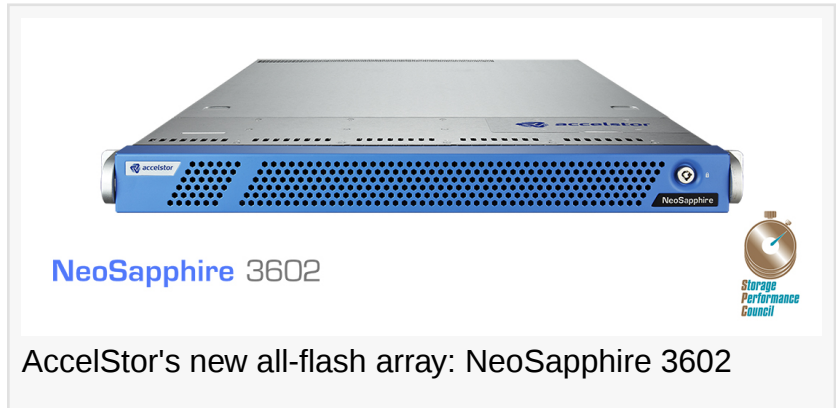


# AccelStor's New NeoSapphire 3602 All-Flash Array, an SPC-1 Price-Performance Leader

*NeoSapphire 3602 ranked #3 with an excellent \$0.20/SPC-1 IOPS™*

TAIPEI, TAIWAN, January 19, 2017 /EINPresswire.com/ -- [AccelStor](#), the software-defined [all-flash array](#) provider, is pleased to announce that its new NeoSapphire 3602 all-flash array is ranked #3 in the Storage Performance Council's (SPC's) coveted price-performance category. Based on a new Storage Performance Council SPC-1 Result, the NeoSapphire 3602 achieved rank #3 in SPC-1 Price-Performance with a rating of \$0.20/SPC-1 IOPS™[1]. In addition the NeoSapphire 3602 delivers an excellent SPC-1 average response time of 0.79 ms at maximum SPC-1 throughput.



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We at AccelStor are proud to have our product ranked amongst the very best in the world for the SPC-1 benchmark.”

*Dr. Weafon Tsao, AccelStor  
Vice President*

The NeoSapphire 3602 is an all-flash array that offers dual-port 16G Fibre Channel and up to 2TB of usable storage capacity in a compact 1U rackmount form factor. For enterprises, the NeoSapphire 3602 increases employee productivity, shortens application processing time, and reduces total cost of ownership (TCO).

“The SPC rankings are an important reference point for our industry and various enterprises, as they provide an independent measure of quality that buyers can trust,” said AccelStor Vice President, Dr. Weafon Tsao. “We at AccelStor

are proud to have our product ranked amongst the very best in the world for the SPC-1 benchmark. This SPC-1 Result is a strong validation of our commitment to providing quality products and powerful product performance.”

## Proven Storage Performance

The NeoSapphire 3602 delivered 227,970.31 SPC-1 IOPS™: excellent performance for any mission-critical application. It also achieved the outstanding SPC-1 Price-Performance of \$0.20/SPC-1 IOPS™, ranking the product #3 in the SPC-1 “Top Ten” of Price-Performance. The results prove that NeoSapphire 3602 is a great solution for database and VDI applications in budget-conscious SMBs. The SPC-1 benchmark measures the performance of a storage subsystem in business critical applications that rely heavily on random I/O queries and updates. Applications include online transaction processing (OLTP), database operations, and mail servers. The SPC-1 benchmark results can be seen at: <https://goo.gl/mvahpp>

### Suitable for Demanding Storage Applications

The NeoSapphire 3602's superior read and write performance helps resolve storage bottlenecks, while the low latency and high reliability of the Fibre Channel interface makes this new array ideal for demanding, time-sensitive applications including banking and finance. Hot-swappable drives and dual redundant power supplies make the arrays even more reliable. A dual-port 16G Fibre Channel – backwards compatible with 8G – makes this array easy to integrate into existing SANs. The array has space for ten hot-swappable drives.

Response time/throughput data from the SPC-1 benchmark tests show that the NeoSapphire 3602's write response time was 0.46ms, even when the array handles the benchmark's maximum throughput/IOPS at the 100% load point. This responsive performance demonstrates the NeoSapphire 3602's suitability for transaction time-sensitive applications, such as databases and virtualization.

### Sustained Performance and Reliability

AcceleStor emphasizes redundancy and seamless uptime, employing multiple data paths as well as redundant and hot-swappable components for data protection. The NeoSapphire 3602's enterprise SSDs boost reliability, availability, and scalability. Meanwhile, Fibre Channel multipathing supports I/O load balancing and failover.

The NeoSapphire 3602 is powered by AcceleStor's exclusive FlexiRemap technology for reliability and sustained performance even in random-access scenarios demanded by enterprise applications. FlexiRemap minimizes overhead and extends SSD lifespan by greatly reducing the number of write/erase operations. To avoid unnecessary operations which could shorten drive lifespan, FlexiRemap technology remaps random data writes as sequential data writes before passing them to the underlying flash memory. The global wear-leveling algorithm ensures stability and longevity. With FlexiRemap, data is protected, drive endurance is improved, and random-access speed is accelerated.

For product details and specifications, visit the NeoSapphire 3602 product page at <https://www.accelstor.com/overview.php?id=20>

### About AcceleStor

AcceleStor is accelerating the paradigm shift from conventional disk arrays to modern all-flash storage. AcceleStor's [NeoSapphire series all-flash arrays](#), powered by FlexiRemap software technology, deliver sustained high IOPS to business-critical applications. With standard rack-mount form factors, streamlined storage management, multi-protocol support, as well as front-accessible and hot-swappable drives, NeoSapphire promises to resolve the performance bottlenecks for I/O-intensive applications like virtualization, high-performance computing, database, and media-processing applications. For more information about AcceleStor and NeoSapphire, please visit [www.accelstor.com](http://www.accelstor.com).

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### About the SPC

The Storage Performance Council (SPC) is a vendor-neutral standards body focused on the storage industry. The SPC has created the first industry-standard performance benchmark targeted at the needs and concerns of the storage industry. From component-level evaluation to the measurement of complete distributed storage systems, SPC benchmarks will provide a rigorous, audited, and reliable measure of performance. For more details about the SPC and the SPC-1 benchmark, please visit

[www.storageperformance.org](http://www.storageperformance.org).

[1] The SPC-1 Executive Summary and Full Disclosure Report for the NeoSapphire 3602 are available at: [http://www.storageperformance.org/results/benchmark\\_results\\_spc1\\_active/#a00183](http://www.storageperformance.org/results/benchmark_results_spc1_active/#a00183)

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