



We are a company based in the UK



COMPUTER MEMORY EXPLAINED

Mr Memory[®]

Mr Memory is rated



Trustpilot

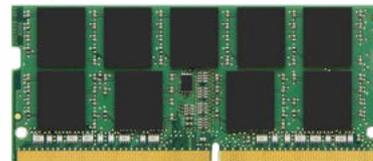
WHAT IS COMPUTER MEMORY?

Computer memory holds temporary information within your computer, allowing it to complete tasks. You may have also heard it described as RAM (Random Access Memory)

Essentially, there are 3 main types of RAM - different shapes and sizes to fit the desired machine.

LAPTOP MEMORY

Laptop sized modules also known as SODIMM (Small Outline DIMM) can commonly be used in some Small Form Factor desktop machines and All-in-One machines.



DESKTOP MEMORY

Desktop sized modules also known as DIMMs are most common in regular consumer & business grade desktop computers.



SERVER MEMORY

Server modules are most commonly found in workstation & server machines and have a variety of different types to suit the machines requirements.



RAM is often confused with Hard Drive memory as they are measured in the same way: **Megabytes (MB)**, **Gigabytes (GB)** and **Terrabytes (TB)**.

To understand the difference between Hard drive memory and **RAM**, think of an office desk...

On the surface of the desk, when in use, there are pens, files, mugs etc covering the surface. If the surface is too full then more deskspace is required in order to continue work. In relation to your computer, the pens, mugs and files are the tools and apps running in the background, allowing you to carry out your work.

When your computer is running slow because of all of these things, more **RAM** is needed to increase the computers workspace.

The drawers of the desk are where the files are permanently stored. If there are so many files that the drawer will not shut, some need to be removed or reorganised. This is the same with your computer, If your **hard drive** is getting to full, some files will need to be removed or a new drive will need to be added in to accomodate more files.

OVERVIEW

RAM - a temporary storage location. Cannot delete things from it and does not store long term information as memory is wiped when the machine reboots.

Hard Drive - a permanent storage locations. Saves your files so they are still available the next time your machine is turned on.

The **RAM** is stored in slots in your machine. Depending on the amount of slots, sometimes there will be free sots that you can add new **RAM** into. Sometimes you will need to replace your current **RAM** with modules of larger capacity - **You will not lose any data in carrying out this task!**

WHAT WILL ADDING MORE RAM DO?

Adding in more RAM will increase the all-round performance of your machine...

- Applications respond quicker
- Improves ability to run more programs at the same time
- Web pages load faster
- Reduce boot up time of your machine
- Smoother performance when playing games
- Helps prevent crashes and freezing

For servers - increasing the RAM has a huge beneficial impact for everyone using it on the network.

WHAT MEMORY DO I NEED?

Things you need to know:

1. The **Make & Model** of your machine
2. How much **RAM** you currently have installed

Not sure what your machine is or how much **RAM** you have installed currently?

Various ways of finding out:

1. We have an easy to use **ScanMyPC Application** that will quickly and easily identify your machine's model number and provide all the information required.
2. Check your machine's user manual for more information
3. For **Apple machines** - click the "**About This Mac**" option
4. For **Windows machines** - open "**Control Panel > System Information**"

When you find your machine on our website, you can then see what the maximum amount of **RAM** your machine can have installed and choose your desired upgrades quickly and easily from the very same page.

IS IT EASY TO INSTALL NEW MEMORY?

Simple answer is... **YES!!!**

It is a **quick and easy** process that requires **no special tools** (except a screwdriver in some cases).

Once the memory is installed, the computer will recognise it straight away and off you go! Every order with Mr Memory is supplied with a full installation guide, as well as tutorial videos on our website. We also have a fantastic **Customer Care & Support Team** and a support section on our website – ready to assist you if needed.