



Press Release  
**FOR IMMEDIATE RELEASE**

## **SMART Modular Technologies Releases 32GB VLP DDR3 RDIMM**

*Operating at data rates up to PC3-10600, SMART Modular's CoolFlex VLP RDIMM products use off-the-shelf DDR3 DRAM to reduce cost.*

**Newark, CA, November 15, 2011** - SMART Modular Technologies, Inc., a leading independent manufacturer of memory modules and embedded flash products announces its CoolFlex 32GB DDR3 very-low-profile (VLP; 18.75mm) registered DIMM ("RDIMM"). With this new product, SMART Modular combines high-density DDR3 DRAM with state-of-the-art flexible substrate technology, dramatically expanding system memory capacity. This new VLP-RDIMM is well suited for use in leading-edge 1U networking and telecom routers and switches.

CoolFlex is a proven technology that helps double memory density, reduce costs, and leverage multi-source DRAM supply chains with highly reliable, high-speed, thermally enhanced DDR3 RDIMMs. By combining CoolFlex and DDR3 technologies, SMART Modular offers OEMs a practical and cost-effective high-density solution that provides a clear alternative to costly quad-die package (QDP) DIMMs.

"SMART Modular has extensive experience providing leading-edge, high-density solutions to Tier 1 OEMs around the world," stated Mike Rubino, SMART Modular's VP of Engineering. "This new high-density VLP RDIMM takes advantage of our strengths in printed-circuit-board and high-speed design capabilities."

Configured as quad-rank 4096Mx72, SMART Modular's CoolFlex 32GB VLP RDIMM allows networking and telecom blade OEM designers to populate their boards with up to four 32GB DIMMs per processor while using vertical sockets. Using off-the-shelf 4Gb DRAMs, SMART Modular's 16GB VLP CoolFlex RDIMM is configured as a dual-rank solution. Both the 32GB and 16GB CoolFlex modules are targeted at Intel-based networking, telecom and server systems. For specific part numbers and ordering information, please see the table below.

P/N	Speed	Density	Height	Configuration	DRAM Config.
SG5724G4AH8PDPH1	PC3-10600	32GB	18.75mm	4Gx72	512Mx4
SG5722G4AH8P6PH1	PC3-10600	16GB	18.75mm	2Gx72	512Mx4

### **About SMART Modular**

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

### **About SMART Holdings**

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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 all 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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