

OCZ Technology And Marvell To Debut Next Generation PCI Express Z-Drive R5 Solid State Solution At Storage Visions 2012

Enterprise PCIe SSD Utilizes OCZ and Marvell Jointly-Developed Kilimanjaro Platform to Deliver Unparalleled Performance and Versatility for Server and Enterprise Storage Clients

SAN JOSE, Calif., Jan. 6, 2012 /PRNewswire/ -- OCZ Technology Group, Inc. (Nasdaq: OCZ), a leading provider of high-performance solid-state drives (SSDs) for computing devices and systems, and [Marvell](#) (Nasdaq: MRVL), a worldwide leader in integrated silicon solutions, today unveiled the industry's fastest and most versatile PCI Express (PCIe) storage system, the Z-Drive R5. The increased performance, reliability, and endurance of the Z-Drive R5 is designed to take PCIe-based solid state storage to the next level for enterprise environments.

(Logo: https://investor.marvell.com/image/Marvell_logo.jpg)

The Z-Drive R5 features a jointly developed "Kilimanjaro" OCZ and Marvell native PCIe to NAND flash controller platform, allowing for completely scalable performance and redundancy while eliminating the need for a separate storage controller, thus reducing the cost to deploy high performance solid state storage systems in the data center.

The native PCIe Z-Drive R5 offers an intelligent, hardware-meets-software managed solution designed to dramatically accelerate database, enterprise, and virtualization applications. Combining high-performance architecture with OCZ managed software, the Z-Drive R5 provides second-to-none performance, flexibility, durability, and enhanced reliability features, allowing datacenters to rely on a PCIe-based SSD as their primary Tier 0/1 storage solution and a viable end-to-end SAN replacement.

The Z-Drive R5 is ideal for demanding computing environments and features:

- Incredible bandwidth capabilities and maximum transactional performance
- High capacities up to 12TB
- Ideal for all enterprise data types with both compressible and non-compressible files as well as large data sets
- Complete storage subsystem management with OCZ Virtualized Controller Architecture™ 3.0 software functions
- Compatible with VMware ESXi and ESX, Linux, Windows Server 2008, and OS X to support a wide range of systems and servers
- Complete power fail protection option for maximum data integrity
- Full height and half height sizes, ideal for space constrained 1U servers and multi-node rackmount servers
- MLC, eMLC, and SLC NAND Flash options

"We are continually pushing the envelope to deliver innovative PCIe SSDs to address challenges that our clients face when processing and managing ever growing amounts of complex data sets," said Ryan Petersen, CEO of OCZ Technology. "The Z-Drive R5, leverages the powerful Kilimanjaro platform to deliver superior performance, greater capacity, and an enhanced hardware and software feature-set that is unmatched in the industry. This best-of-breed next generation native solution enables clients to eliminate I/O bottlenecks for even the most data intensive server and enterprise storage applications."

"Marvell is excited to work with OCZ on this native PCIe to NAND flash controller platform, based on our [88NV9145 silicon](#)," said Alan Armstrong, vice president of Marketing for the Storage Business Group at Marvell Semiconductor, Inc. "We believe the PCIe SSD market will rapidly shift to a native PCIe to NAND architecture, and the Kilimanjaro platform represents OCZ and Marvell's strong collaboration in bringing this highly scalable architecture to market."

The Z-Drive R5 will debut at Storage Visions 2012 in the OCZ booth (No. 13) and will also be showcased at the 2012 Consumer Electronics Show (CES) in the Marvell booth (No. 30542) located in the South Hall 3 on the upper level.

About OCZ Technology Group, Inc.

Founded in 2002, San Jose, CA-based OCZ Technology Group, Inc. (OCZ), is a leader in the design, manufacturing, and distribution of high performance and reliable Solid-State Drives (SSDs) and premium computer components. OCZ has built on its expertise in high-speed memory to become a leader in the enterprise and consumer SSD markets, a technology that competes with traditional rotating magnetic hard disk drives (HDDs). SSDs are faster, more reliable, generate less heat and use significantly less power than the HDDs used in the majority of computers today. In addition to SSD technology, OCZ also offers high performance components for computing devices and systems, including enterprise-class power management products as well as leading-edge computer gaming solutions. For more information, please visit: www.ocztechnology.com.

About Marvell

Marvell (NASDAQ: MRVL) is a world leader in the development of storage, communications and consumer silicon solutions. Marvell's diverse product portfolio includes switching, transceiver, communications controller, wireless and storage solutions that power the entire communications infrastructure, including enterprise, metro, home and storage networking. As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, visit Marvell.com.

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