

Marvell Disrupts The Switch Market With Programmable Access Switch Optimized For 2.5GbE Deployment With 40GbE Uplinks

Marvell's new Prestera 98DX325x family is software compatible with the market-leading Prestera 98DX324x 1GbE, offering a full software turnkey solution

SANTA CLARA, Calif. and TAIPEI, Taiwan, May 31, 2016 /PRNewswire/ -- [Marvell](#) (NASDAQ:MRVL), a world leader in storage, cloud infrastructure, Internet of Things (IoT), connectivity and multimedia semiconductor solutions, today announced the Prestera® 98DX325x campus programmable switch. The 98DX325x switch is optimized for 24- and 48-ports of 2.5 Gigabit Ethernet (GbE), and has dedicated 10GbE and 40GbE uplinks and stacking ports. The devices offer wire speed packet processing bandwidth of 168Gbps in an optimized and compact footprint, and are now available for sampling.

"2.5GbE network ports are being widely deployed in campus environments. This is a prime time for a disruptive, cost-effective 2.5GbE access solution with 40GbE uplinks or stacking," said Michael Zimmerman, Vice President and General Manager, Connectivity, Storage and Infrastructure (CSI) Business Unit at Marvell Semiconductor, Inc.

Coupled with Marvell's 88E2040 quad NBASE-T™ physical layer devices (PHYs), the Prestera 98DX325x offers a cost-effective way to support the convergence of the wired and wireless network while utilizing already deployed CAT5e Ethernet cabling and infrastructure to migrate from 1GbE Copper to 2.5GbE copper. The 98DX325x can be implemented in various applications including 802.11ac Access Point uplinks, switches, servers, workstations and high-end PCs. Additionally, with the 98DX325x, Marvell now brings software-defined networking (SDN) and switch abstraction interface (SAI) to 2.5GbE campus environments enabling private cloud deployments with a full software stack turnkey solution.

Key features of Marvell's Prestera 98DX325x switch

- 48 ports of 1GbE with four ports of 10GbE uplinks and two ports of 40GbE stacking for standard Enterprise and SMB/SME access deployments
- Up to 24 ports of 2.5GbE with 10GbE and 40GbE uplink and stacking for large wireless campus deployments
- Support for virtual bridging and routing and congestion management features enabling software-defined networking (SDN)/Network Function Virtualization (NFV) cloud-managed network deployments
- Advanced virtual overlay networking offering support for NVGRE, VXLAN-GPE, NSH, GENEVE, Shortest Path Bridging (SPB), TRILL and GRE
- Server virtualization compliant with IEEE 802.1Qbg EVB, 802.1BR Port Extender
- IEEE 1588 1-step timing for precision timing applications

Marvell's award-winning Prestera switching product family will be demonstrated at Computex 2016 in Taipei, Taiwan from May 31 – June 3.

For further information on Marvell's Prestera DX please visit: <http://www.marvell.com/switching/prestera-dx>.

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions. From storage to cloud infrastructure, Internet of Things (IoT), connectivity and multimedia, 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, personal and work lives, Marvell is committed to enhancing the human experience.

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