



STORAGE INSPIRED INFRASTRUCTURE OPTIMIZED

Reduce costs and increase efficiency with the
Intel® SSD DC S4500 & DC S4600 Series

Sluggish, clunky HDDs are a drain on your budget. Protect your data center investment with the newest additions to the 2nd gen Intel® 3D NAND SSD family—the Intel® SSD DC S4500 & DC S4600 Series.

Compared to HDDs, the Intel® SSD DC S4500 & DC S4600 Series offer:

200x
GREATER
performance¹

3x
MORE
energy efficiency²

3x
BETTER
reliability³

Available in a wide range of capacities and compatible with legacy infrastructures, storage-inspired Intel® SSDs reduce the risk of data loss and minimize server downtime, helping to keep data center costs low.

Modernize now



Software and workloads used in performance tests may have been optimized for performance only on Intel® microprocessors. Performance tests, such as SYSmark® and MobileMark®, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information, visit intel.com/performance.

Intel® technologies' features and benefits depend on system configuration and may require enabled hardware, software, or service activation. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

Cost reduction scenarios described are intended as examples of how a given Intel-based product, in the specified circumstances and configurations, may affect future costs and provide cost savings. Circumstances will vary. Intel does not guarantee any costs or cost reduction.

1. Intel® SSD DC S4500 960GB vs. Seagate® Savvio 10K.6 900GB 10k SAS HDD and Intel® SSD DC S4600 960GB vs. Seagate Savvio 10K.6 900GB 10k SAS HD. Comparing Intel spec 4k Random Read IOPS at QD 32 vs. Tom's Hardware data of Seagate drive from <http://www.tomshardware.com/charts/enterprise-hdd-charts/-27-IOMeter-2006.07.27-4K-Random-Reads,3397.html>.
2. Intel TCO tool comparing Intel® SSD DC S4500 960GB and Seagate Savvio 10K.6 900GB 10k SAS HDD & Intel® SSD DC S4500 960GB and Seagate Savvio 10K.6 900GB 10k SAS HDD. The workload equates 128 KB (131,072 bytes) Queue Depth equal to 32 sequential writes. Average power for Seagate drive from <http://www.tomshardware.com/charts/enterprise-hdd-charts/-19-Power-Requirement-at-Database,3389.html>. <http://estimator.intel.com/ssddc/>.
3. Industry AFR Average (2.11%). Source: "Hard Drive Stats for Q1 2017." Backblaze.com, May 2017.

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ELEVATE PERFORMANCE MINIMIZE DISRUPTIONS

Protect your data center investment with the
Intel® SSD DC S4500 & DC S4600 Series.

Consistent, durable performance is a hallmark of the Intel® SSD DC S4500 & DC S4600 Series—the newest additions to the 2nd gen Intel® 3D NAND SSD family, configured to increase server efficiency while minimizing service disruptions and reducing costs.

6.4x MORE
data per rack unit¹

3x LOWER
power demand²

With space-efficient capacities up to 8TB, these drives enable businesses to store 6.4x more data per rack unit.¹ The ability to update firmware online without resetting reduces maintenance downtime, while simplified configurations help avoid component failures. And 3x lower power demand and cooling requirements reduce operational costs that scale across the data center.²

Optimize now



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1. Intel® SSD DC S4500 Series at 2.5" 7.6TB vs. Seagate® Enterprise Performance 10K SAS HDD 2.5" 2.4TB.
2. Intel TCO tool comparing Intel® SSD DC S4500 960GB and Seagate® Savvio 10K.6 900GB 10k SAS HDD, and Intel® SSD DC S4500 960GB and Seagate Savvio 10K.6 900GB 10k SAS HDD. The workload equates 128KB (131,072 bytes) Queue Depth equal to 32 sequential writes. Average power for Seagate drive from <http://www.tomshardware.com/charts/enterprise-hdd-charts/-19-Power-Requirement-at-Database,3389.html>. <http://estimator.intel.com/ssddc/>.

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