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POWERVAULT ME5 STORAGE

Purpose-built and optimized for small and medium businesses

SIMPLE
Easy to order, quick to install, simple-to-use

FAST
Run workloads 2X faster, 70%+ more bandwidth, and faster host connectivity[1]

AFFORDABLE
Valid configurations starting as low as $11,000 (USD)

AT A GLANCE

Powerful
- High-performance architecture optimized for speed, bandwidth

DAS Options
- Validated with Dell PowerEdge Servers

Versatile
- Ideal for modern workloads like CCTV, HPC, Virtualization, SQL DBs, VDI, & more

All-inclusive
- All the software you'll need to store, manage, and protect your data.

Scalable
- Buy just the capacity (up to 8PB) you need, then easily and affordably pay-as-you-grow

Management
- Comprehensive ecosystem with advanced tools, observability, monitoring, and APIs.

Flexible
- Configure systems as All-Flash, Hybrid Flash or All-HDDs

Shaping Storage for Small and Medium Businesses

Dell PowerVault ME5 redefines entry-level storage by delivering essential high-end storage features and data services to Small and Medium Businesses (SMB). Designed for highly transactional workloads, PowerVault ME5 offers a powerful combination of performance, capacity, and simplicity, ensuring your business achieves its goals without compromising on quality or budget.

PowerVault ME5 outpaces its predecessor (ME4) with outrageous performance, exceptional capacity, and higher bandwidth while maintaining a user-friendly experience.ME5 reduces IT complexity, supports larger data volumes, and delivers comprehensive data protection features—with economics that align with budget priorities of SMBs.

If your business needs raw power, highly scalable capacity, and genuine simplicity in a compact footprint, then PowerVault ME5, available in 2U or 5U configurations, is the answer. Built with dual-active controllers, multi-core processors, and 99.999% availability, PowerVault ME5 merges flash performance with the affordability of disk storage, making it the ideal solution for transactional and high-value workloads.

A Perfect Pairing for SMBs

Pairing external storage with servers unlocks significant benefits for SMBs. By decoupling storage from servers, businesses can upgrade or maintain servers without data disruption, keeping data securely in place. ME5 arrays, validated with Dell PowerEdge servers, provide a robust, scalable infrastructure that's simple and cost-effective to support any modern application.

Workload Versatility

SMBs encounter challenges similar to those faced by larger enterprises, such as managing data growth, ensuring data protection, and operating within tight budgets. The ME5 series is designed to meet these demands head on while efficiently handling a wide variety of transactional and high-performance workloads, including:
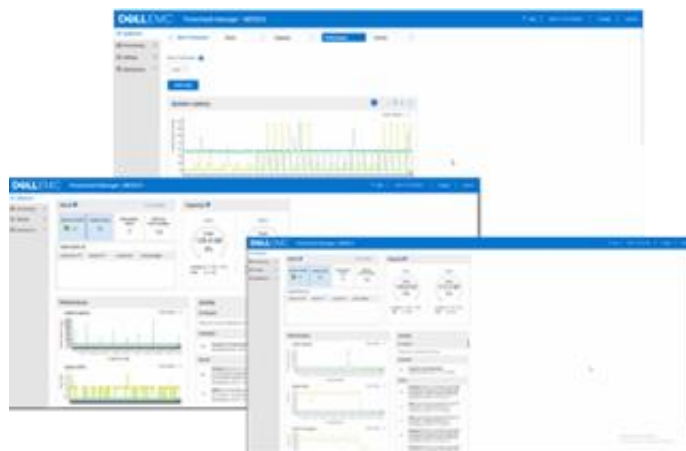
- Microsoft SQL Databases
- Virtualization/VDI
- High-Performance Computing
- Backup & Archiving
- Edge Applications

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WORKLOAD EXAMPLES	MODEL	KEY FEATURES
Microsoft SQL	ME5012	High IOPS, fast transaction processing, compact 2U design
Virtualization/VDI	ME5024	Scalable performance, mid-sized 2U for dense VDI environments
HPC	ME5024	Multi-core processing, flash support, optimized for compute-intensive workloads
Backup and Archiving	ME5084	Large capacity, high density 5U design for cost effective data retention
Edge Applications	ME5084	Massive scalability, reliability, durability for Edge deployments
CCTV/Surveillance	ME5012	Compact size, high write endurance for continuous video capture

Intuitive and Simple Management Ecosystem

PowerVault ME5 simplifies management with:

- **PowerVault Manager:** An intuitive web-based tool for configuration, alerting, and remediation, included at no additional cost.
- **OpenManage Integration:** Centralized, automated tools for managing your Dell infrastructure with ease.
- **Nagios Compatibility:** Seamless integration for monitoring mission-critical infrastructure, including applications, storage, and networks.
- **AIOps Observability** is included at no additional cost when you purchase Dell ProSupport Services. AIOps is a cloud-based SaaS management tool designed to help teams interpret data, reduce alert noise, identify the most critical issues, and predict potential failures. In doing so, AIOps speeds time to resolution of issues up to 10X[2] and saves IT administrators one workday per week on average.[2]

Simple, intuitive management with scripting support

Built for Small and Medium Businesses with Big Ambitions

Designed to address the unique needs of highly transactional businesses, PowerVault ME5 delivers enterprise-class capabilities in a cost-effective, scalable, and easy-to-use package. It's the perfect storage solution to drive your business forward, today and into the future.

1 Comparison to previous PowerVault ME4 generation
2 Based on a Dell Technologies survey of Infrastructure Observability users conducted May through June 2021. Actual results may vary.

[Learn more](#) about Dell PowerVault products   [Contact](#) a Dell Technologies Expert

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