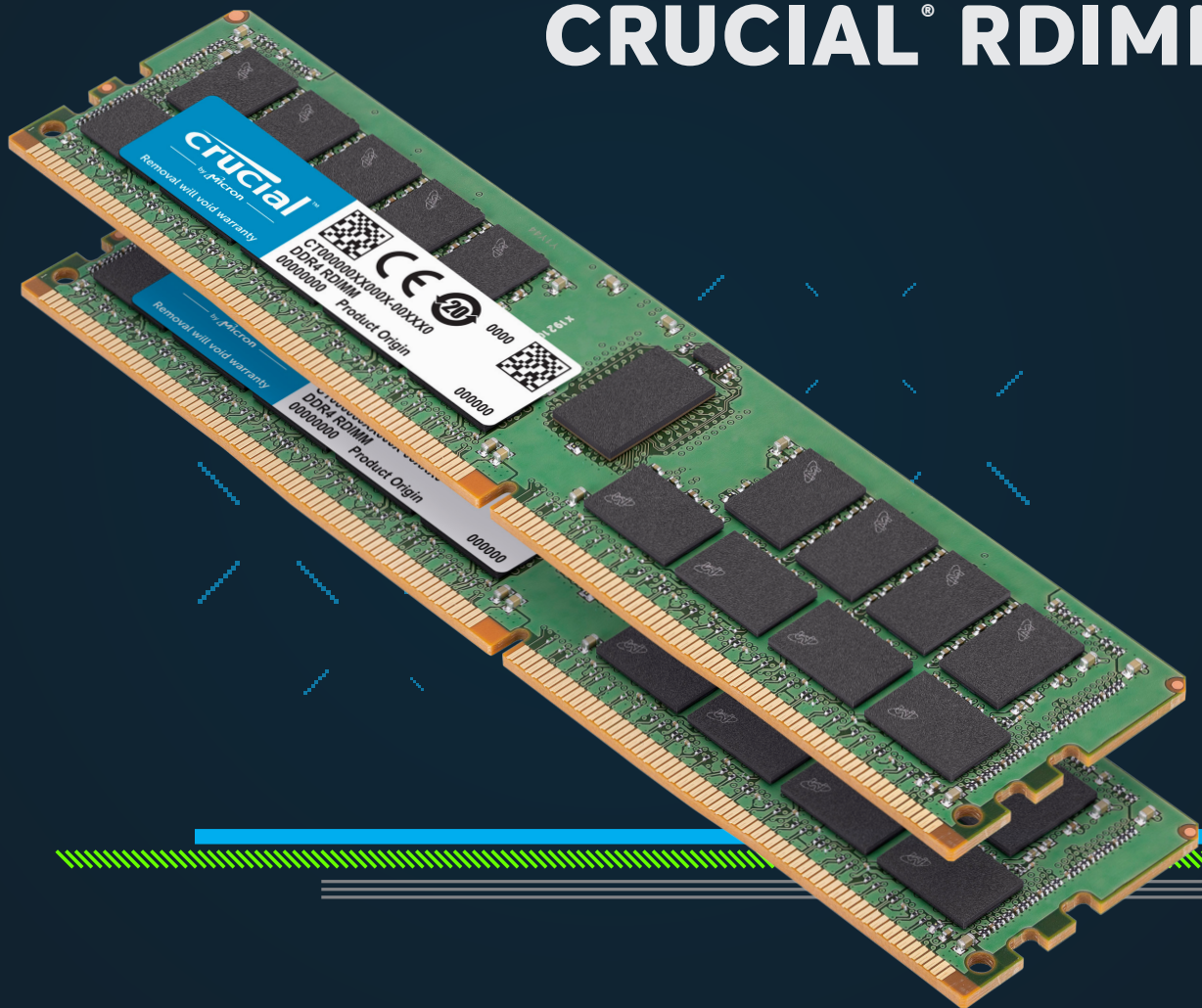




The memory & storage experts™

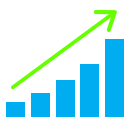
CRUCIAL® RDIMMs



INCREASE THE PERFORMANCE OF YOUR SERVERS

Buying new servers is expensive. Getting more out of your current infrastructure isn't.

Maximizing a server's installed memory capacity with Crucial® RDIMMs is one of the easiest and most affordable ways to make your deployments faster and more efficient. Crucial RDIMMs contain a register chip, which directs data commands and helps control the flow of data within the server. By virtue of the register chip, Crucial RDIMMs have ECC parity, which helps prevent data errors and increases overall system reliability.



Increase server
performance



Enable greater installed memory
capacity per server



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

CRUCIAL® RDIMM SERVER MEMORY

Speed up server applications

By installing Crucial RDIMMs, 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. Maximize 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, Crucial RDIMMs allow you to extend the life and performance of your existing infrastructure and get more out of the rack space you already have. Even if you need to replace existing deployments, you can still save by buying servers with the least amount of preinstalled memory, then fully populating the installed memory capacity with Crucial RDIMMs.

Compatible with OEM servers and warranties¹

Similar to how you can upgrade a server's preinstalled components and choose whichever brands you want, you can do the same with memory – without having to worry about voiding your manufacturer's warranty. In terms of system compatibility, Crucial RDIMMs are optimized for the latest leading computing platforms and 100% component and module tested.

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 and speeds up to 3200 MT/s, Crucial DDR4 RDIMMs allow you to maximize system performance by increasing the installed memory capacity of each server. Built with the latest DRAM technology that allows more gigabits per component, Crucial DDR4 16Gb-based memory utilizes higher density components, resulting in DDR4 modules that are twice as dense as 8Gb-based modules.

Backed by the Reliance Program²

When you make an enterprise-level investment in Crucial® products, we believe you deserve a higher level of support. The Reliance Program offers qualified customers up to four additional benefits that affirm our commitment to your servers through service call reimbursements, on-site spares, 24/7 technical support through our direct hotline, and special bulk shipping options.

Micron® quality – a higher level of reliability.

Server memory that's built to last requires lasting industry relationships and technology collaboration over multiple product cycles. As a brand of Micron, we work closely with the industry leaders in CPU and platform development, along with the leading server and motherboard manufacturers to enable the next level of memory technology. The result? More than 40 years of expertise that's poured into die selection, DRAM and PCB design, module assembly, and testing from start to finish. This can only be achieved by a true memory manufacturer – don't settle for anything less.



RDIMM	DDR3	DDR4
DENSITY	8GB, 16GB	4GB, 8GB, 16GB, 32GB, 64GB, 128GB
SPEED	1600 MT/s, 1866 MT/s	2666 MT/s, 2933 MT/s, 3200 MT/s
VOLTAGE	1.5V, 1.35V ²	1.2V
RANK	Single, Dual	Single, Dual, Quad
COMPONENT CONFIGURATION	x4, x8	x4, x8
PIN COUNT	240-pin	288-pin

Limited lifetime warranty valid everywhere except Germany, where warranty is valid for 10 years from date of purchase.

Capable processor and motherboard required to achieve maximum memory speed. Speeds based on internal testing. Actual performance may vary.

1. Installing Crucial server memory does not invalidate OEM warranties. Some major server manufacturers have reserved the right to void the warranty based on their discretion.

2. Reliance Program benefits may vary and are only available to qualified customers in select regions. Contact your Crucial sales representative for more information.

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