



November 13, 2017

Mellanox InfiniBand to Accelerate Japan's Fastest Supercomputer for Artificial Intelligence Applications

Fujitsu Selects InfiniBand Smart Interconnect Solution due to its Superior Performance and Scalability

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- **SUPERCOMPUTING 2017** - 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 Fujitsu has selected InfiniBand solutions for the National Institute of Advanced Industrial Science and Technology (AIST)'s the AI Bridging Cloud Infrastructure (ABCI) supercomputer, the fastest supercomputers in Japan, and world's first large-scale open artificial intelligence Infrastructure. The ABCI will be deployed by Fujitsu at the University of Tokyo and is scheduled to begin operations in the second quarter of 2018. The dual EDR 100G InfiniBand network, will provide an aggregated data throughput of 200Gb/s, connecting the Fujitsu PRIMERGY servers, including multiple NVIDIA GPUs and NVMe storage. The Fujitsu system is expected to deliver a theoretical peak performance of 550 petaflops in half-precision floating point operations, or 37 petaflops of double-precision floating point operation performance.

"We are proud to work with AIST to bring the world-leading interconnect technology and solution to accelerate the fastest supercomputer in Japan," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "The key HPC and AI interconnect accelerators we offer, such as SHARP, GPUDirect, RDMA and NVMe over Fabrics, deliver the highest performance, efficiency and scalability to HPC and AI applications."

"We are happy to collaborate with Mellanox and leverage the smart InfiniBand offload engines to deliver the best performance for artificial intelligence applications," said Yujiro Maki, head of data center server division at Fujitsu, Japan. "The combination of Fujitsu PRIMERGY Server technology and Mellanox interconnect solution will enable AIST to meet their research goals. We look forward to continue working together with Mellanox for future opportunities."

Supporting Resources:

- | Learn more about [Mellanox's complete FDR 56Gb/s InfiniBand solutions](#)
- | Learn more about [Mellanox's complete 40GbE solution](#)
- | Follow Mellanox on [Twitter](#) and [Facebook](#)

About Mellanox

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end InfiniBand and Ethernet smart interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, 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 and financial services. More information is available at: www.mellanox.com.

Note: Mellanox is a registered trademark of Mellanox Technologies, Ltd. All other trademarks are property of their respective owners.

View source version on [businesswire.com](http://www.businesswire.com): <http://www.businesswire.com/news/home/20171113005173/en/>

Mellanox Technologies, Ltd.

Press/Media Contact

McGrath/Power Public Relations and Communications

Allyson Scott, +1-408-727-0351

allysonscott@mcgrathpower.com

or

Israel PR Contact

Galai Communications Public Relations

Jonathan Wolf, +972 (0) 3-613-52-84

yonit@galaipr.com

Source: Mellanox Technologies, Ltd.

News Provided by Acquire Media