



Press Release
FOR IMMEDIATE RELEASE

SMART Modular Technologies Announces its 16GB DDR3 Load-Reduced DIMM

The new 16GB DDR3 LRDIMM scales next-generation enterprise server memory to higher capacity and bandwidth, supporting cloud computing and server virtualization.

NEWARK, CA, January 5, 2011 - SMART Modular Technologies (WWH), Inc. ("SMART" or the "Company") (NASDAQ: SMOD), a leading independent manufacturer of memory modules and solid state storage products, today announced the immediate availability of its 16GB DDR3 load-reduced DIMM (LRDIMM), which is particularly well suited to support growing cloud-computing and server-virtualization applications.

SMART's 16GB LRDIMM targets next-generation Intel® Sandy Bridge server and storage-based platforms for networking and high-performance computing applications. By selecting this LRDIMM memory solution, designers can populate all of the memory sockets in a system to their maximum density while operating at full clock speed.

The new LRDIMM uses the Inphi Corporation (NYSE: IPHI) Isolation Memory Buffer (iMB™) instead of a register, which enables higher performance at maximum system capacity. SMART's design approach minimizes loading and boosts overall server and storage system memory capacity by up to 4X, all while operating at data rates up to 1600MHz. Systems using Intel's Sandy Bridge are expected to begin shipping in the 2H'11, and system designs are underway now. For implementation on existing platforms, SMART and Inphi can provide bios modification guidance so that the LRDIMM benefits can be used prior to the industry launch in 2H'11.

SMART is currently running its 16GB DDR3 LRDIMMs on SuperMicro's X8DTN+ server board using Intel Westmere-EP processors. This enables the server board to be loaded with 288GB of memory to run at a 1333MHz data rate (eighteen 16GB DDR3-1333 LRDIMMs) for maximum performance and capacity.

Optimized for cost and short lead times, SMART's LRDIMM uses off-the-shelf, mainstream 2Gb DDR3 DRAM technology. This is in contrast to dual-die and quad-die packaged parts that typically have supply constraints and a cost premium. SMART's new LRDIMM is configured as a 2Gbx72 4-rank module with 2Gb 512Mx4 DRAMs running at a 1333MHz data rate. The LRDIMM with rank multiplication enables more ranks of DRAMs to be populated on the memory module and to be seamlessly accessed by the CPU memory controller.

In order to deliver high quality, competitively priced, high-density LRDIMMs, SMART uses its own unique method of DRAM stacking and leverages its in-house design and test expertise to ensure full system compatibility. SMART's stacking processes for DDR1, DDR2, and DDR3 are industry-proven and supported in high volume, and SMART's LRDIMMs are JEDEC compliant and widely supported by the industry.

The new LRDIMM joins a DDR3 product portfolio that is one of the most comprehensive in the industry, with planned expansions to 32GB and 64GB in Q2'11. For additional

information on SMART's 16GB LRDIMM (part number SG5722G4CH8L0PH) modules, visit www.smartm.com.

About SMART

SMART is a leading independent designer, manufacturer and supplier of electronic subsystems to original equipment manufacturers, or OEMs. SMART offers more than 500 standard and custom products to OEMs engaged in the computer, enterprise, industrial, networking, gaming, telecommunications, defense, aerospace and embedded application markets. Taking innovations from the design stage through manufacturing and delivery, SMART has developed a comprehensive memory product line that includes DRAM, SRAM, and Flash memory in various form factors. SMART also offers high performance, high capacity solid state drives, or SSDs, for enterprise, defense, aerospace, industrial automation, medical, and transportation markets. SMART's presence in the U.S., Europe, Asia, and Latin America enables it to provide its customers with proven expertise in international logistics, asset management, and supply-chain management worldwide. See www.smartm.com for more information.

Forward-Looking Statements

Statements contained in this press release, that are not statements of historical fact, including any statements that use the words "will," "believes," "anticipates," "project," "estimates," "expects," "intends," "scheduled" or similar words that describe the Company's or its management's future plans, objectives, or goals, are "forward-looking statements" and are made pursuant to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include those related to the Company's business strategies and product plans, product performance, reliability, quality and customer acceptance, and the market for the Company's products.

Such forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of the Company to be materially different from the historical results and/or from any future results or outcomes expressed or implied by such forward-looking statements. Factors that would cause or contribute to such differences include, but are not limited to, production or manufacturing difficulties, competitive factors, new products and technological changes, difficulties with or delays in the introduction of new products, declines or fluctuations in product prices and raw material costs and availability, dependence upon third-party vendors, customer demand for or acceptance or qualification of products, end user markets, changes in industry standards or release plans, fluctuations in the quarterly effective tax rate and related tax provision, failure to receive continued favorable tax treatment or renewals of exemptions from or benefits relating to certain taxes in foreign countries, higher than anticipated costs from increasing capacity, changes in foreign currency exchange rates, intellectual property disputes, and other risks detailed in the Company's periodic report filings with the Securities and Exchange Commission including the Company's Annual Report on Form 10-K for fiscal 2010 and the Company's Quarterly Report on Form 10-Q for the first quarter of fiscal 2011. Such risk factors as outlined in these reports may not constitute all factors that could cause actual results to differ materially from those discussed in any forward-looking statement.

The Company operates in a continually changing business environment and new factors emerge from time to time. The Company cannot predict such factors, nor can it assess the impact, if any, from such factors on the Company or its results. Accordingly, our

future results may differ materially from projections and investors are cautioned not to place undue reliance on any forward-looking statements. Forward-looking statements should not be relied upon as a prediction of actual results. These forward-looking statements are made as of today, and the Company does not currently intend, and has no obligation, to revise or update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this press release.

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