



Crucial® LRDIMMs

Maximize memory performance and get more out of your servers

Memory-dependent server applications are often inhibited by RDIMM channel ranking limitations. Crucial LRDIMMs solve this problem by utilizing a memory buffer chip that reduces electrical loads presented to the memory bus, allowing more DIMMs to be populated per channel. The result? **Increased memory bandwidth, improved energy efficiency, and greater memory density compared to standard RDIMMs.**



Increase memory bandwidth and performance

Since Crucial LRDIMMs are engineered to reduce electrical loads presented to the CPU, they enable more installed DIMMs per channel for greater memory density. With more memory density and reduced electrical loads, servers are able to run Crucial LRDIMMs at a greater frequency for more memory bandwidth.



Increase energy efficiency and lower your TCO

Crucial LRDIMMs transmit power in a more efficient manner to the CPU – via the data path buffer – allowing for additional power savings and a lower total cost of ownership. Plus, Crucial LRDIMMs are backed by the Reliance Program¹ and a limited lifetime warranty to further minimize your TCO.



Increase the performance of demanding server applications

For memory-dependent server applications such as hyperscale computing, virtualization, cloud computing, Big Data, and more, you'll be hard-pressed to find a more cost-effective performance solution. Because Crucial LRDIMMs enable dramatic performance gains, they're the smart way to increase memory bandwidth and capacity.



Available in the latest technology

Increasing memory density starts at the component level, and Crucial DDR4 LRDIMMs leverage 8Gb-based components to deliver modules up to 64GB. Higher component densities enable higher density modules, which, in turn, allows for greater installed memory capacity per server and makes it easy to scale up. Now available for cutting-edge DDR4 server platforms, Crucial DDR4 LRDIMMs are optimized for the latest Intel® Xeon® processor product families, allowing you to maximize next-generation deployments.



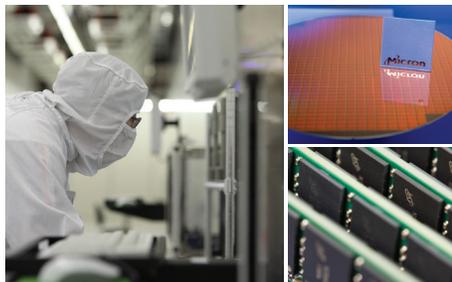
Backed by the Reliance Program¹ | RELIANCE

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.

PRODUCT HIGHLIGHTS

- Eliminate channel ranking limitations associated with standard RDIMMs
- Enable more installed DIMMs per channel for greater memory density
- More memory bandwidth than standard RDIMMs
- More energy efficient than standard RDIMMs
- 100% component and module tested to mission-critical server standards
- Compatible with OEM servers and warranties
- Optimized for Intel® Xeon® processor product families
- Limited lifetime warranty

Micron® quality – a higher level of reliability



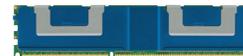
Server memory that's built to last requires lasting industry relationships and technology collaboration over multiple product cycles. As a brand of Micron, we work closely with the industry leaders in CPU and platform development, along with the leading server and motherboard manufacturers to enable the next level of memory technology. The result? More than 35 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.

Crucial DDR4 LRDIMM modules²



PART NUMBER	MODULE TYPE	DENSITY	SPEED	RANK	VOLTAGE	COMP CONFIG	CAS LATENCY	UPC
CT32G4LFD424A	LRDIMM 288-pin	32GB	2400MT/s	Dual	1.2V	2Gx4	CL17	649528772626
CT64G4LFQ424A	LRDIMM 288-pin	64GB	2400MT/s	Quad	1.2V	4Gx4	CL17	649528772671

Crucial DDR3 LRDIMM modules³



PART NUMBER	MODULE TYPE	DENSITY	SPEED	RANK	VOLTAGE	COMP CONFIG	CAS LATENCY	UPC
CT32G3ELSDQ4186D	LRDIMM 240-pin	32GB	1866MT/s	Quad	1.5V	2Gx4	CL13	649528766489

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

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

2. Available in 2pc and 4pc kits.
3. Available in 2pc and 3pc kits.