PRODUCT CATALOGUE 2019/20

Mr Memory®

The experts in computer memory since 1994

Mr Memory is rated

based on 38,500+ reviews
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A message from Kerry Harnes, Chief Operating Officer

I organise, oversee and implement all projects/tasks and sales, whilst ensuring the smooth running of the business and that all our customers specifications are met.

As well as Chief Operating Officer, I am also one of the Account Managers/Memory Experts at Mr Memory, overseeing a large database of existing accounts which consist of NHS, Schools, Councils, Universities & Private Sector Businesses. I have over 12 years experience at Mr Memory and really enjoy connecting & building long-lasting relationships with our customers.

kerry@mrmemory.co.uk
01903 692 214

ABOUT MR MEMORY

At Mr Memory, we’re in our 26th year as the leading specialist supplier in the UK of high quality Memory/RAM for all Laptops, Desktops and Servers.

We also specialise in supplying the highest quality, specifically matched SSD Upgrades for all Laptop, Desktops & Servers.

All the memory/RAM & SSDs we supply for your machines are guaranteed matched parts, 100% compatible & comes with a lifetime warranty using the top brands in the world.

We also provide dedicated Account Management to many large companies and organisations, both in the UK & across the globe, including NHS Trusts, Government, Schools, Councils & Private Industry.

We pride ourselves on keeping up-to-date with all the latest models released across all manufacturers. We were the first to market with the New Apple iMac 2019 Retina 32GB modules to upgrade the iMac to 128GB maximum.

Visit mrmemory.co.uk for further information about all products & services we supply.
Media Coverage

In December 2017 we were featured in both the Mail on Sunday & thisismoney.co.uk

Read the full article here:
https://www.mailonsunday.co.uk/money/bills article-5139267

Quick Facts

- 38,500+ ★★★★★ Trustpilot Reviews
- The Experts in Computer Memory
- Established 1994
- Lifetime Warranty
- 100% Compatible
- Upgrades for all Computer Models
- New Models added Daily
- Over 2 Million upgrade Options
- Best Brands in the World
- Shipping to 120+ countries Worldwide
- 1st Class Customer Support
- Highly customer driven

5★ THESE CHAPS HAVE GOT THEIR SERVICE...

“These chaps have got their service perfectly honed. Their website points you effortlessly to the parts that you need, and all are well priced. The piece of kit I purchased arrived the next day and this was followed up by an email with helpful installation tips. There was also a complimentary bag of sweeties! - In short, I cannot fault the service and will definitely use them again.”

Robert, 26th May 2019

5★ MEMORY PURCHASE

“One of the best companies I have had the pleasure of dealing with. Items ordered were exactly what we expected, good quality service.”

Paul, 25th May 2019

5★ I EMAILED MR MEMORY FOR ADVICE ON...

“I emailed Mr Memory for advice on updating the memory allocation in a Apple Mac Pro. I had a very useful reply in a matter of minutes. I ordered the memory chips and they arrived the next day along with thorough instructions on how they should be installed. I ran a test on them with Tech Tool Pro. All worked fine. A great service.”

Alan, 24th May 2019
What Mr Memory Offers

CUSTOMER CARE, HELP & SUPPORT

The goal at Mr Memory is to provide all of our customers with the best level of service in the industry, and we believe we are achieving this goal. Our friendly dedicated team is here to help, providing the highest standards of care, before, during and after your purchase.

Whatever the issue or question – we aim to assist clearly and promptly. Our fast and free returns policy also gives you complete peace of mind when sending products back to us.

DELIVERY

Mr Memory ships to all areas of the UK and most countries Worldwide. Getting your order to you quickly and safely is very important to us. That is why we trust our deliveries to carefully selected couriers.

We have various options available from 1st Class Royal Mail to Pre 10.30am delivery by DPD Courier (who offer a 1hr delivery time slot) – please speak to your Account Manager or visit mrmemory.co.uk for more details.

CREDIT ACCOUNTS

We offer instant 30 day credit status to all Schools, Universities, Councils, NHS Trusts, Fire / Police authorities, and all Government Departments.

We are also happy to accept applications to open trade accounts from private businesses, resellers and dealers. Please email kerry@mrmemory.co.uk for more information on how to apply for credit status.
What Mr Memory Offers

THE LEADING BRANDS & MANUFACTURERS

Mr Memory only supply Memory from the best manufacturers in the world. Below are some examples of the brands we supply.

We have the largest database of Make and Models providing over 2 million upgrade options on memory/RAM and SSDs. We can supply all Desktops, Laptops & Servers as well as EPOS Terminals and ATM machines.

Apple, Dell, Fujitsu, HP, & Lenovo are some of the major makes we can supply memory/RAM & SSD upgrades for.

If you are unable to find your model listed, please email kerry@mrmemory.co.uk

PACKAGING

Mr Memory packages all memory/RAM & SSDs in Antistatic conditions. Below explains the way we package the products to ensure a quick and safe delivery:

All small orders are sealed in 3 layers of high quality packaging that will fit through most letter boxes:

- Following our standard memory test, your modules are sealed into individual anti-static bags providing protection against static electricity and moisture.
- We then seal this in a padded envelope along with your invoice.
- Finally, for maximum protection we place the envelope in a tough water-resistant plastic bag.

