



Innovative Storage for Data-Driven Needs Today and Tomorrow

Dell EMC PowerMax handles enormous amounts of data quickly and with intelligence.



Enterprises today need **rich insights** from powerful applications.



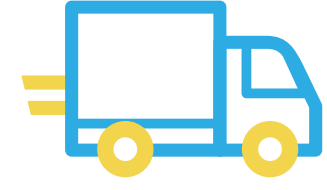
Online trading



Fraud detection



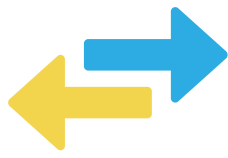
Point-of-sale transactions



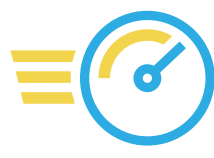
Inventory and supply-chain management

Quickly accessing the data from these applications is **paramount**.

Enterprise-level storage systems **must be able** to handle demanding mixed workloads with:



More input/output operations per second (IOPS)



High bandwidth



Extremely low latency

Meet your most intensive data needs with Dell EMC PowerMax and Intel® Optane™ Solid State Drives (SSDs).

A high-performing, low-latency storage platform that:

- ✓ Provides in-memory quick data access at a storage-like cost
- ✓ Supports near-real-time analytics, online transaction processing (OLTP), and other data-intensive applications
- ✓ Prioritizes performance based on service-level agreements (SLAs) with a built-in machine learning (ML) engine

500%

more write IOPS¹

100%

more bandwidth¹

26%

lower latency¹

Compared to using NAND flash storage.



Experience real-world results with faster data storage and retrieval.

Deliver new, enhanced customer experiences, integrated automation, and create new business models on a resilient platform that offers:

Up to **15M** IOPS¹

Up to **50%** better response times²

100 MICROSECOND read-response times²

Up to **350 GB/SEC** bandwidth²

Dual-port Intel Optane SSDs: industry-leading capabilities for storage.

- Simultaneous read/write for high-performance response times
- 24/7 data availability in the event of system upgrades or failure
- Scale performance while balancing overall design costs



Get more from your applications with Dell EMC PowerMax and Intel Optane SSDs.

Learn more:

Dell EMC PowerMax NVM Express (NVMe) data storage:
delltechnologies.com/en-us/storage/powermax.htm

Intel Optane SSDs:
intel.com/optanedatacenters



¹ "Enterprise Strategy Group (ESG). Technical Validation: Dell EMC PowerMax and SCM Powered by Dual-port Intel Optane Technology Combine to Improve Overall System Performance." Commissioned by Dell EMC. September 2019. esg-global.com/validation/esg-technical-validation-dell-emc-powermax-and-scm-powered-by-dual-port-intel-optane-technology.

² Dell Technologies. "Dell Technologies Delivers Industry-First Storage Innovation, Exceptional Performance and Multi-Cloud Flexibility on Dell EMC PowerMax." September 2019. <https://corporate.delltechnologies.com/en-us/newsroom/announcements/detailpage.press-releases~usa~2019~09~20190910-dt-delivers-industry-first-innovation.htm#/filter-on/Country:en-us>.

Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. No product or component can be absolutely secure.

Intel technologies may require enabled hardware, software, or service activation.

Your costs and results may vary.

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Results have been estimated or simulated.

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