

# Storage Inspired. Infrastructure Optimized.

Solidigm™ D3-S4520 & D3-S4620 (formerly Intel®)



## Extending NAND Technology Leadership

- 4th-Generation Intel controller optimized for demanding enterprise workloads
- Innovative SATA firmware designed to take advantage of full SATA III bandwidth
- Built on latest-gen Intel® 3D NAND technology

## Reduce Costs vs. HDDs While Protecting Investment<sup>1</sup>

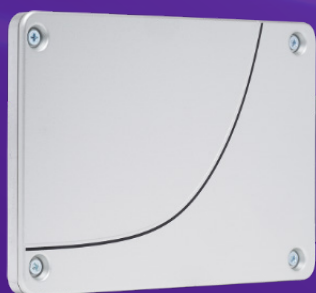
- Higher reliability with up to 2.3x lower AFR
- Up to 5x reduction of power and cooling
- Store up to 3.2x more data in same space
- Up to 245x more IOPS/TB

## Do More With Newest Generation of SATA SSDs

- New 144-Layer, TLC, Intel® 3D NAND
- Up to 2x endurance vs. D3-S4510/D3-S4610<sup>2</sup>
- Up to 67% higher write performance<sup>2</sup>
- Similar product design -> Faster qualification

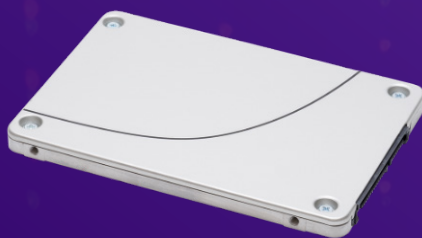
# HPE Selection Guide

## Read-Intensive D3-S4520



Form Factor	Capacity	DWPD
2.5"	240GB	1
2.5"	480GB	1
2.5"	960GB	1
2.5"	1.92TB	1
2.5"	3.84TB	1
2.5"	7.68TB	1

## Mixed-Use D3-S4620



Form Factor	Capacity	DWPD
2.5"	480GB	3
2.5"	960GB	3
2.5"	1.92TB	3
2.5"	3.84TB	3

1. Solidigm™ D3-S4520/S4620 (formerly Intel®) Product brief <https://www.solidigm.com/content/dam/newco-aem-site/mater/products/docs/d3/s4520/d3-s4520-series-product-brief.pdf>  
<https://www.intel.com/content/www/us/en/products/docs/memory-storage/solid-state-drives/data-center-ssds/d7-p5600-p5500-series-brief.html> Intel technologies may require enabled hardware, software, or service activation. © Intel Corporation. Intel and the Intel logo are trademarks of Intel Corporation in the U.S and/or other countries. Other names and brands may be claimed as the property of others.

2. Comparing datasheet endurance figures for Intel® SSD D3-S4520 & Intel® SSD D3-S4510. Comparing datasheet random write figures for Intel® SSD D3-S4520 & Intel® SSD D3-S4510.