



Crucial® DDR4 8Gb-based Server Memory

The next step in DDR4 server memory technology is here.

Process data faster. Reduce power expenses. And minimize your TCO. It all starts with optimizing speed, efficiency, and your IT budget with Crucial® DDR4 8Gb-based server memory.

Maximize channel density



Higher density components enable higher density modules, which offer increased performance. This makes it easy to scale up in the future as dependence on server applications increases through expanded virtualization, OLTP, Big Data, in-memory databases, and more – all of which rely on memory density and performance.

Increase energy efficiency and minimize your TCO



Higher-density modules provide more value per gigabit and are also up to 20% more energy efficient than current 4Gb-based offerings.¹ Crucial 8Gb-based server memory also yields a more cost-effective 32GB module when compared to a 4Gb-based 32GB module. Taken together, the increase in density and value contribute to a marked improvement in total cost of ownership.

Enhance server reliability



Crucial 8Gb-based server memory is extensively tested to mission-critical standards and backed by the Reliance Program² and a limited lifetime warranty.³ Validated for the next generation of Intel® Xeon® server product families, Crucial DDR4 8Gb-based memory maximizes next generation server deployments.

PRODUCT HIGHLIGHTS

- Higher component densities enable higher density modules
- Greater installed memory capacity per server
- Available in RDIMMs, LRDIMMs, and ECC UDIMMs in a range of popular densities
- Up to 20% more energy efficient than 4Gb-based modules¹
- Validated for the latest Intel® Xeon® processor product families
- Compatible with OEM servers and warranties
- Quality tested to mission-critical server standards
- Backed by the Reliance Program²
- Limited lifetime warranty³

Micron® quality—a higher level of reliability.



As a brand of Micron, one of the largest memory manufacturers in the world, Crucial DDR4 memory represents the future of server capability. From the original DDR technology to DDR4, we've engineered the memory technologies that have powered the world's servers for 35 years and counting. Designed for leading platforms, compatible with OEM systems and warranties, and backed by a limited lifetime warranty, Crucial DDR4 memory pushes the limits on server performance.

Crucial® DDR4 8Gb-based server modules



CRUCIAL PART NUMBER	MODULE TYPE	DENSITY	SPEED	RANK	VOLTAGE	COMP CONFIG	CAS LATENCY	UPC
CT16G4TFD824A	ECC SODIMM 260-pin	16GB	2400MT/s	2	1.2V	1024M x 8	CL17	649528772374
CT8G4WFS824A	ECC UDIMM 288-pin	8GB	2400MT/s	1	1.2V	1024M x 8	CL17	649528772428
CT16G4WFD824A	ECC UDIMM 288-pin	16GB	2400MT/s	2	1.2V	1024M x 8	CL17	649528772473
CT16G4WFD8213	ECC UDIMM 288-pin	16GB	2133MT/s	2	1.2V	1024M x 8	CL15	649528772251
CT8G4RFS824A	RDIMM 288-pin	8GB	2400MT/s	1	1.2V	1024M x 8	CL17	649528772527
CT16G4RFS424A	RDIMM 288-pin	16GB	2400MT/s	1	1.2V	2048M x 4	CL17	649528772572
CT16G4RFD824A	RDIMM 288-pin	16GB	2400MT/s	2	1.2V	1024M x 8	CL17	649528771766
CT32G4RFD4213	RDIMM 288-pin	32GB	2133MT/s	2	1.2V	2048M x 4	CL15	649528772305
CT32G4RFD424A	RDIMM 288-pin	32GB	2400MT/s	2	1.2V	2048M x 4	CL17	649528771834
CT32G4LFD424A	LRDIMM 288-pin	32GB	2400MT/s	2	1.2V	2048M x 4	CL17	649528772626
CT16G4VFS424A	VLP RDIMM 288-pin	16GB	2400MT/s	1	1.2V	2048M x 4	CL17	649528773081

Channel partners will be notified when new module types and densities become available.



