



## Avago Technologies Debuts Market's First Fully-Compliant CXP Optical Transceiver at SC10

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### 120 Gbps Transceiver Solution Provides Optimal Cable Management Flexibility for System Installation and Lower Total Cost of Ownership for Replacements

NEW ORLEANS, Nov 17, 2010 (BUSINESS WIRE) --

Avago Technologies (Nasdaq: AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced it is demonstrating the industry's first CXP parallel optic transceiver solution that is fully-compliant to industry standards here at the Super Computing 2010 conference. The new 12-channel CXP transceivers support lane rates of up to 10 Gigabits per second (Gbps) for an aggregate bandwidth of up to 120 Gbps. The hot-pluggable modules feature an industry-compliant MTP(R) multi-fiber push on (MPO) receptacle for removable fiber cable connectors. This allows flexible cable management at installation, simplifying design and lowering cost for high-performance computing, switch fabric and other short-range data and communication interconnect applications.

The new Avago CXP optical transceivers are compliant to both IBTA MSA specifications for CXP QDRx12 and IEEE 100GBASE-SR10 specifications. The modules incorporate the company's 850-nm Vertical-Cavity Surface Emitting Laser (VCSEL) technology, PIN array technology and integrated laser driver and receiver IC technology, which combine to provide robust electrical and optical performance at high data rates. Programmable equalization and de-emphasis for each of the modules' lanes optimize the signal integrity performance for an edge mount solution and long PCB trace lengths. With superior jitter performance, the modules provide 10 Gbps performance per lane for up to 100 meters using OM3 fiber or 150 meters using OM4 fiber.

"Our CXP transceiver works with separate cabling to offer a pay-as-you-go fiber optic solution with lower total cost of ownership and easier installation," said Tina Ohlhaber, marketing manager for fiber optic products at Avago. "Avago has over a decade of experience in developing 12-channel parallel optic solutions, and we are leveraging this expertise and investment in building block technologies to support our customers with both standards-based and custom proprietary solutions. We are pleased to demonstrate this breadth in technology and innovation leadership with our parallel optics portfolio here at SC10."

Avago is demonstrating its CXP form-factor technology in an Infiniband switch connected to its QSFP+ transceiver technology for 40 Gigabit Ethernet applications, in addition to demonstrating other high-speed optical fiber solutions, at Super Computing 2010 in booth number 1328 at the Ernest N. Morial Convention Center from November 16-19.

#### About Avago Technologies

Avago Technologies is a leading supplier of analog interface components for communications, industrial and consumer applications. By leveraging its core competencies in III-V compound and silicon semiconductor design and processing, the company provides an extensive range of analog, mixed signal and optoelectronics components and subsystems to approximately 40,000 end customers. Backed by strong customer service support, the company's products serve four diverse end markets: wireless communications, wired infrastructure, industrial and automotive electronics, and consumer and computing peripherals. Avago has a global employee presence and heritage of technical innovation dating back nearly 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at [www.avagotech.com](http://www.avagotech.com).

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