



# Dell Optiplex 745 Ultra Small Form Factor CPU Replacement

Looking to replace your original CPU with...

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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.

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## TOOLS:

[Anti-Static Wrist Strap](#) (1)

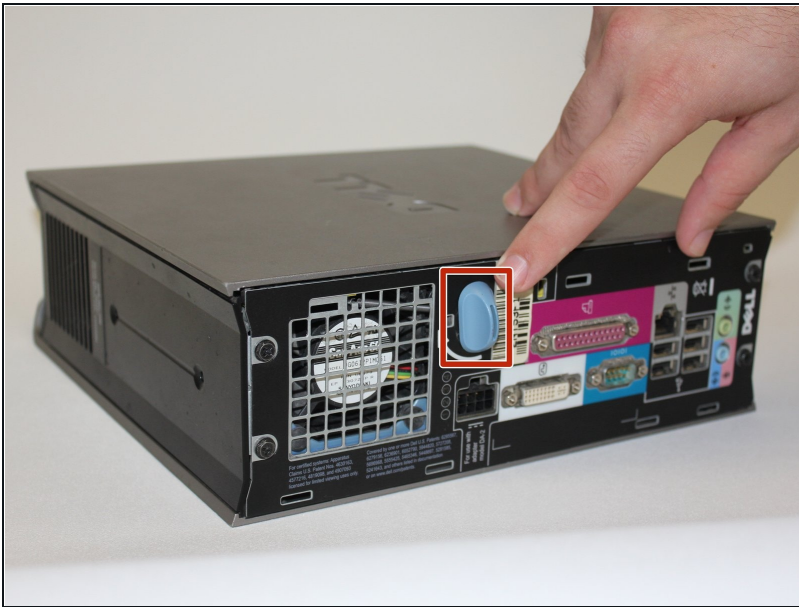
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### Step 1 — Side Panel



- Make sure to shut down the computer! Go to the start menu and click shutdown from the power options first
- 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.

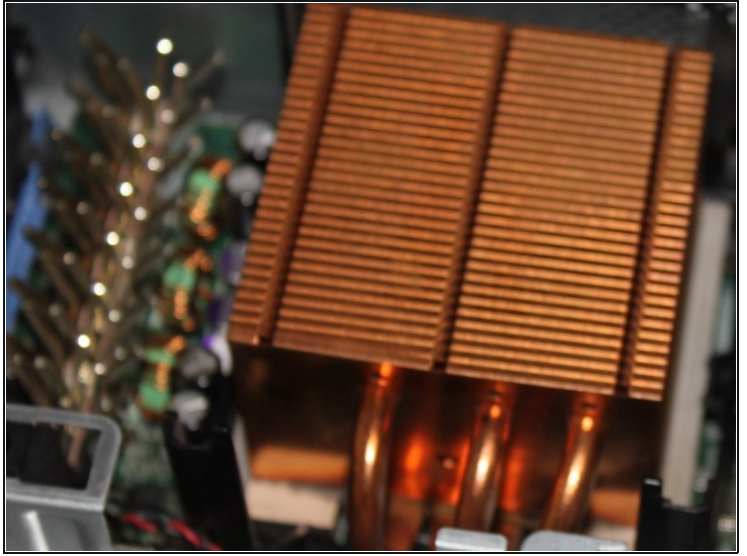
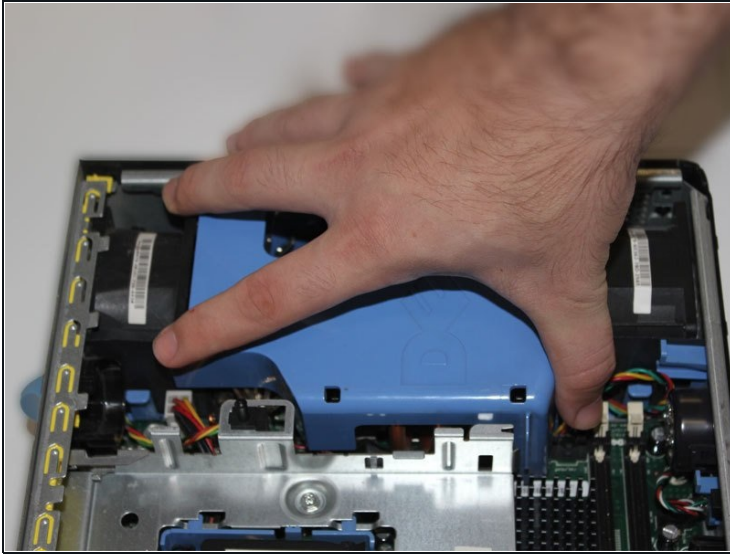
## Step 3



- While the knob is still turned, slide the panel case forward about 1/2 inch, and then lift the panel off the computer.

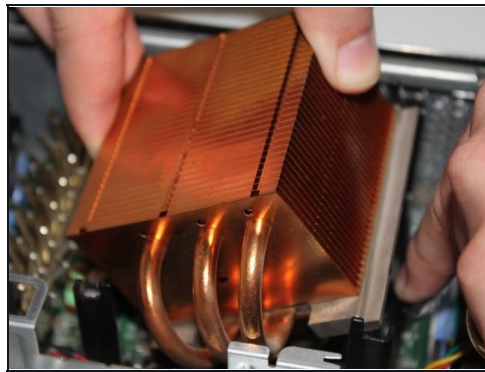
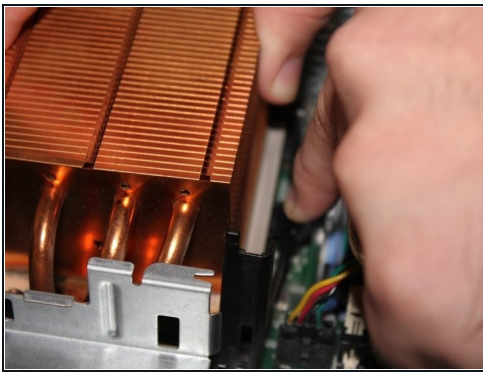


## Step 4 — CPU Heat Sink



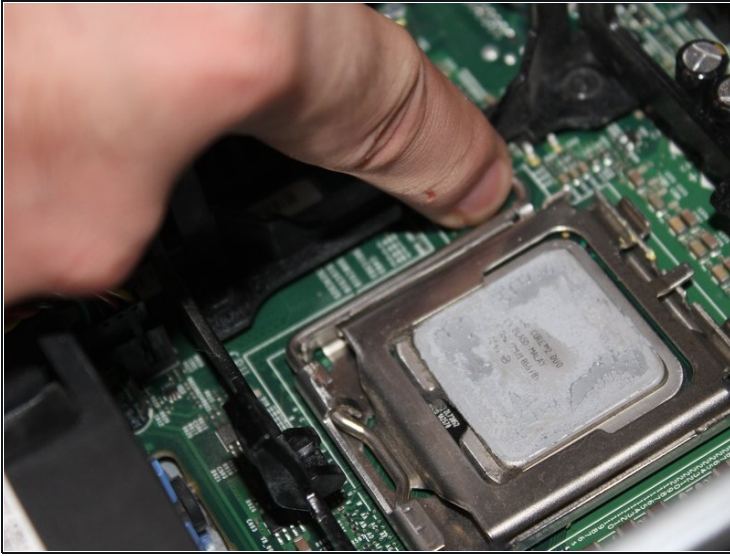
- Remove the blue shield by sliding it straight upwards.

## 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.
- ⓘ 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.

## Step 7



- Lift and rotate processor cover off of CPU.

ⓘ 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.

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