



New 64GB Crucial LRDIMMs Double a Server's Memory Capacity

September 12, 2013

New 64GB DDR3L Load-Reduced DIMMs Deliver Up to 35 Percent More Memory Bandwidth for Demanding Workloads

Key Messages:

- High-density Crucial® DDR3L Load-Reduced DIMMs enable users to populate more DIMMs per channel for up to twice the installed memory capacity of a server
- Offers up to a 35 percent increase in memory bandwidth compared to standard registered DIMMs, and eliminates the channel ranking limitation of standard DDR3 registered DIMMs
- Utilizes 1.35V for optimal energy efficiency
- Available in densities up to 64GB and kits up to 192GB

Multimedia Elements:

- [Crucial Image Gallery](#)
- [64GB DDR3L LRDIMM Product Flyer](#)

BOISE, Idaho and GLASGOW, United Kingdom, Sept. 12, 2013 (GLOBE NEWSWIRE) -- Crucial, a leading global brand of memory and server memory, today announced the 64GB Crucial DDR3L Load-Reduced DIMMs (LRDIMMs) for servers, which enable more DIMMs per channel for up to twice the installed memory capacity per server. Additionally, these modules offer up to a 35 percent increase in memory bandwidth per server compared to standard DIMMs, and eliminate the channel ranking limitation of standard DDR3 registered DIMMs. The Crucial DDR3L LRDIMMs is designed for IT professionals that manage high-end server environments with demanding workloads.

The 64GB Crucial DDR3L LRDIMMs operates using 1.35V, unlike the 1.5V common in DDR3 RDIMMs, making the new module more energy-efficient and cost-effective, especially in large deployments. Since Crucial LRDIMMs transmit power in a more efficient manner to the CPU (via the data path buffer), they use less voltage, which allows for additional power savings. These new memory modules are also compatible with OEM servers and warranties, allowing users to upgrade their existing server infrastructures without having to purchase an entirely new system. Crucial LRDIMMs fully support the latest Intel® Xeon® processor E5 family.

"For memory-intensive server applications such as cloud computing, virtualization, and in-memory databases, optimizing the capabilities of new or existing hardware is by far a more cost-effective solution than purchasing additional servers," said Michael Moreland, worldwide DRAM product marketing manager, Crucial. "The new 64GB Crucial LRDIMMs allow servers to reach the maximum amount of installed memory possible, which can enable dramatic performance gains in memory bandwidth and overall server productivity, all while reducing power costs relative to adding additional servers."

Crucial DDR3L LRDIMMs server memory is halogen-free and RoHS compliant. Available in densities up to 64GB and kits up to 192GB, the 64GB LRDIMM will be available to purchase in early calendar Q4 2013. Crucial LRDIMMs are backed by a limited lifetime warranty and are rigorously tested to meet or exceed the high-quality performance specifications customers have come to expect from Crucial. As a brand of Micron, one of the largest manufacturers of DRAM in the world, Crucial engineers work to design, refine, test, manufacture, and support an extensive line of memory modules. For more information about Crucial server memory, please visit www.crucial.com/server.

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About Crucial

Crucial is a global brand of Micron Technology, Inc. Crucial products include award-winning solid state drives (SSDs) and DRAM for more than 50,000 desktops, laptops, servers, workstations, and other systems. Crucial products are available worldwide at leading retail and e-tail stores, commercial resellers, and system integrators who can be found at www.crucialproducts.com. For more information or support, visit www.crucial.com.

About Micron

Micron Technology, Inc. is one of the world's leading providers of advanced semiconductor solutions. Through its worldwide operations, Micron manufactures and markets a full range of DRAM, NAND and NOR flash memory, as well as other innovative memory technologies, packaging solutions and semiconductor systems for use in leading-edge computing, consumer, networking, embedded and mobile products. Micron's common stock is traded on the NASDAQ under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com.

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contains forward-looking statements. Actual events or results may differ materially from those contained in the forward-looking statements. Please refer to the documents Micron files on a consolidated basis from time to time with the Securities and Exchange Commission, specifically Micron's most recent Form 10-K and Form 10-Q. These documents contain and identify important factors that could cause the actual results for Micron on a consolidated basis to differ materially from those contained in our forward-looking statements (see Certain Factors). Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements.

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