May 18, 2009

Marvell Introduces Prestera 98CX8234 -- The Industry's First Commercially Available 40 GbE Switching Solution

High performance switching solution is purpose built for next-generation green datacenter networks

SANTA CLARA, Calif., May 18 /PRNewswire-FirstCall/ -- *Marvell* (Nasdaq: MRVL), a world leader in storage, communications, and consumer silicon solutions, today announced the first commercial availability of the Marvell(R) Prestera(R) 98CX8234 packet processor for datacenter switching. This new member of the Prestera CX family of packet processors offers industry leading performance with the industry's first multiple 40 GbE and 10 GbE ports and line rate switching capability of 720 Million packets per second (Mpps). In addition, the switching solution supports a new set of features that enable convergence of storage and data traffic in next generation datacenters.

(Logo: http://www.newscom.com/cgi-bin/prnh/20070411/SFW034LOGO)

Support for Fiber Channel over Ethernet (FCoE) in the Prestera 98CX8234 enables the design and deployment of systems that facilitate the convergence of data and storage networks. New standards compliant Congestion Management capabilities in the device, including (but not limited to) Per-priority Flow Control and Enhanced Transmission Selection, allow finer grained responses to network congestion and assist in improving service delivery with deterministic network behavior.

"Using Ixia's Converged Enhanced Ethernet, layer 2-7 testing solution, we were able to validate, for the first time, data center bridging exchange (DCBX), along with other FCoE features, including FIP control protocol snooping and FCoE packets classification with Marvell's Prestera CX," said Victor Alston, Senior Vice President of Ixia. "Ixia's high-density 10 GbE load modules were also used to demonstrate full, wire-speed packet switching using 48 ports of 10 GbE in full mesh test with Marvell's new device."

The dynamic power management capabilities of the Prestera 98CX8234 provide an infrastructure for on-demand power draw reduction. With one of the lowest power footprints per gigabit of throughput for a device in its class, the Prestera 98CX8234 is designed to enable the design of green datacenters.

"New service delivery and power requirements are the driving forces of evolution in datacenter infrastructures. With the Prestera 98CX8234, Marvell is delivering a number of industry firsts, each feature purpose built to facilitate the overall reduction in power, network complexity and operational overhead," said Dr. Simon Milner, Vice President and General Manager of the Enterprise Business Unit, Consumer and Communications Business Group at Marvell Semiconductor.

"With enterprises beginning to deploy 10 GbE uplinks on client side switches in the wiring closet, and 10 GbE direct server connections, the aggregation of these links may become a bottleneck in the network until higher speeds are widely available," said Alan Weckel, Ethernet Switch Enterprise Telephony Market Research Director of Dell'Oro Group. "Solutions from silicon vendors with Converged Enhanced Ethernet capabilities and 40 GbE ports can help accelerate the reduction in complexity of enterprise and service provider network topologies."

Pricing and Availability

The Prestera 98CX8234 is available today. For more information on pricing, Marvell's Prestera technology and other switching solutions, please contact a Marvell sales representative or visit *www.marvell.com/products/switching*.

About Marvell

Marvell (NASDAQ: MRVL) is a leader in the 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. For more information, visit *http://www.marvell.com*.

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For Further Information Contact:

Marvell Media Relations
Tate Tran
Tel: 408.222.7522
tate@marvell.com

Marvell Media Relations
Diane Vanasse
Tel: 408.242.0027
dvanasse@marvell.com

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