

Marvell Launches New 10G/40G Alaska X Devices For Extreme Performance Over Optical And Copper Cable

Comprehensive PHY capabilities enable increased flexibility, robust performance and heightened failover capability for next-generation networking systems

SANTA CLARA, Calif., and LAS VEGAS, May 7, 2013 /PRNewswire/ -- Marvell (Nasdaq: MRVL) today announced new Marvell® Alaska® X PHY devices optimized for 10G and 40G optical and copper applications. As a market leader in the Ethernet PHY market, Marvell offers a broad portfolio of 10G and higher-speed products. The 88X2242, 88X2242M, 88X2222 and 88X2222M are designed to deliver comprehensive PHY capabilities, greatly simplifying board designs for next-generation software defined storage, networking, compute and mobility platforms.

(Photo: <http://photos.prnewswire.com/prnh/20130507/AQ08799>)

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

Responding to a sweeping industry trend toward higher density switch and server configurations, the 88X2242 and 88X2242M are designed to deliver support for one port of 40G QSFP+ or four ports of 10G SFP+ Ethernet connectivity. The 88X2222 and 88X2222M devices are designed to support two ports of 10G SFP+ connectivity. Primary benefits include ultra-low latency, wire-speed encryption for security and high reliability with port failover mechanisms. In addition, pin-compatibility across all four products provide for system design flexibility.

All of the devices have built-in Electronic Dispersion Compensation (EDC) and deliver connectivity over short reach (SR), long reach (LR), long reach over multi-mode (LRM) fiber, and Direct Attach Copper (DAC) cabling. Signature features include 802.1AE MACSec functionality, built-in redundancy support and flexible host interface options with support for XFI, RXAUI and XAUI.

"The latest Alaska X PHY series of devices offers a robust mix of features that enable compelling solutions for enterprise, datacenter and infrastructure applications," said Ramesh Sivakolundu, vice president and general manager, Connectivity, Servers, Infrastructure Business Unit (CSIBU) at Marvell Semiconductor, Inc. "High performance, strong security capabilities and reliability features are critical requirements in next-generation networking systems; the newest series of PHY devices underscores Marvell's continued leadership in bringing world-class connectivity solutions to market."

"Next-generation networking requires system design flexibility, always-on reliability and break-neck speeds," said Seamus Crehan, president of [Crehan Research, Inc.](#) "Designed to optimize the performance of optical and copper applications, Marvell's Alaska device line is a key player in delivering innovative and scalable solutions to market."

Marvell will showcase the Alaska X devices, which are in production and available now, at Interop as part of Marvell's line-up of end-to-end software defined storage, networking, compute and mobility solutions in meeting room Reef F at Mandalay Bay, Las Vegas, May 7-9.

Related Links:

- Product Information: <http://www.marvell.com/transceivers/alaska-x-gbe/index.jsp>
- Marvell Online Press Kit: http://www.marvell.com/company/press_kit/

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, please visit www.Marvell.com.

Marvell, Alaska and the M logo are registered trademarks of Marvell and/or its affiliates. Other names and

brands may be claimed as the property of others.

For Further Information Contact:

Marvell Media Relations

Daniel Yoo
Tel: 408-222-2187
yoo@marvell.com

Kim Anderson
Tel: 408-222-0950
kimander@marvell.com

SOURCE Marvell

Additional assets available online: [Photos \(1\)](#)

<https://investor.marvell.com/2013-05-07-Marvell-Launches-New-10G-40G-Alaska-X-Devices-for-Extreme-Performance-over-Optical-and-Copper-Cable>