For larger orders we use strong cardboard boxes with foam inserts to provide maximum protection.

We also provide a bespoke packaging and labelling service. Please email kerry@mrmemory.co.uk if you have any special packaging or labelling requirements.
Laptop Upgrades

**DDR4**
Available in 4GB, 8GB & 16GB modules.
The DDR4 module has 260-pins with operating speeds ranging from 2133MHz – 3200MHz (PC4-17000 – PC4-25600) dependant on the machines specification.

**DDR3**
Available in 1GB, 2GB, 4GB, 8GB & 16GB modules.
The DDR3 module has 204-pins with operating speeds ranging from 1066MHz – 1866MHz (PC3-8500 – PC3-14900) dependant on your machines specification. Some of the DDR3 range are available in low voltage 1.35v using less volts of power than standard memory/RAM.

**DDR**
Available in 512MB & 1GB modules.
The DDR module has 200-pins with speeds ranging from 266MHz – 400MHz (PC2-4200 – PC2-6400) dependant on your machines specification. We will match the specific DDR memory/RAM to your make and model of laptop.

**Desktop Upgrades**

**DDR4**
Available in 4GB, 8GB & 16GB modules.
The DDR4 module has 288-pins with operating speeds ranging from 2133MHz – 3200MHz (PC4-17000 – PC4-25600) dependant on your machines specification.

**DDR3**
Available in 1GB, 2GB, 4GB, 8GB & 16GB modules.
The DDR3 module has 240-pins with operating speeds ranging from 1066MHz – 1866MHz (PC3-8500 – PC3-14900) dependant on your machines specification. Some of the DDR3 range are available in low voltage 1.35v using less volts of power than standard memory.

**DDR2**
Available in 1GB, 2GB & 4GB modules.
The DDR2 module has 240-pins with operating speeds ranging from 533MHz – 800MHz (PC2-4200 – PC2-6400) dependant on your machines specification.

**DDR**
Available in 256MB, 512MB & 1GB modules.
The DDR module has 200-pins with speeds ranging from 266MHz – 400MHz (PC2100 – PC3200) dependant on your machines specification.

*We will match the specific memory/RAM to your make and model of laptop.

*These are the most popular memory/RAM types. However, if you require any other modules please email kerry@mrmemory.co.uk for a price. We will match the specific memory/RAM you require to your specific laptop.
Server Upgrades

**ECC UNBUFFERED**

ECC UDIMMs contain error correction code (ECC). The ECC function helps detect and correct single-bit memory errors, which can cause sudden shutdowns, reboots, file corruption or data loss.

Available in DDR to the latest DDR4, with a wide range of sizes.

**ECC REGISTERED**

ECC Registered (RDIMMs) contain a register chip, which directs data commands and helps control the flow of data within the server. The register chip deals with multiple-bit memory errors, which can cause sudden shutdowns, reboots, file corruption or even data loss.

Available in DDR to the latest DDR4, with a wide range of sizes. We will ensure the correct memory/RAM is supplied for your specific make and model of server.

**ECC REGISTERED (LOAD REDUCED)**

ECC Registered Load Reduced is a load-reduction (LR) DIMM used in servers that supports higher densities than Registered DIMMs and contains a memory buffer chip, as opposed to a register, in order to reduce and minimize the load on the server memory bus.

Available in DDR3 & DDR4 with a range of sizes.

**FBDIMMS (FULLY BUFFERED DDR2)**

FBDIMMs utilize a buffer chip to control the flow of data, maintain signal integrity, and reduce soft errors. FBDIMMs are compatible with DDR2 servers that support the FBDIMM form factor and are available in a range of configurations that include single, dual, and quad-ranked modules in 1GB to 8GB sizes, and speeds ranging from 667MHz – 800MHz (PC2-5300 – PC2-6400).

**VLP (LOW PROFILED)**

**HIGH END SERVERS & SPECIFIC BUILDS**

Very low profile modules have the same technology as the ECC Registered modules however these are 40% shorter in height than a standard size module. VLP RDIMMs allow the improved airflow and more effective cooling in small form factor servers.

*We will ensure the correct memory/RAM is supplied for your specific make and model of server.*
Kingston SSDs

Upgrade your Device with a Kingston SSD to significantly reduce boot up and loading times. SSDs are not only faster than traditional hard disk drives, but also consume less power, generate less heat, weigh less and are silent in their operation.

We can supply them with or without installation kits and we can provide full installation support, if required.

Here are our most popular Kingston SSDs:

Desktop / Laptop use:

**KINGSTON UV500**
Available in sizes 120GB – 1.92TB, the UV500 dramatically improves your system’s responsiveness with incredible boot, loading and transfer times compared to mechanical hard drives. UV500 also provides end-to-end data protection using 256-bit AES hardware-based encryption and support for TCG Opal 2.0 security management solutions.

