

February 26, 2007



# **Marvell Enters Serial Attached SCSI (SAS) Storage Controller Market**

## **Leveraging Extensive Storage Technology Portfolio and Leading Enterprise Hard Disk Drive IC market Position Marvell to Capitalize on Fast-growing SAS Infrastructure Market**

SANTA CLARA, Calif., Feb. 26 /PRNewswire-FirstCall/ -- Marvell(R), (Nasdaq: MRVL), the leader in storage, communications, and consumer silicon solutions, today announced its entrance into the Serial Attached SCSI (SAS) storage controller market by offering host and RAID controller silicon and software solutions for workstations, servers, and external storage systems. Marvell's new SAS controllers will complement the Company's strong market presence in the Serial ATA (SATA) host controller market, and will offer high performance coupled with a significant reduction in both power consumption and footprint versus other solutions. Marvell will be the only silicon provider to offer a true end-to-end solution for both SAS and SATA host controllers and hard disk drive (HDD) electronics.

At the core of Marvell's SAS controller offerings is Marvell's industry-leading PHY technology. Marvell's first generation of SAS products incorporates Marvell's 3 gigabit per second (Gb/s) SAS/SATA PHY technology and 2.5Gb/s PCI-Express PHY cores, which combine the best jitter performance, and lowest per-port power consumption available today. Marvell's SAS/SATA PHYs enable host-to-disk connectivity over longer traces and cable lengths than competitive solutions. Now OEMs can finally take full advantage of the same capability already offered in Marvell's enterprise HDD ICs, enabling the design of more advance storage systems.

With up to eight of these PHYs on a single chip, low power consumption is necessary to maintain a small footprint and to avoid the need for costly and bulky heat sinks. Further, power savings are critical as the IT industry focuses on data center power budgets in order to manage costs and satisfy environmental concerns. Marvell's footprint is as little as one third the size of competitive solutions, making its controllers ideal for server RAID on motherboard (ROMB), and half-height board-level host adapter and RAID controller solutions.

"Marvell's solutions will raise the bar for performance, power consumption, footprint, and cost-effectiveness in a silicon market that has been devoid of aggressive innovation," says Dr. Alan Armstrong, Vice President of Marketing for Marvell's Storage Business Group. "We can capitalize on this market of too few viable competitors by leveraging our strong enterprise storage expertise to offer performance and cost advantages to our customers."

The SAS controller market requires not only advanced semiconductor technology, but robust, feature-rich, and highly scalable storage software. Marvell has invested heavily in the development of a full suite of high performance, highly scalable, fault-tolerant RAID and storage management software. Marvell's extensive storage software capability, coupled with

its ground-breaking controller ICs will allow Marvell to offer a true one-stop solution to its customers.

### The Marvell Family of SAS Controllers

The first product in Marvell's SAS controller portfolio is the Marvell 88SA6640 host controller, supporting four SAS/SATA ports. The 88SA6640 offers 4-lane PCI-Express connectivity to the host system for high throughput in bandwidth-hungry applications. The device incorporates a RAID offload engine to reduce CPU utilization, thereby increasing overall system performance. The device is offered with non-RAID drivers in addition to a full-featured RAID stack, including a customizable RAID management module for ease of use and fast product development. The Marvell 88SA6640 is currently sampling to key customers.

For further information about Marvell products please visit [www.marvell.com](http://www.marvell.com).

### About Marvell

Marvell (Nasdaq: MRVL) is the leader in development of storage, communications, and consumer silicon solutions. The company'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 terms "company" and "Marvell" refer to Marvell Technology Group Ltd. and its subsidiaries, including Marvell Semiconductor Inc. (MSI), Marvell Asia Pte Ltd (MAPL), Marvell Japan K.K., Marvell Taiwan Ltd., Marvell International Ltd. (MIL), Marvell U.K. Limited, Marvell Semiconductor Israel Ltd. (MSIL), RADLAN Computer Communications Ltd., and Marvell Semiconductor Germany GmbH. MSI is headquartered in Santa Clara, California and designs, develops and markets products on behalf of MIL and MAPL. MSI may be contacted at (408) 222-2500 or at [www.marvell.com](http://www.marvell.com).

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This release contains forward-looking statements based on projections and assumptions about our products and our markets. Words such as "believes," "seeks," "may," "will," "can," "should," and their variations identify forward-looking statements. These statements include those relating to product capabilities relative to competitive product offerings and the number of products offered in the SAS storage controller market. Statements that refer to, or are based on projections, uncertain events or assumptions also identify forward-looking statements. These statements are not guarantees of results and are subject to risks and uncertainties that could cause actual results to differ materially from those anticipated in the forward-looking statements. These risks and uncertainties include, but are not limited to, new suppliers entering the SAS storage controller market or other suppliers offering new or modified competitive product offerings. For other factors that could cause Marvell's results to vary from expectations, please see the sections titled "Risk Factors" in Marvell's quarterly report on Form 10-Q for the fiscal quarter ended April 29, 2006 and other factors detailed from time to time in Marvell's filings with the Securities and Exchange Commission. We undertake no obligation to revise or update publicly any forward-looking statements.

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