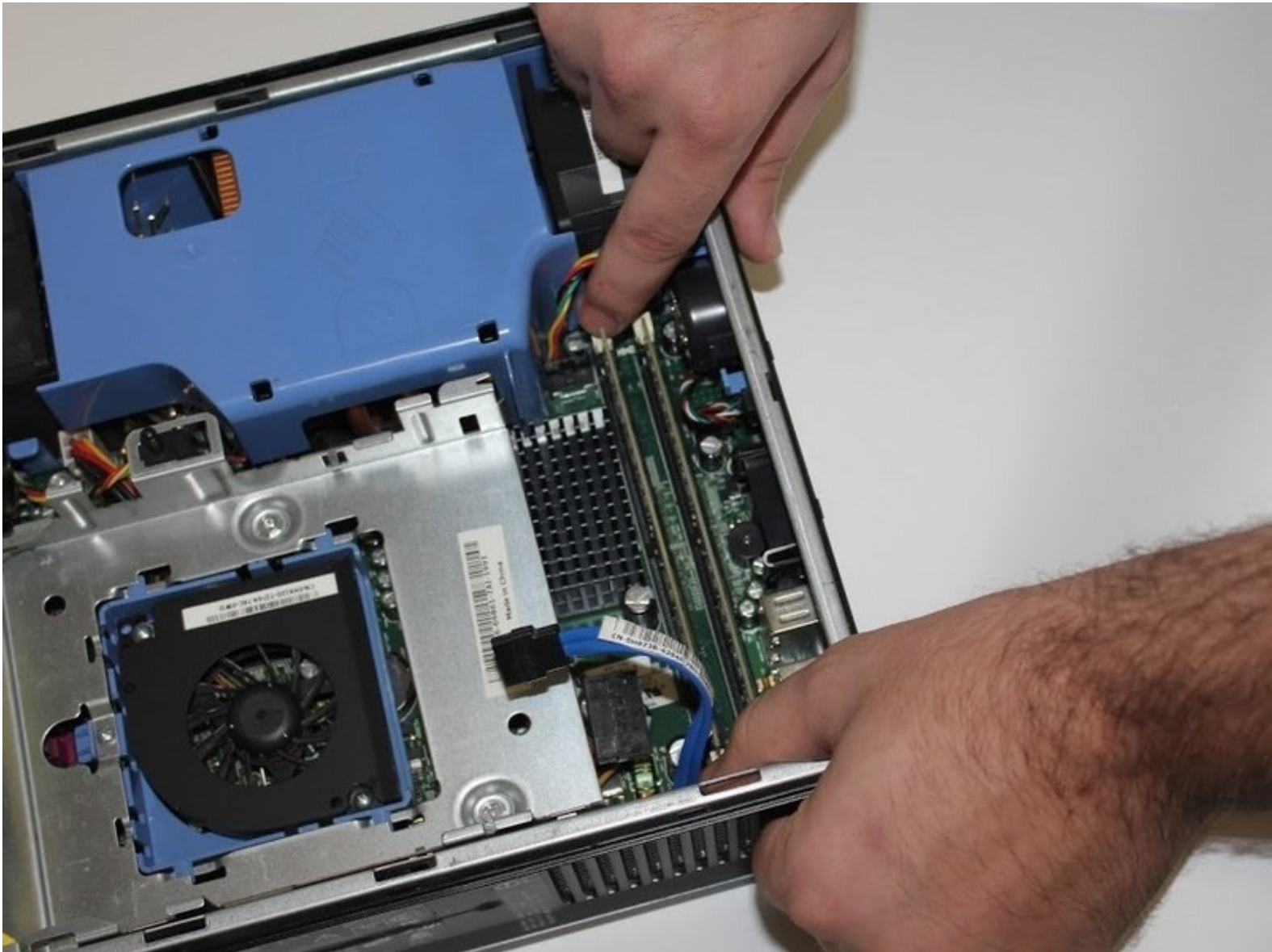![iFixit logo](X IFIXIT)

