

Marvell And SanDisk Create New Generation Of Storage Microservers

Marvell to demonstrate joint solution at the 2012 Flash Memory Summit

SANTA CLARA, Calif., Aug. 21, 2012 [/PRNewswire/](#) -- Marvell (Nasdaq: MRVL), a worldwide leader in integrated silicon solutions, and SanDisk Corporation (Nasdaq: SNDK), a global leader in flash memory storage solutions, today announced their collaboration on a new generation of microservers for enterprise cloud storage. Combining Marvell's ARM reference design with SanDisk's SATA SSD modules, the solution offers an industry-leading combination of high performance, low power and extreme spatial efficiency for I/O intensive environments. Marvell will demonstrate the new platform in booth #800-802 at the 2012 Flash Memory Summit and Exhibition, which runs from August 21-23 at the Santa Clara Convention Center.

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

"SanDisk is pleased to partner with Marvell in the storage microserver market," said Kevin Conley, senior vice president and general manager, Client Storage Solutions at SanDisk. "Our collaboration underscores both companies' commitment on delivering low power server solutions that are helping fuel the demand for SSD-based storage in this fast growing market."

Servers based on the Marvell® quad core ARM-based ARMADA® XP SoC products – the world's first quad-core ARM processor designed for enterprise-class cloud computing applications – drive higher CPU utilization and offer demand based scaling. The result is lower power, higher efficiency server solutions for data centers and enterprises that lead to significant savings.

In addition, the Marvell ARMADA XP series of multi-core processors employs a very low power architecture and incorporates up to four Marvell-designed ARM V7 MP-compliant 1.6GHz CPU cores to deliver the best performance per Watt for next-generation "Green" system designs. The ARMADA XP series supports SMP (Symmetrical Multi-processing) / AMP (Asymmetrical Multi-processing) modes with hardware cache coherency and a 64-bit DDR2/DDR3 memory interface at an 800MHz clock rate (1600MHz data rate) to enable the utmost in performance.

SanDisk's SATA X100 SSDs used in the Marvell solution are high-speed, energy-efficient data storage products that offer improved performance for a wide range of applications. With an advanced solid state architecture and ability to achieve high data speeds, these SanDisk SSDs outpace traditional hard disk drives (HDDs) in every performance category. SanDisk's X100 SSDs offer a 6 Gbit/s SATA interface and achieve read and write speeds of up to 500 MB/s and 430 MB/s respectively. Providing up to 256GB of storage in an mSATA form factor, these SSDs can provide high density arrays of storage inside single blade configurations. And since they have no moving parts, SSDs run cooler, create less noise, and use less power than HDDs, that result in more efficient and reliable operation that can be optimal solution for microservers

"For Marvell, collaborating with SanDisk is an opportunity to bring to market the very best combination of ARM and SSD technologies as they relate to enterprise storage," said Ted Weatherford, senior director and product line manager, Cloud Services and Infrastructure (CSI) Business Unit at Marvell Semiconductor, Inc. "What's more, we've created a new generation of microservers that significantly outpaces competing attempts at speed, efficiency and, most importantly, scalability. To the extent that enterprises need to support an increasing number of machines and devices – inside and outside the office in a 24/7, global capacity – Marvell and SanDisk deliver a comprehensively connected lifestyle in a simple and powerful package."

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.

About SanDisk

SanDisk Corporation (NASDAQ: SNDK) is a global leader in flash memory storage solutions, from research and development, product design and manufacturing to branding and distribution for OEM and retail channels. Since 1988, SanDisk's innovations in flash memory and storage system technologies have provided customers with new and transformational digital experiences. SanDisk's diverse product portfolio includes flash memory cards and embedded solutions used in smart phones, tablets, digital cameras, camcorders, digital media players and

other consumer electronic devices, as well as USB flash drives and solid-state drives (SSD) for the computing market. SanDisk's products are used by consumers and enterprise customers around the world.

SanDisk is a Silicon Valley-based S&P 500 and Fortune 500 company, with more than half its sales outside the United States. For more information, visit www.sandisk.com.

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Marvell's Forward-Looking Statements

This press release contains certain forward-looking statements that involve risks and uncertainties, including statements regarding the expected benefits and competitive advantages of the new platform, and the demand for SSD-based storage products. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual events or results may differ materially from those described in this release due to a number of risks and uncertainties, including, among others, the market demand for SSD products may grow more slowly than expected, competitive products may have better features, such as lower power requirements, may be easier to operate or may be available at a lower cost, the products may not perform as expected, and other risks detailed from time-to-time in Marvell's Securities and Exchange Commission filings and reports, including, but not limited to, its most recent quarterly report on Form 10-Q and subsequent Securities and Exchange Commission filings. Marvell undertakes no obligation to revise or update publicly any forward-looking statements contained in this press release.

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SanDisk's Forward-Looking Statements

This press release contains certain forward-looking statements from SanDisk, including expectations for the market for SanDisk's SSD products, the expected benefits and competitive advantages of the new products, that are based on SanDisk's current expectations and involve numerous risks and uncertainties that may cause these forward-looking statements to be inaccurate. Risks that may cause these forward-looking statements to be inaccurate include among others: the market demand for SanDisk's SSD products may grow more slowly than expected or competitive products may have better features, such as lower power requirements, may be easier to operate or may be available at a lower cost, which could enable these products to achieve better customer acceptance than SanDisk's products, SanDisk's products may not perform as expected, and the other risks detailed from time-to-time in under the caption "Risk Factors" and elsewhere in SanDisk's Securities and Exchange Commission filings and reports, including, but not limited to, its most recent quarterly report on Form 10-Q and our annual report on Form 10-K. SanDisk does not intend to update the information contained in this press release.

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