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## **SMART Modular Technologies to Showcase DRAM and Embedded Solid-State Solutions at SC11**

*Live demonstration of SMART's leading-edge nonvolatile cache backup for RAID storage systems in booth #5408.*

**Newark, CA, November 14, 2011** - SMART Modular Technologies, Inc., ("SMART"), a leading independent manufacturer of memory modules and embedded flash products, will showcase its full product portfolio during the SC11 exhibition (Washington State Convention Center, Seattle, WA from November 14 through 17). In its booth #5408, SMART will also perform demonstrations of its DDR3 NVDIMM product, which is designed specifically for RAID storage applications.

SMART offers a comprehensive lineup of DDR3-1333 NVDIMMs that range in density from 1 to 4GB and accommodate 1U applications with a low-profile 0.94" (24mm) 240-pin DIMM form factor. Additional densities are available ranging up to 8GB in a 1.18" (30mm) 240-pin DIMM JEDEC-standard form factor.

Resolving the longstanding industry challenge of how to move away from battery backup schemes, SMART's NVDIMMs use a proprietary SafeStor engine to initiate backup and restore operations. The DDR3-1333 NVDIMMs support multiple command delivery options to trigger backup during a host-detected power outage or recovery event. The SafeStor engine employs multi-channel fast NAND and high-speed switching circuitry to provide a 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.

Arthur Sainio, SMART's Director of Product Marketing, is available for press and industry analyst briefings to provide more information on SMART DRAM and embedded flash products. To schedule a briefing during or before the show, please contact Joy Donohue at [joy.donohue@smartm.com](mailto:joy.donohue@smartm.com).

### **About SMART Modular Technologies**

SMART Modular Technologies is a technology leader in the design, development and deployment of current and next-generation memory products. Combining leading-edge design and manufacturing with proven world-class support, SMART leverages its deep expertise in DRAM, SRAM and Flash architectures with world-class board-layout design. SMART delivers high-quality, high-reliability solutions to a broad customer base, including tier one computing and telecom OEMs. In support of these designs, SMART provides award-winning innovations in memory and embedded storage technologies. SMART Modular Technologies is part of the SMART family of global companies. See [www.smartm.com](http://www.smartm.com) for more information.

The SMART family of companies are leading designers, manufacturers, and suppliers of electronic subsystems for the most demanding OEMs around the world. The SMART companies have led the way over the past 23 years providing standard and custom products to today's leading global OEMs crossing major electronic industries. These industries include PC, enterprise and industrial servers, networking, telecom, defense, aerospace, gaming and embedded application markets. Taking innovations from the design stage through manufacturing and delivery, SMART Modular Technologies has developed a comprehensive memory product line that includes DRAM, SRAM, and Flash memory in various form factors. SMART Storage Systems offers high-performance, high-capacity 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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