



Beijing Meteorological Service Selects 200 Gigabit HDR InfiniBand to Accelerate New Supercomputing Platform

The New System Will Enable a More Accurate Smart Meteorological Service, and Provide Weather Forecasting Information for the China 2022 Winter Olympics

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 Beijing Meteorological Service has selected 200 Gigabit HDR InfiniBand interconnect solutions to accelerate a new supercomputing platform. The new system will be used for enhancing weather forecasting, improving climate and environmental research, and serving the weather forecasting information needs of the China 2022 Winter Olympics.

HDR InfiniBand's high data throughput, extremely low latency, the smart In-Network Computing acceleration engines, enhanced congestion control and adaptive routing characteristics, provide Beijing Meteorological Service with the capabilities to build an intelligent weather research system. The system will provide smart detection capabilities, fine-grained weather services, climate environmental assessment, and public meteorological processing.

"The 200G HDR InfiniBand technology and solutions help to accelerate high-performance computing, deep learning and cloud applications at any scale, and enable the development of next generation supercomputing infrastructures to serve these applications," said Gilad Shainer, senior vice president of marketing at Mellanox Technologies. "Intelligent weather predictions require an intelligent supercomputer that can move data quickly and analyze it as fast as possible. We are excited to be part of the project that will support the 2022 China Winter Olympics, and look forward to continuing work with Beijing Meteorological Service in the future."

Supporting Resources:

- Learn more on [Mellanox 200G HDR InfiniBand Quantum switch](#)
- Learn more on [Mellanox 200G HDR InfiniBand ConnectX-6 adapters](#)
- More on Mellanox products and solutions at: <http://www.mellanox.com>
- Learn more about Mellanox HPC at <http://www.mellanox.com/solutions/hpc/>

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