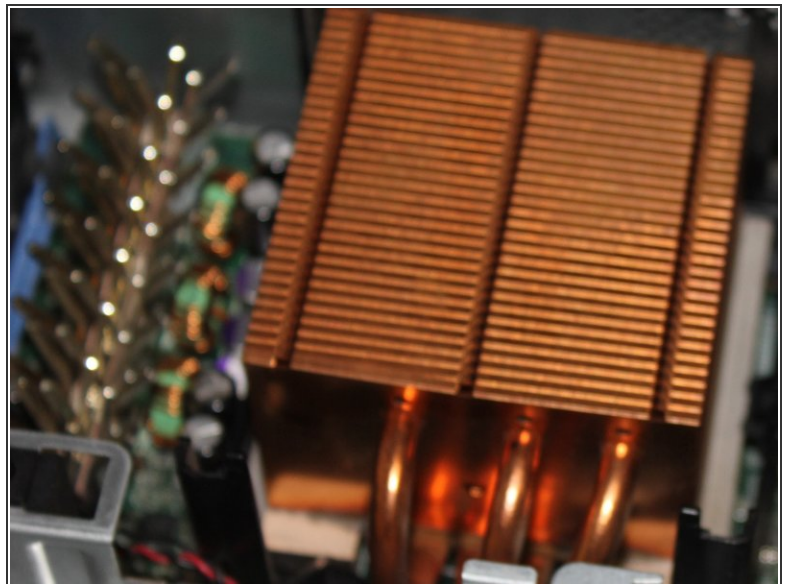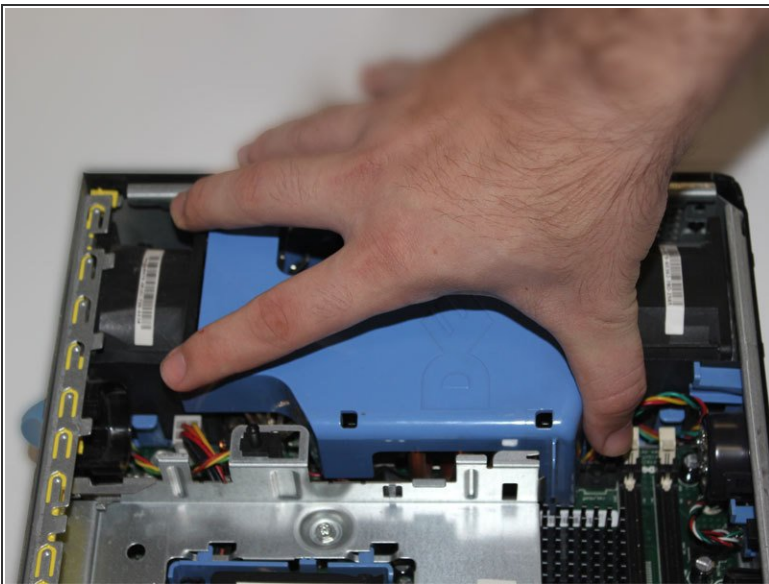
Step 2

● Lay the computer on its side; you will see a blue knob. Turn said knob 90 degrees counter clockwise.
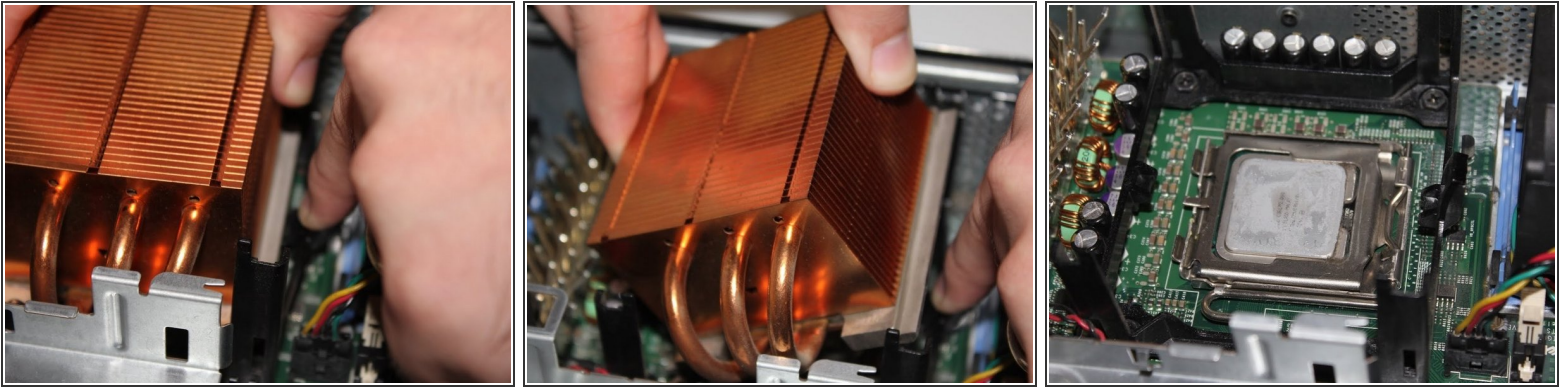
Step 3

