



**Press Release**  
FOR IMMEDIATE RELEASE

## **SMART Modular Technologies Announces Leading-Edge DDR3 Nonvolatile DIMM Product Line**

*Targeted for RAID storage and server applications, the new NVDIMMs leverage SMART's SafeStor™ technology, allowing OEMs to finally eliminate battery-backup of cache while achieving backup and restore speeds of greater than 10s/GB*

NEWARK, CA, February 22, 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 introduction of a new family of DDR3 nonvolatile DIMMs (NVDIMMs) for battery-free cache data backup in RAID storage applications. The new NVDIMMs leverage SMART's proprietary SafeStor technology, resolving the longstanding industry challenge of how to move away from battery backup schemes.

SMART's lineup of DDR3-1333 NVDIMMs ranges in density from 1 to 4GB and accommodates 1U applications with a low-profile 0.94" (24mm) 240-pin DIMM form factor. Additional densities ranging up to 8GB in a 1.18" (30mm) 240-pin DIMM JEDEC-standard form factor will be available in Q2'11.

"The need to eliminate batteries for 72-hour emergency cache backup has been an ongoing challenge for system designers," said Mike Rubino, SMART's Vice President of Engineering. "By using SMART's new family of DDR3 NVDIMMs, storage OEMs no longer need to be burdened with the disposal and field maintenance issues associated with batteries." The NVDIMMs function as JEDEC-standard DDR3 registered DIMMs with the added capability to back-up DRAM data into NAND flash during a power outage and then restore that data into DRAM once power has returned. The use of NAND flash as back-up storage provides years of retention capability versus days for battery-based systems.

SMART's NVDIMMs utilize a proprietary SafeStor engine to initiate backup and restore operations upon command from the host controller. The DDR3-1333 NVDIMMs support multiple command delivery options to trigger SafeStor backup during host-detected power outage or recovery events. The SafeStor engine employs multi-channel fast NAND and high-speed switching circuitry to provide an leading-edge backup and restore capability at 10s/GB, while still functioning as a standard DDR3 RDIMM at speeds up to 1333MHz during normal operation. Temporary power is provided to the NVDIMM during a power loss by a SuperCap module, which can be tailored to individual application environments. In addition, the new NVDIMMs feature an end-to-end error checking and correction capability to insure the highest levels of data integrity during backup and restore operations.

SMART is currently sampling its NVDIMMs to top-tier OEMs and is scheduled to ramp up in the second half of 2011. Please contact a SMART sales representative for further details.

### **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," "plans," 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, production, 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.

#### 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](http://www.smartm.com) for more information.

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