

DELL POWERPROTECT DATA MANAGER APPLIANCE

Modern

- **Multicloud optimized:** Extend protection to the cloud with long term retention, cloud disaster recovery and cloud native workload protection across multiple public clouds
- **Unique VMware protection:** Ensure availability of all your VMs at scale without business disruption with Transparent Snapshots

Secure

- **Operational and Cyber resilience:** Increase business resiliency to rapidly recover from cyber incidents
- **Secure access:** Multi-Factor Authentication, Single login with Active Directory integration, Identity and Access Management (IAM), Role Based Access (RBAC)
- **Retention lock:** Reduce potential for malicious data changes with retention lock governance and compliance mode options

Simple

- **Unified User Experience:** Simplify management, monitoring and reporting for both on-premises and cloud protection
- **Autonomous operations:** Automate discovery and protection of databases, VMs, file systems, and Kubernetes containers
- **Scalable:** Add external shelf support to enable up to 256 TB capacity
- **Self-service:** Backup and restore directly from native interfaces

Gain the confidence that your data is protected and available when you need it

Organizations are facing increased complexity – cyber threats, cloud-native application diversity, and resource constraints, plus unrelenting data growth – driving the need for solutions that enable them to do more with less. To support these expanding use cases and requirements, backup solutions are transforming to provide more than just access to backups and restore capabilities. They need to leverage and protect cloud-native applications, enable self-service backups and restores and increase business resiliency to recover from cyber incidents.

To address these requirements, Dell Technologies enables you to simplify the experience of adopting modern data protection with the Dell PowerProtect Data Manager Appliance. The PowerProtect Data Manager Appliance is the Next Generation of Dell PowerProtect integrated appliances. The PowerProtect DM5500 is a solution to replace existing PowerProtect DP4400 and DP5900 appliances.

Start your journey towards modern data protection with the Dell PowerProtect Data Manager Appliance

The PowerProtect Data Manager Appliance includes [PowerProtect Data Manager](#) to deliver next generation multicloud data protection. Data Manager gives you valuable insights into protected on-premises and in-cloud workloads, applications, file systems, and virtual machines (VMs). Plus, complete oversight and governance to ensure compliance.

The Data Manager Appliance offers complete backup, deduplication, replication, recovery, instant access and restore, search and analytics, and seamless VMware integration – plus, cloud readiness with disaster recovery, long-term retention to the cloud as well as support for multicloud workloads. The Data Manager Appliance delivers it all without added complexity.

The Data Manager Appliance offers an integrated data protection platform that combines protection storage with PowerProtect Data Manager software and cloud readiness – all in a single appliance. The Data Manager Appliance provides a unified user experience and automates discovery and protection of databases, VMs, file systems and Kubernetes containers. Experience enhanced scalability and simplicity with the PowerProtect Data Manager Appliance's latest expansion, now offering up to 256 TB, catering to diverse use cases and seamless PowerStore integration for efficient backup and recovery.

Density and performance

- Up to 768 TB (usable), 42.2 PB (logical) capacity with Cloud Tier
- Faster restore performance with multi-stream restores
- Faster I/O with Multi-VLAN support
- Instant Access / Instant Restore with up to 24K IOPS and up to 12 VMs

Workloads, containers, and file systems

- Oracle, Microsoft SQL and Exchange, SAP HANA
- Kubernetes
- Windows, Linux and AIX filesystems

Cloud

- Cloud tier support to public, private or hybrid cloud with no additional hardware
- Native cloud disaster recovery failover in 3 clicks, failback in 2 clicks.¹ Supported on Amazon Web Services, Microsoft Azure and VMware Cloud on AWS
- Protect and monitor cloud-native workloads across multiple public clouds.

Energy and Efficiency on Dell Storage

- Dell is committed to improving energy efficiency in our storage portfolio with each generation^{2,3}

The Data Manager Appliance ensures availability of all of your VMs at scale without business disruption with Transparent Snapshots, simplifying VM image backups for near-zero impact to your VMs or VM resources. This innovation increases backup performance, lowers costs and simplifies management while reducing the risk of data loss.

It also offers efficient and cost-effective native Cloud Disaster Recovery (to Amazon AWS, Microsoft Azure, and VMware Cloud on AWS) with end-to-end orchestration – failover in 3 clicks, and failback in 2 clicks.¹

Orchestrate protection directly through an intuitive interface and secure data with the latest capabilities for operational and cyber resilience. Empower data owners to perform self-service backup and restore operations from their native applications with central governance and oversight.

Be confident that your data is protected and available with the simplified experience of PowerProtect Data Manager Appliance.

PowerProtect Data Manager Appliance

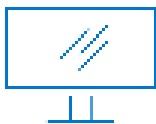
MAXIMUM THROUGHPUT¹	Up to 14.0 TB/hr
LOGICAL CAPACITY^{1,2}	Up to 14.1 PB
W/ CLOUD TIER	Up to 42.2 PB
USABLE CAPACITY	12 to 256 TB
W/ CLOUD TIER	Up to 768 TB

¹ Top-end values are maximums – actual capacity & throughput depends on application workload, deduplication, and other settings.

² Logical capacity based on up to 55x deduplication. Actual capacity & throughput depends on application workload, deduplication, and other settings.

Simplify modern data protection with the PowerProtect Data Manager Appliance

To learn more about the PowerProtect Data Manager Appliance, please visit Dell.com/PowerProtectDataManagerAppliance.



[Learn More](#) about PowerProtect Data Manager Appliance



[Contact](#) a Dell Technologies Expert

¹ According to Dell Internal Testing, March 2022.

² Dell Information Technology Equipment is compliant with all currently applicable regulatory requirements for Electromagnetic Compatibility, Product Safety, and Environmental Regulations where placed on market. Regulatory information and verification of compliance is available at Dell Regulatory Compliance site. http://dell.com/regulatory_compliance.

³ Dell is committed to improving energy efficiency in our storage portfolio with each generation.