- Slide the panel case forward about 1/2 inch while knob is turned.
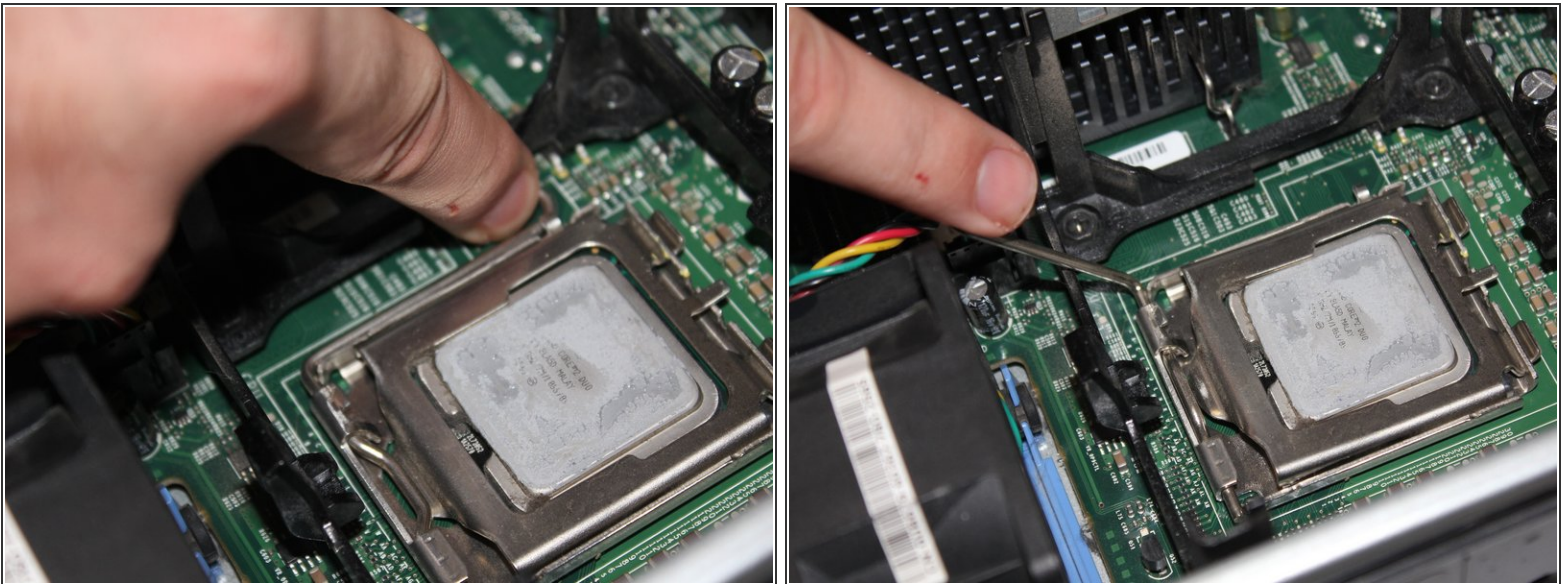
- Lift panel case off computer.

Step 4 — CPU Heat Sink

- Remove the blue shield by sliding it straight upwards.

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Step 5

- Pull back on the tab nearest to the front case fan.

- Slide the CPU heat sink from under the clip and pull upward.

- (i) You may need to twist the CPU heat sink side to side to free it from the thermal paste.

Step 6 — CPU

- ⚑ Ground yourself before removing any internal components.

- Push release lever down slightly and away from CPU.

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Step 7

- Lift and rotate processor cover off of CPU.

- (i) Processor cover will remain attached.

Step 8

- Using two fingers holding the sides, lift the CPU from the socket.

- ⚠ Do not touch the underside of the CPU or any of the pins.

- ⚠ When replacing the CPU, do not use excessive force.

- ⭐ Ensure to use the alignment-notches on the new CPU, when replacing.

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

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