



## PRESS RELEASE

### **DDN Storage Announces Groundbreaking 33GB/S Performance to NVIDIA DGX Servers to Accelerate Machine Learning and AI Initiatives**

*DDN Storage Delivers a Substantial Boost to the Productivity and Timely Delivery of Results for Businesses Leveraging NVIDIA DGX Platforms for Deep Learning*

**SANTA CLARA, Calif. – March 29, 2018** – DataDirect Networks (DDN®) today announced its EXAScaler DGX solution, a unique solution that delivers leading-edge performance using a new optimized, accelerated client integrating tightly and seamlessly with the NVIDIA DGX Architecture. Using the EXAScaler® ES14KX® high-performance all-flash array, the new solution smashed existing records by demonstrating a massive 33GB/s of throughput to a single NVIDIA DGX-1.

By supplying this groundbreaking level of performance, DDN enables customers to greatly accelerate their Machine Learning initiatives, reducing load wait times of large data sets to mere seconds for faster training turnaround. The DDN EXAScaler family of products, along with the EXAScaler DGX Solution provides a purpose-built platform uniquely tuned to the needs and characteristics of data flows found in AI and Machine Learning workloads. EXAScaler further improves the flexibility of the AI data center by allowing massive ingest rates and cost-effective capacity scaling.

“DDN is focused on solutions that enable customers to radically accelerate their AI and Machine Learning initiatives to gain competitive advantage sooner and to scale flexibly,” said James Coomer, vice president of product management at DDN. “We have taken a holistic approach to this solution, ensuring that the DGX platform is maximally utilized and that customers can extract deeper insights more quickly.”

**[Tweet this:](#)** .@ddn\_limitless demonstrates 33GB/s of throughput to @NVIDIADC DGX servers – <http://bit.ly/2E3Xj8v> #AI #machinelearning #GTC18

At GTC18, DDN has demonstrated an EXAScaler DGX Solution based on the ES14KX all-flash array that achieves more than 33GB/s throughput to a DGX-1 server and more than 250,000 random read 4K IOPS, all without stressing the host CPU on the DGX server. Exceeding 10GB/s and 100,000 IOPS to a single container gives more than 12X the performance attainable from competing NFS solutions and enables data scientists to fully extract the performance from the flash layer rather than being limited by wire protocols.

DDN's EXAScaler solutions enable organizations to overcome the challenges and inefficiencies caused by I/O bottlenecks and allow customers to realize true flash-cache economics by providing a storage architecture that is ideally suited to Deep Learning and Machine Learning requirements. DDN recently announced [Standard Cognition is leveraging EXAScaler to revolutionize the consumer shopping experience with fully autonomous check-out.](#)

### **GPU Technology Conference 2018**

DDN is showcasing its EXAScaler storage solutions this week at the [GPU Technology Conference](#) in San Jose, CA, March 26 - 29, 2018. Stop by DDN's booth #609 or [request a meeting with DDN](#) to learn more.

### **Supporting Resources**

- More on [DDN EXAScaler](#)
- More on [DDN Machine Learning Solutions](#)
- More on [DDN Customers](#)

### **About DDN**

DataDirect Networks (DDN) is the world's leading big data storage supplier to data-intensive, global organizations. For 20 years, DDN has designed, developed, deployed and optimized systems, software and storage solutions that enable enterprises, service providers, universities and government agencies to generate more value and to accelerate time to insight from their data and information, on premise and in the cloud. Organizations leverage the power of DDN storage technology and the deep technical expertise of its team to capture, store, process, analyze, collaborate and distribute data, information and content at the largest scale in the most efficient, reliable and cost-effective manner. DDN customers include many of the world's leading financial services firms and banks, healthcare and life science organizations, manufacturing and energy companies, government and research facilities, and web and cloud service providers. For more information, go to [www.ddn.com](http://www.ddn.com) or call 1-800-837-2298.

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