Speed up your servers
Get more out of your IT budget

Micron® Server DRAM increases performance and helps maximize IT budgets.

Speed up applications and get more out of your IT budget with Micron Server DRAM. Maximizing installed memory capacity with Micron Server DRAM is one of the easiest and most affordable ways to make your deployments faster and more efficient.
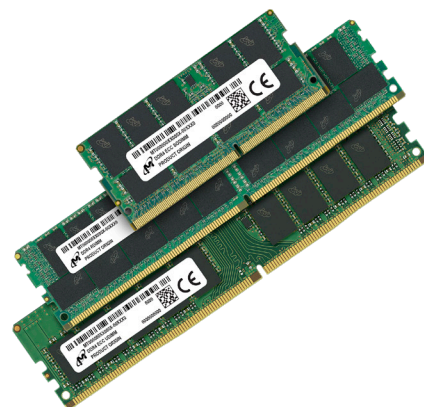
Speed up server applications

By installing Micron DRAM, you'll be able to maximize the performance capability of your CPUs and optimize your servers' computing potential. Since memory typically functions as a fixed (non-shared) component, it's often a bigger performance constraint than processors or storage drives, which can be shared. Boost your investment in server infrastructure by maximizing memory capacity.

Get more out of your IT budget

At a fraction of the cost of new servers, Micron DRAM allows you to extend the life and performance of your existing infrastructure and get more out of the systems you already have. Even if you need to replace existing servers, you can still save by buying new servers with the least amount of pre-installed memory, then upgrade to the maximum memory capacity with Micron Server DRAM.

Key Features

- **Increase server and workstation performance**

- **Optimized for the latest Intel® and AMD® processor product families**

- **100% component and module tested to mission-critical server standards**

- **Three-year warranty**

- **A wide selection of module configurations including RDIMM, VLP RDIMM, LRDIMM, ECC UDIMM, VLP ECC UDIMM, and ECC SODIMM**

Micron®

Run more virtual machines and increase the responsiveness of virtualized applications

Since most of today's enterprise applications are stored on servers and distributed to a number of virtual machines, the amount of installed server memory plays a more critical role than ever before. Every virtual machine running on a server typically requires a dedicated amount of memory, meaning the more virtual machines you're running, the more memory you'll need.

Available in the latest technology

With module densities up to 128GB, Micron Server DRAM enables you to maximize system performance by increasing the installed memory capacity of each server. Built with new technology that allows more gigabits per component, Micron DDR4 16Gb-based memory utilizes higher density components, resulting in modules that are twice as dense as 8Gb-based modules.

Streamlined SKUs and stock availability

Buying JEDEC-compatible Micron Server DRAM has never been easier. For customers who don't require in-depth testing and qualification, Micron offers simplified server memory SKUs with optimized availability. The benefit? Fewer out-of-stock SKUs and delays. Micron has the available, high-quality, in-stock, compatible DDR4 server memory that customers need today.

Micron Server DRAM Product Lines:

RDIMM

- RDIMMs include a register chip which directs data commands and helps control the flow of data within the server
- Integrated ECC parity helps prevent data errors and increases overall system reliability
- Optimized for the latest Intel® and AMD® based servers
- Available in both standard and VLP module heights

LRDIMM

- Designed for memory-intensive server applications
- Reduces electrical loads presented to the CPU for significant power savings
- Ideal for hyperscale computing, virtualization, cloud computing, big data, and more

ECC UDIMM

- Engineered for cost-effective performance in workstations and entry-level servers
- Available in multiple capacities and configurations
- Ideal for office applications, designing digital media, editing videos or hosting web content
- Available in both standard and VLP module heights

ECC SODIMM

- Engineered specifically for small form factor servers and workstations
- Increases system stability and reliability with error correction code (ECC) parity
- Ideal for microserver workloads in space-constrained environments

Micron®