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University of Waterloo Selects Mellanox InfiniBand Solutions to Enable Leading-Edge Research in a Variety of Academic Disciplines

Mellanox EDR InfiniBand Solutions Accelerate the University's New Supercomputer

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- Mellanox Technologies, Ltd. (NASDAQ: MLNX), a leading supplier of high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced that the University of Waterloo selected Mellanox EDR 100G InfiniBand solutions to accelerate their new supercomputer. The new supercomputer will support a broad and diverse range of academic and scientific research in mathematics, astronomy, science, the environment and more.

The University of Waterloo is a member of SHARCNET (www.sharcnet.ca), a consortium of 18 universities and colleges operating a network of high-performance compute clusters in south western, central and northern Ontario, Canada.

"The growing demands for research and supporting more complex simulations led us to look for the most advanced, efficient, and scalable HPC platforms," said John Morton, technical manager for SHARCNET. "We have selected the Mellanox InfiniBand solutions because their smart acceleration engines enable high performance, efficiency and robustness for our applications."

"One of the unique challenges of academic computing lies in a university's need to support a very broad range of applications and workflows," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "Mellanox smart InfiniBand solutions deliver the highest performance, scalability and efficiency for a variety of workloads, and also ensure backward and future compatibility, protecting the university's investment."

The University of Waterloo system is using Mellanox's EDR 100Gb/s solutions with smart offloading capabilities to maximize system utilization and efficiency. The system also includes Mellanox's InfiniBand to Ethernet gateways to provide seamless access to an existing Ethernet-based storage platform.

Located in Southern Ontario, Canada, University of Waterloo's supercomputer serves a diverse faculty, supporting both undergraduate and graduate research across a wide range of disciplines including Applied Health Sciences, Arts, Engineering, Environment, Math, and Science as well as leading edge research in astronomy.

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About Mellanox

Mellanox Technologies (NASDAQ: [MLNX](#)) is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyper-converged infrastructure. Mellanox's intelligent interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance. Mellanox offers a choice of high performance solutions: network and multicore processors, network adapters, switches, cables, software and silicon, that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage, network security, telecom and financial services. More information is available at www.mellanox.com.

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