Luxtera to Power ISCnet InfiniBand Network at ISC Conference

Repeat selection to provide connectivity for world's fastest network underscores high performance and extended reach of Luxtera's Active Optical Cable

Carlsbad, Calif. – June 22, 2009 – Luxtera, the worldwide leader in Silicon [CMOS Photonics,](#) announces it will provide connectivity for the ISCnet InfiniBand network at this year's International SuperComputing (ISC) conference. ISCnet selected Luxtera's InfiniBand 40 Gigabit Active Optical Cable (AOC), Blazar, for the high performance computing show because of its extended reach, flexibility and reliability. This is the second time Blazar was selected to power a network for a SuperComputing event.

ISCnet is built specifically for the high performance needs of exhibitors at the International SuperComputing conference. It is the fastest network in the world and supports a wide variety of applications and network experiments. ISCnet serves as a platform were exhibitors demonstrate advanced computing resources. Luxtera will power ISCnet and provide exhibitors with long-reach and support for applications to ensure optimal connectivity.

"We are pleased to have Luxtera cables as part of ISCnet, the largest 40Gb/s demonstration in Europe, as they provide the needed reliability and extended reach to connect remote locations on the show floor for this powerful demonstration," said Gilad Shainer, chairman of the HPC Advisory Council. "Blazar has the capability to maximize the layout options for interconnect computing systems in multiple rooms, floors and buildings while maintaining high connection quality. This will provide the Council members and other exhibitors with more choices when connecting to the network as well as drive overall performance for advanced applications."

"ISCnet is a complex and powerful network, and this is the second time Blazar has been selected to provide connectivity for a SuperComputing event," said Marek Tlalka, vice president of marketing for Luxtera. "This is a tremendous achievement for Luxtera, solidifying our leadership position in the industry as well as providing an extremely qualified proof point for Blazar's ability to deliver connectivity for high performance computing. Acting as the backbone for ISCnet, Blazar continues to hit new milestones in offering an extended reach solution that is fast, reliable and cost effective. Powering ISCnet shows Blazar's versatility in connecting the most advanced networks."

Blazar utilizes Luxtera's award-winning Silicon CMOS Photonics technology and low cost single-mode fiber to break reach restrictions. The solution is targeted for data center interconnects in Local Area Networks (LANs), HPC computer clusters, Storage Area Networks (SANs), system stacking and Rack-to-Rack connections.

Luxtera is now shipping Blazar in multiple lengths from two meters to 4,000 meters. Companies interested in the purchase or design of the 40G AOC should contact Luxtera at (760) 448-3520.

About Luxtera:
Luxtera, Inc. is the world leader in Silicon CMOS Photonics. Its mission is to fulfill the world's insatiable demand for bandwidth by uniting the high performance of fiber-optic communications with the low cost and high volume manufacturing advantages of mainstream Silicon CMOS fabrication. Headquartered in Carlsbad, California, Luxtera is a fabless semiconductor company that was founded in 2001 by a team of industry-renowned researchers and technology managers drawn from the communications and semiconductor industries. Luxtera has received funding from leading venture capitalists including August Capital, New Enterprise Associates and Sevin Rosen Funds. More information can be found on the company's web site: www.luxtera.com.

About ISCnet and ISC:
ISCnet is the very high-performance network built each year to support the annual International SuperComputing conference. ISCnet features both a high-performance production-quality network and an extremely high performance experimental network. Volunteers from educational institutions, high performance computing sites, network OEMs, research networks, and telecommunications carriers work together to design and deliver the ISCnet network each year. OEMs and carriers donate much of the equipment and services needed to build the LAN and WAN infrastructure.

ISC, which marks its 24th anniversary in 2009, has a well-established reputation for presenting well-founded, precise and up-to-date information in an environment that encourages informal conversations and sharing of ideas. ISC is also the largest high performance computing exhibition in Europe, and an estimated 120 of the leading hardware, software and services vendors are expected to fill the Congress Center Hamburg exhibition hall.

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