Kaminario Breaks Renowned SPC-1 Benchmark World Record for Performance – Two Years Running

October 17, 2013

4th Generation Scale-Out All-Flash Array Ranks Best in Performance at 1.239M IOPS

NEWTON, Mass. – October 17, 2013 – Kaminario, the leading scale-out all-flash array provider, today announced that it has again broken the Storage Performance Council’s SPC-1 World Record for sustained storage performance, with its fourth-generation K2 (K2 v4) array performing at 1,239,898.00 SPC-1 IOPS*. K2 v4 was also able to provide the two best SPC-1 price-performance results out of the top five at $0.80/SPC-1 IOPS**, allowing organizations to maximize the return on their investment in flash technology while also accelerating overall performance.

This year’s SPC-1 benchmark was achieved using an 86TB system that incorporated SanDisk’s Optimus SAS SSD drives using commercial MLC NAND flash technology, and for the second year in a row, backed by Kaminario’s patent-pending Scale-Out Performance and Resilience Architecture (SPEAR). In this real-world configuration, the Kaminario K2 v4 reported an average of 10,175.70 MB/s of data throughput, while consistently performing at 1,239,898.00 SPC-1 IOPS.

Kaminario K2’s ability to deliver a consistent level of maximum performance over an extended period of time was further validated by the SPC-1’s Sustainability Test Run, which was executed with a 24-hour duration. The test confirmed that K2 v4 was able to maintain an average of 1,240,000.52 SPC-1 IOPS with an average data throughput of 10,176.07 MB/s.

At the core of what enabled Kaminario’s K2 v4 to set a new world record for performance was the array’s unique scale-out architecture purpose-built to fully optimize the power of today’s flash media. Kaminario’s architecture supports any mixed workload, to include OLTP real-time environments, OLAP and Big Data Analytics, in physical and virtual environments, while also providing the industry’s lowest latency.

“As flash technology gains in popularity across the enterprise, customers need to assess cost, performance and manageability against the realities of explosive data growth and required real-time access,” said Dani Golan, CEO of Kaminario. “Breaking the record again is a nice milestone, but what we’re most proud of is our consistent, predictable performance with any mixed workload, while providing the best overall TCO in the industry.”

*The Full Disclosure Report for the Kaminario K2 SPC-1 Results can be downloaded at: http://www.storageperformance.org/results/benchmark_results_spc1#a00137

** As of 10/17/2013
### About the SPC

The Storage Performance Council is a nonprofit corporation founded to define, standardize and promote storage benchmarks and to disseminate objective, verifiable storage performance data to the computer industry and its customers. The organization's strategic objectives are to empower storage vendors to build better products as well as to stimulate the IT community to more rapidly trust and deploy multivendor storage technology. SPC, SPC Benchmark 1, SPC-1, SPC-1 IOPS and SPC-1 Price-Performance are trademarks or registered trademarks of the Storage Performance Council. For more information about the SPC and the SPC-1 visit http://www.storageperformance.org.

### About Kaminario

Kaminario ([http://kaminario.com/](http://kaminario.com/)) is leading the revolution in flash storage by creating a fundamentally new and better way to store and retrieve performance-sensitive data. Kaminario K2 is the first enterprise-grade general purpose all-flash storage with a true scale-out architecture built from the ground up to take advantage of the most modern flash SSD capabilities. The company is headquartered in Boston, Massachusetts and backed by Sequoia Capital, Globespan Capital Partners, Pitango Venture Capital, Mitsui and Tenaya Capital.

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