



## Press Release

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### **SMART Modular Technologies Announces the Industry's First 8GB Dual-Rank DDR2 Registered DIMMs**

*Storage capacity doubled and power consumption lowered  
in cost-effective PC2-4200 RDIMMs designed for high-end servers.*

FREMONT, CA, February 25, 2008 - SMART Modular Technologies (WWH), Inc. (SMART) (NASDAQ: SMOD), a leading independent manufacturer of memory modules, embedded computing subsystems, and TFT-LCD display products, today announced the industry's first cost-effective 8GB dual-rank PC2-4200 registered DIMM (RDIMM), featuring SMART's advanced packaging technologies and the MetaSDRAM chipset from MetaRAM, Inc. Designed for use in high-end servers, SMART's new RDIMM doubles available storage capacity, while significantly lowering cost compared to traditional dual-rank modules, and improving system performance by lowering power consumption with use of a four-rank module solution.

The new module combines SMART's advanced DDR2 packaging technologies with the MetaRAM chipset architecture, enabling servers to replace the functionality found in modules built with more expensive components. For example, SMART's 8GB RDIMM doubles the maximum memory capacity from 128GB to 256GB on AMD™ Barcelona-based 32-slot motherboards for high performance computing (HPC) and server applications. Also well suited for embedded computing, the SMART RDIMM provides up to 32GB of total capacity on the San Clemente-based, Cranberry Lake 4-slot small form factor platform offered by Intel®. Using conventional modules today to achieve these system densities would be impractical because of increased cost and power consumption and degradation of system performance due to excessive module bus loading.

By replacing four traditional 4GB dual-rank RDIMMs with two of SMART's 8GB dual-rank DDR2 RDIMMs, designers can reduce power consumption by up to 20 percent. "SMART's new high-density RDIMMs satisfy customers' needs for increased memory density while adopting the most cost-effective DRAM technology available," stated Alan Gulachenski, SMART's Senior Director of Advanced Memory Solutions. "SMART is extremely pleased to partner with MetaRAM and to have the opportunity to leverage MetaSDRAM technology in our latest 8GB memory modules. As a leading supplier of custom, high-density memory solutions, SMART prides itself on the ability to offer our customers leading-edge memory solutions."

"SMART's RDIMM featuring MetaRAM's MetaSDRAM chipset technology will help its customers meet the biggest challenge they currently face in their IT systems: closing the persistent gap between memory and processing improvements," said Suresh Rajan,

MetaRAM's Vice President of Marketing. "Processing power doubles every 18 months, while memory is now doubling only every 36 months, and that gap limits processor utilization for many applications. By incorporating MetaSDRAM in the 8GB RDIMM module, SMART offers customers an affordable, easy solution to boost system performance."

For more information about SMART's 8GB dual-rank RDIMMs, contact your SMART sales representative or visit [www.smartm.com](http://www.smartm.com).

#### 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," "estimates," "expects," "intends" 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 may include the company's financial performance, technical capabilities, business strategies and product plans as well as potential market demand for its 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, fluctuations in product prices and raw material costs, dependence upon third-party vendors, customer or market demand, changes in industry standards or release plans, and other risks detailed in the company's periodic report filings with the Securities and Exchange Commission. 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, forward-looking statements should not be relied upon as a prediction of actual results. The company is not obligated 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, industrial, networking, gaming, telecommunications, 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. Its Embedded Products Division develops embedded computing subsystems, backed by design and manufacturing, for markets supporting test equipment, 3G infrastructure and network processing applications. SMART's Display Products Group designs, manufactures and sells thin film transistors (TFT) liquid crystal display (LCD) solutions to customers developing casino gaming

systems as well as embedded applications such as kiosk, ATM, point-of-service, and industrial control systems. SMART's presence in the US, 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 <http://www.smartm.com> for more information.

#### About MetaRAM

MetaRAM, Inc. is a fabless semiconductor company focused on improving memory performance. The company's first product – MetaSDRAM™ – enables four times the amount of standard memory to be placed into existing systems without any modifications. The company is privately held, and venture funded by Kleiner Perkins Caufield and Byers, Khosla Ventures, Storm Ventures, and Intel Capital and is headquartered in San Jose, California. For more information, please go to [www.metaram.com](http://www.metaram.com).

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*MetaSDRAM is a trademark of MetaRAM, Inc.*