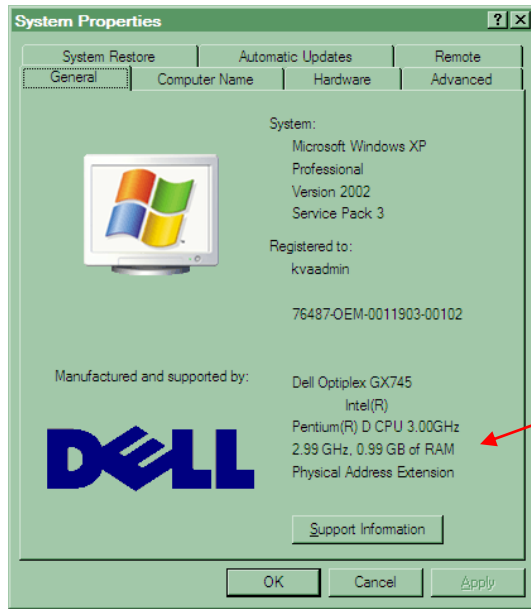


Upgrading PC & Laptop Memory

- 1) First you'll need to check how much Memory you have currently installed

Go to Start / Control Panel / System (Windows 2000 / XP) or Start / Control Panel / System and Maintenance / System (Vista)

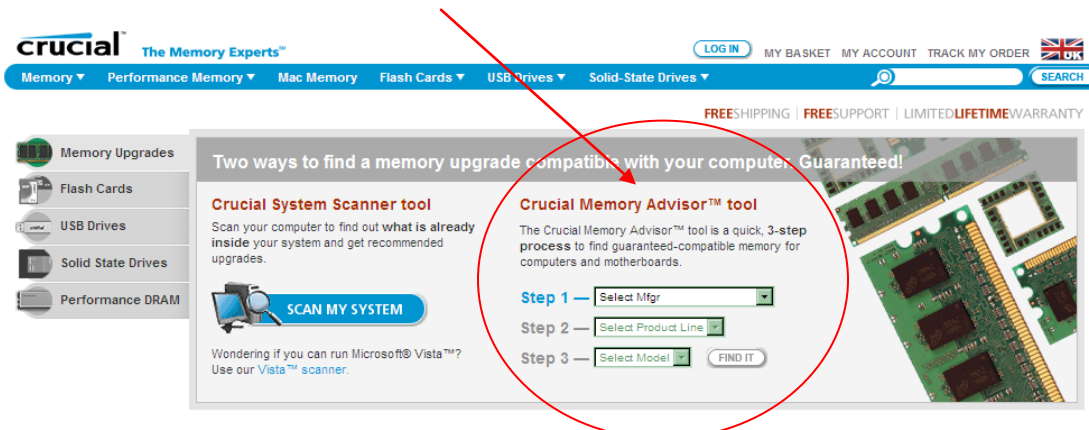


Memory is known as Random Access Memory (RAM) and is measured in Megabytes or Gigabytes

- 2) Now you will need to find out how many memory modules this is made up of and how many slots in your computer are available.

The easiest way to do this is to find the details of the system specification at time of purchase or alternatively open up your PC / laptop casing and take a look (see Step 7 or the manufacturer's website for instructions).

- 3) To check what is the optimum memory for your system and find out what kind of memory you will need and how much it will cost – go to www.crucial.com/uk and use their Memory Advisor Tool.



- 4) Follow the 3 Steps to select the Manufacturer, Product Line and Model of your PC / laptop.
- 5) You should then retrieve information relating to the recommended memory capacity per slot. It also indicates the number of slots you have available for memory and therefore the maximum memory for your system.

crucial The Memory Experts™

Memory Performance Memory Mac Memory Flash Cards USB Drives Solid-State Drives

Guaranteed-compatible memory upgrades for your **Dell OptiPlex 745 Series (Desktop Mini-Tower and Small Form Factor) Desktop/PC.**

Max it Out Recommendation

2GB 240-pin DIMM

Module Size: 2GB
Package: 240-pin DIMM
Feature: DDR2 PC2-5300

★★★★★ (1 Ratings)

£15.99 ex. VAT
£18.39 inc. VAT*


ADD TO BASKET

We've calculated the maximum memory capacity that your computer can handle per slot and matched it with our guaranteed-compatible parts to give you our max it out recommendation. Depending on your currently installed memory, you may need less memory.

SEE ALL COMPATIBLE PARTS

System Information

Manufacturer Specifications - Dell OptiPlex 745 Series (Desktop Mini-Tower and Small Form Factor)

 <p>Number of Slots:</p> <p>Slot 1 Slot 2</p> <p>Slot 3 Slot 4</p> <p>Each memory slot can hold DDR2 PC2-8400, DDR2 PC2-8500, DDR2 PC2-5300 with a maximum of 2GB per slot.*</p> <p>*Not to exceed manufacturer</p>	<p>Graphics Support: PCI Express x16 Maximum Memory: 8192MB Slots: 4 (2 banks of 2) Standard Memory: 1024 or 2048MB removable USB Support: 2.x Compliant</p> <p>Although the memory can be installed one module at a time, the best performance comes from using matched pairs of modules.</p> <p>Q: Will my system recognize the maximum upgrade?</p> <p>A: Possibly</p> <p>How much memory your Windows OS will recognize depends on which version of Windows you are running. 32-bit versions of Windows will see (and utilize) only 3GB or 3.5GB. To utilize more memory, install a 64-bit version of your OS. More information about OS memory maximums can be found at http://www.crucial.com/kb/answers/ver.aspx?tid=4251.</p> <p>Q: What memory goes into my computer, and will a faster speed be backward-compatible?</p> <p>Q: How much memory can my computer handle?</p>
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- 6) The **Which** website has useful information about upgrading memory at <http://www.which.co.uk/advice/installing-extra-memory/index.jsp>

There is also a clear video explaining the process including how to fit a memory module into a spare slot in a laptop -

<http://magic.sc-streaming.com/players/WhichPlayerV2.swf?campaignID=1802>

- 7) It is best practice to balance your memory modules, so for example if you currently have only 256 MB RAM and a second slot available, and your intention was to upgrade to a total of 1 GB – you would remove the 256 module and fit 2 x 512 MB.