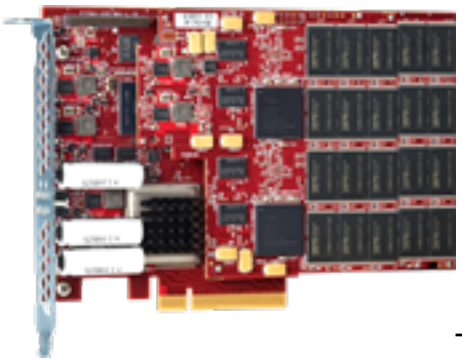
Texas Memory Systems Unveils 900 GB PCIe Flash Card



Texas Memory Systems, maker of The World’s Fastest Storage®, introduces the new high-performance RamSan-70, a 900-GB half-length PCIe card featuring Toshiba’s newest 32nm SLC Flash. The RamSan-70 carries on Texas Memory Systems’ tradition of delivering a complete integrated RamSan® storage solution on a single board.

The RamSan-70 is the first product powered by Texas Memory Systems’ new Series-7 Flash Controller. Based on high-performance Xilinx FPGAs and a PowerPC processor, the Series-7 Flash Controller handles all Flash management functions without impacting the host CPU. It incorporates patented TMS reliability technology, yielding an expected lifespan of 6-10 years. Its proprietary enterprise-level reliability features include chip-level RAID and an advanced ECC algorithm, correcting more errors than required by the manufacturer.

The Series-7 Flash Controller is field-upgradable, ensuring that TMS customers will always have the best performance and latest features. The Series-7 Flash Controller, combined with Toshiba 32nm SLC Flash, provides the enterprise-level performance and reliability customers expect from The World's Best Flash Storage.

“IT managers are always looking for ways to increase I/O performance, reduce latency, and improve overall system efficiency,” said Jeff Janukowicz, Research Manager for Solid State Storage Technology at IDC. “A PCIe Flash SSD, such as Texas Memory Systems’ RamSan-70, can solve many of these issues for IT managers and delivers a cost-effective solution for most demanding enterprise applications.”

Designed specifically for the OEM market, the RamSan-70 is the ideal in-server storage solution for data warehousing, enterprise resource planning (ERP), sophisticated data acquisition, scientific computing, and web content.

“The RamSan-70 establishes new capacity and performance standards for direct-attached storage customers,” said Dan Scheel, President of Texas Memory Systems.

“With this next generation of PCIe SSD innovation, we will continue engineering The World’s Fastest Storage for the full spectrum of customers.”

The RamSan-70 is scheduled for initial delivery in 4-8 weeks. For more information about the Gorilla, swing by http://RamSan.com/Gorilla [1].

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[1] http://ramsan.com/Gorilla