



## POWERSTORE FOR EMERGING BUSINESSES

Future-proof storage for advancing innovation and growth

### Future Proof Design

Seamless scalability and integration for tomorrow

### Guaranteed Efficiency

5:1 Data Reduction with no assessment

### Intuitive and Easy to Use

Industry ranked #1 in ease of use

### AT A GLANCE.

#### Simplicity

- Intuitive management with streamlined deployment, reducing complexity and effort

#### Efficiency

- Optimize storage with industry-leading 5:1 data reduction

#### Outrageous Performance

- End-to-end NVMe ensures blazing speed for demanding workloads

#### Future Proof

- Scalable, flexible architecture evolves with your organization's needs

#### AI-Assisted Operations

- Predictive analytics automate decisions, optimizing performance and reducing downtime

#### Diverse Migration Tools

- Seamlessly transition data from legacy systems and third-party arrays

### Designed to Empower Innovation

PowerStore is a next-generation storage platform purpose-built to drive innovation and efficiency for modern R&D organizations. Recognized as #1 in ease of use, it offers an intuitive and intelligent approach to data management that reduces complexity and empowers IT teams. With unmatched efficiency, including an industry-leading 5:1 data reduction ratio (DRR), PowerStore maximizes your storage capacity while keeping costs under control. Its future-proof design ensures seamless adaptability to evolving business needs, making it the ideal solution for R&D teams focused on staying ahead in a rapidly changing landscape.

This comprehensive storage solution combines exceptional performance, effortless scalability, robust data protection, and simplified operations to meet the unique demands of emerging R&D organizations. Whether managing compute-intensive workloads, scaling for growth, or safeguarding critical projects, PowerStore delivers unparalleled value and versatility.

### Accelerating Innovation with High Performance

PowerStore is built to supercharge R&D efforts with industry-leading performance. It delivers millions of IOPS and sub-millisecond latency, ensuring compute-intensive workloads operate with blazing speed. The NVMe-optimized architecture supports even the most demanding applications, providing lightning-fast data access. To further enhance efficiency, PowerStore guarantees a 5:1 data reduction ratio, maximizing the value of your storage investments while handling vast amounts of R&D data.

### Effortless Scalability for Growing R&D Needs

As your R&D projects expand, PowerStore evolves with you. Its dynamic resource allocation enables seamless scaling to accommodate increasing data volumes, either by adding capacity or enhancing system performance. Unified storage consolidates block and file workloads into a single system, simplifying management for your IT teams. The platform's modular hardware ensures that future expansion is smooth and integrates easily with emerging technologies, making it a future-ready solution for your organization.

## Built-In Data Protection for Critical Projects

Protecting intellectual property and ensuring uptime for vital research projects is non-negotiable. PowerStore delivers enterprise-grade data protection through features like Metro Volumes for synchronous replication, guaranteeing zero downtime. Snap-based recovery and replication minimizes data loss, offering instant restoration for critical development iterations. Additionally, PowerStore's secure-by-design approach includes built-in encryption and compliance features, safeguarding your organization's sensitive data.

## Simplified Operations with Advanced Automation

PowerStore is designed to ease operational complexity, enabling your IT teams to focus on innovation. AI-driven insights provide machine-learning recommendations for optimizing performance and capacity. Its intuitive management interface makes administration simple, even for teams with limited resources. By automating routine tasks, PowerStore enables your organization to allocate more time and energy to advancing R&D initiatives.

## Cost-Effective Efficiency for R&D Budgets

PowerStore balances performance with affordability, making it an ideal storage solution for R&D organizations. Features like inline data reduction and energy-efficient design help reduce operational expenses. The PowerStore 3200Q model, equipped with cost-effective QLC drive technology, ensures high performance without breaking the budget. Flexible consumption models, including pay-as-you-grow options, allow you to align storage costs with your business needs, ensuring optimal resource utilization.

## Versatility for Diverse R&D Workloads

PowerStore supports a wide range of workloads that are essential to modern R&D organizations. Whether it's high-performance computing simulations, advanced analytics, AI and ML model training, or data-intensive software development environments, PowerStore is designed to handle it all. This versatility ensures your organization has the tools to tackle any challenge in a competitive research landscape.

EXAMPLE WORKLOADS	MODEL	KEY FEATURES
Small to medium scale workloads, ROBO	500T	<b>KEY FEATURES</b> <ul style="list-style-type: none"><li>- Cost-effective for small to medium workloads</li><li>- Built-in automation and AI-driven insights</li><li>- Efficient data reduction (5:1)</li><li>- Simple scalability for growing needs</li></ul>
Virtualization, office applications, remote backup	1200T	<ul style="list-style-type: none"><li>- Flexible storage for medium-sized virtualization workloads</li><li>- High availability and integrated data protection</li><li>- Predictive analytics</li></ul>
Cloud-native applications, database workloads	3200T	<ul style="list-style-type: none"><li>- Designed for cloud integration and hybrid cloud environments</li><li>- Real-time access to performance-intensive workloads</li><li>- Advanced disaster recovery and business continuity</li><li>- Scalability to meet enterprise demands</li></ul>
AI/ML workloads, high-performance databases	5200T	<ul style="list-style-type: none"><li>- Built to handle data-intensive workloads such as AI/ML</li><li>- NVMe for fast data access</li><li>- High throughput for demanding applications</li><li>- Adaptive architecture for performance and efficiency</li></ul>
Business-critical applications, big data analytics	9200T	<ul style="list-style-type: none"><li>- Superior scalability for large datasets</li><li>- Enterprise-class performance and availability</li><li>- Comprehensive data protection and DR capabilities</li><li>- Real-time predictive analytics for insights</li></ul>

## PowerStore: A Platform for R&D Excellence

PowerStore is more than just a storage solution—it's a platform designed to accelerate innovation, simplify operations, and scale with your growing R&D organization. By offering unparalleled performance, robust data protection, cost-effective efficiency, and seamless migration capabilities, PowerStore empowers your business to achieve excellence in research and development.



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