Dell Optiplex 745 Ultra Small Form Factor RAM Replacement

This guide will help you to replace or upgrade the RAM modules within your Dell Optiplex 745.
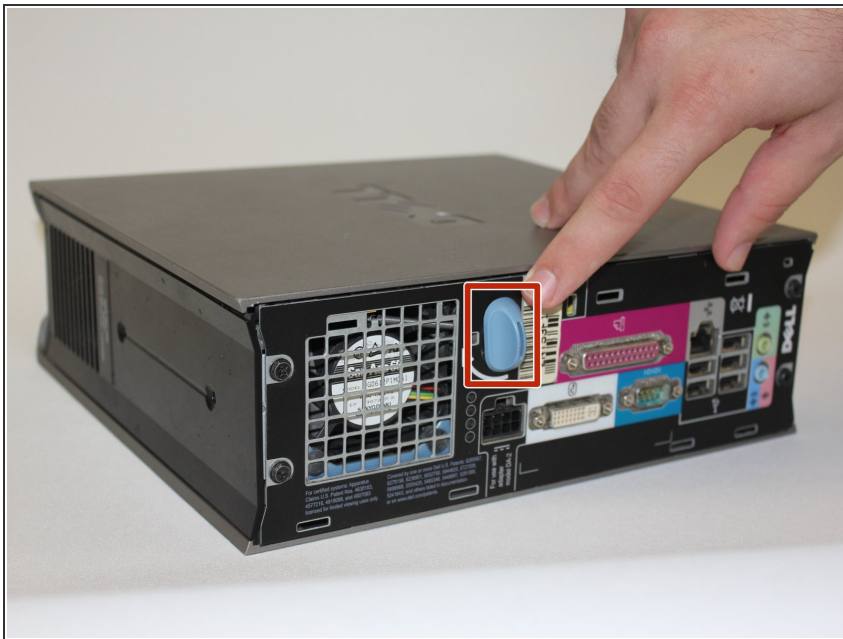
Written By: donnavon

INTRODUCTION

In this tutorial we will discuss how to remove and re-install memory into a Dell Optiplex 745 Ultra Small Form Factor. The Dell Optiplex 745 Ultra Small Form Factor encases two DIMM memory slots that can both house a 2GB memory module, allowing a total maximum of 4GB of memory in this machine.

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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.

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Step 3

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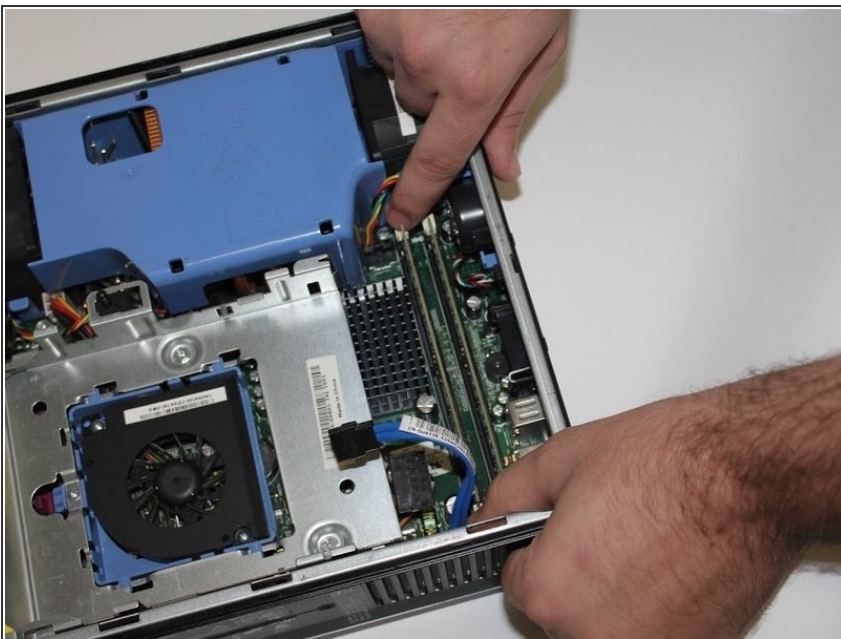
- Lift panel case off computer.

Step 4 — Hard Drive

- Remove power and data cables

- ⭐ Ground yourself before removing any internal components.

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Step 5

- Locate blue tabs as shown to the left and right of the hard disk drive

- Squeeze tabs and slide hard disk drive towards you, then lift up on the drive.

Step 6 — RAM

- Press down on the two white tabs on either side of the memory module; the RAM will pop out.

- 📌 Be sure you are grounded to avoid electrostatic discharge and to place your memory modules in an anti-static bag.

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

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