**KINGSTON A400 SSD**
Available in sizes 120GB – 960GB, the A400 solid-state drive dramatically improves the responsiveness of your existing system with incredible boot, loading and transfer times compared to mechanical hard drives. Powered by a latest-gen controller for read and write speeds of up to 500MB/s and 450MB/s1, this SSD is 10x faster than a traditional hard drive for higher performance, ultra-responsive multi-tasking and an overall faster system.

*If you require any other SSD manufacturers or types please email kerry@mrmemory.co.uk for a quotation.

Enterprise / Server use:

**KINGSTON DC500 SSD**
Available in sizes 480GB – 3.84TB, Data Center 500 series (DC500R/DC500M) are high performance 6Gbps SATA SSD using the latest 3D TLC NAND designed for read-centric and mixed-use server workloads. They implement strict QoS requirements to ensure consistent random I/O performance as well as predictable latencies over a wide range of read and write workloads. On-board Power Loss Protection (PLP) with power capacitors ensures that data-in-flight is written to the NAND to reduce the likelihood of data corruption.

**KINGSTON HyperX**
Available in sizes 240GB – 960GB, the HyperX SSD offers extreme performance for the extreme performer. The fastest HyperX SATA-based SSD, The result is ultra-responsive multitasking and an overall faster system that maintains performance even as the drive fills up. Also a great solutions for gaming machines.
Samsung SSDs

Upgrade your Device with a Samsung SSD to significantly reduce boot up and loading times. SSDs are not only faster than traditional hard disk drives, but also consume less power, generate less heat, weigh less and are silent in their operation.

We can supply them with or without installation kits and we can provide full installation support, if required.

Here are our most popular Samsung SSDs:

**Desktop / Laptop use:**

**SAMSUNG EVO / PRO 860**
Available in sizes 256GB – 4TB, built for workstations, NAS, and high-end computing this SSD gives Less-lag gaming and rendering, smooth multitasking performance and are designed for mainstream PCs and laptops. They also help with super-fast large file transfers and wide compatibility with 2.5-inch, mSATA, and M.2 types available.

**SAMSUNG EVO 970 NVMe M.2**
Available in sizes 256GB – 2TB, the 970 EVO will particularly appeal to those customers that want to discover next generation PC performance. The 970 EVO transforms high-end gaming and streamlines graphic-intensive workflows with the new Phoenix controller and Intelligent TurboWrite technology.

**Enterprise / Datacentre / Server use:**

**SAMSUNG SM883**
Available in sizes 240GB – 3.84TB, SM883 delivers enhanced reliability at 3 DWPD from MLC NAND technology. It also has various capacity, 240 GB to 3.84 TB. With sequential write speed up to 520 MB/s and random write speed up to 29K IOPS, it enables faster work in the data center.

**SAMSUNG PM883**
Available in sizes 240GB – 7.68TB, PM883 offers capacity of the competition while handling heavy mixed workloads with reduced latency. PM883 has various capacity up to 7.68 TB, faster sequential read speed, 550MB/s, and less TCO compared with conventional HDDs. This is suitable for various servers, including web, streaming, application and cache servers.

*If you require any other SSD manufacturers or types please email kerry@mrmemory.co.uk for a quotation.
High Performance Products

HyperX

HyperX is the high-performance product division of Kingston Technology, the world’s largest independent memory/RAM manufacturer. We supply the DDR3 and DDR4 memory in Laptop, Desktop memory sizes as well as the HyperX range of SSDs.

Featuring best-in-class components that have delivered superior performance, quality and aesthetic design for more than a decade, HyperX products are the choice of top-rated gamers, tech enthusiasts and overclockers worldwide.

Encrypted USBs

With GDPR in place since May 2018 encrypting data has never been more important. Mr Memory supplies a wide range of Encrypted USB solutions.

Please email kerry@mrmemory.co.uk for more information about how we can help encrypt your data.

Industrial Memory

Mr Memory supply Industrial Grade Memory products from leading manufacturers including ATP, InnoDisk, Pretec and APRO. The products we supply are specifically designed for use in the most demanding environments and mission-critical applications such as medical, defence, aerospace, nautical, and automotive.

Please email kerry@mrmemory.co.uk for more information and to discuss the best solution to fit your requirement.
Contact Us

Should you have any further questions, please contact us:

**TEL:** 01903 692 214  
**EMAIL:** kerry@mrmemory.co.uk  
**WEB:** mrmemory.co.uk  
**FAX:** 01903 692 212

D3 Yeoman Gate, Yeoman Way  
Worthing, West Sussex, BN13 3QZ,  
United Kingdom

You can also check out news and technical information by engaging with Mr Memory’s social media feeds:

- mrmemory.co.uk  
- mrmemory_co_uk
- mmrmemory.co.uk

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**ALL MAJOR PAYMENT OPTIONS ACCEPTED**

All major credit cards accepted by phone, using our 100% secure online ordering system, or via Paypal.

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mrmemory.co.uk

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