2 Piece Crucial® DDR4 8Gb-based server module kits

CRUCIAL PART NUMBER	MODULE TYPE	DENSITY	SPEED	RANK	VOLTAGE	COMP CONFIG	CAS LATENCY	UPC
CT2K16G4TFD824A	ECC SODIMM 260-pin	32GB Kit (16GBx2)	2400MT/s	2	1.2V	1024M x 8	CL17	649528772404
CT2K8G4WFS824A	ECC UDIMM 288-pin	16GB Kit (8GBx2)	2400MT/s	1	1.2V	1024M x 8	CL17	649528772442
CT2K16G4WFD824A	ECC UDIMM 288-pin	32GB Kit (16GBx2)	2400MT/s	2	1.2V	1024M x 8	CL17	649528772497
CT2K16G4WFD8213	ECC UDIMM 288-pin	32GB Kit (16GBx2)	2133MT/s	2	1.2V	1024M x 8	CL15	649528772268
CT2K8G4RFS824A	RDIMM 288-pin	16GB Kit (8GBx2)	2400MT/s	1	1.2V	1024M x 8	CL17	649528772541
CT2K16G4RFS424A	RDIMM 288-pin	32GB Kit (16GBx2)	2400MT/s	1	1.2V	2048M x 4	CL17	649528772596
CT2K16G4RFD824A	RDIMM 288-pin	32GB Kit (16GBx2)	2400MT/s	2	1.2V	1024M x 8	CL17	649528771797
CT2K32G4RFD4213	RDIMM 288-pin	64GB Kit (32GBx2)	2133MT/s	2	1.2V	2048M x 4	CL15	649528772312
CT2K32G4RFD424A	RDIMM 288-pin	64GB Kit (32GBx2)	2400MT/s	2	1.2V	2048M x 4	CL17	649528771865
CT2K32G4LFD424A	LRDIMM 288-pin	64GB Kit (32GBx2)	2400MT/s	2	1.2V	2048M x 4	CL17	649528772640
CT2K16G4VFS424A	VLP RDIMM 288-pin	32GB Kit (16GBx2)	2400MT/s	1	1.2V	2048M x 4	CL17	649528773104



4 Piece Crucial® DDR4 8Gb-based server module kits

CRUCIAL PART NUMBER	MODULE TYPE	DENSITY	SPEED	RANK	VOLTAGE	COMP CONFIG	CAS LATENCY	UPC
CT4K16G4TFD824A	ECC SODIMM 260-pin	64GB Kit (16GBx4)	2400MT/s	2	1.2V	1024M x 8	CL17	649528772411
CT4K8G4WFS824A	ECC UDIMM 288-pin	32GB Kit (8GBx4)	2400MT/s	1	1.2V	1024M x 8	CL17	649528772466
CT4K16G4WFD824A	ECC UDIMM 288-pin	64GB Kit (16GBx4)	2400MT/s	2	1.2V	1024M x 8	CL17	649528772510
CT4K16G4WFD8213	ECC UDIMM 288-pin	64GB Kit (16GBx4)	2133MT/s	2	1.2V	1024M x 8	CL15	649528772275
CT4K8G4RFS824A	RDIMM 288-pin	32GB Kit (8GBx4)	2400MT/s	1	1.2V	1024M x 8	CL17	649528772565
CT4K16G4RFS424A	RDIMM 288-pin	64GB Kit (16GBx4)	2400MT/s	1	1.2V	2048M x 4	CL17	649528772619
CT4K16G4RFD824A	RDIMM 288-pin	64GB Kit (16GBx4)	2400MT/s	2	1.2V	1024M x 8	CL17	649528771803
CT4K32G4RFD4213	RDIMM 288-pin	128GB Kit (32GBx4)	2133MT/s	2	1.2V	2048M x 4	CL15	649528772329
CT4K32G4RFD424A	RDIMM 288-pin	128GB Kit (32GBx4)	2400MT/s	2	1.2V	2048M x 4	CL17	649528771872
CT4K32G4LFD424A	LRDIMM 288-pin	128GB Kit (32GBx4)	2400MT/s	2	1.2V	2048M x 4	CL17	649528772657
CT4K16G4VFS424A	VLP RDIMM 288-pin	64GB Kit (16GBx4)	2400MT/s	1	1.2V	2048M x 4	CL17	649528773128

1. Product performance and efficiency improvements are noted as comparisons between 8Gb-based 16GB DDR4 RDIMMs and 4Gb-based 16GB DDR4 RDIMMs.
2. Reliance Program benefits may vary and are available to qualified customers only. Contact your Crucial representative for more information. Available in select regions only.
3. Limited lifetime warranty valid everywhere except Germany, where warranty is valid for ten years from date of purchase.