DELL Technologies

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# Power Your Solutions with Dell Technologies

Innovative storage and data protection technologies for Solution Builders to OEM

UNICOM® Engineering, Inc.
A Division of UNICOM Global

Get Started

Dell Technologies OEM Solutions and our partner UNICOM Engineering help you reimagine the solutions you bring to market. This applies to the solution you design, how you create it and the way you monetize it. And it involves making sure you get the best technology, service and support to allow you to bring a top quality solution to market that meets your company objectives.

Our mutual success stems from our commitment to working with solution builders like you to design and enable the right combination of technology and capabilities for your solution.

While we've been in the business of helping our OEM customers bring solutions to market for over two decades, we've been in the tech business even longer. We work with 50 industry verticals, creating unique technology solutions for up to 5,000 customers, bolstered by a secure supply chain — and global distribution and support. Tapping into a partner like UNICOM Engineering empowers you to serve your customers better, to deliver solutions faster, and to fuel growth in exciting new ways.

Our high-quality OEM Solutions are off-the-shelf Dell Technologies products targeted at solution builders that want to innovate. Discover for yourself the breadth and strength of the Dell Technologies storage and data protection portfolio. Dream big and realize high-value business outcomes with Dell Technologies and UNICOM Engineering.

**#1** **market leader for OEM Solutions[1]**

**20+** **years supporting OEM customers**

**81%** **of U.S. Fortune 100 companies use Dell Technologies for their edge solutions[2]**

Through co-engineering and deep collaboration, Intel® technologies are a consistent hardware foundation of the broad Dell storage portfolio, delivering industry-leading products that meet the needs of today and tomorrow.

[1]Global Share based on 2021 Revenue, VDC Research, Worldwide OEM Solutions Provider. Veeva claim ID: CLM 004910.
[2]Dell Technologies analysis of U.S. Fortune 500, June 2022.

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**Primary data storage (entry) — Hybrid block**

# Dell PowerVault — Block storage optimized for SAN, DAS and edge workloads

> PowerVault ME5 specification sheet
> PowerVault MD24xx specification sheet

The OEM-Ready Dell PowerVault ME5 is our most affordable storage solution. Block-only storage optimized for SAN, DAS and edge workloads, it is ideal for small- to medium-sized solutions or for use with Dell PowerEdge servers. PowerVault ME5 starts in a 2U form factor with ample room for growth and delivers on performance and operational simplicity.

PowerVault is also available as server-attached storage, namely the OEM-Ready PowerVault MD24xx Series. The PowerVault MD24xx Series is server-attached storage (also known as JBOD) that's purpose-built and optimized for Dell PowerEdge server attach.

## Key features

- OEM-Ready (can ship as unbranded)
- Custom hardware and software branding options available
- Flexible deployments with hybrid or all-flash arrays
- Lowest cost per GB
- Includes CloudIQ for intelligent infrastructure insights
- Built with Intel Xeon® processors
- Single or dual controller models available
- Expansion enclosures and JBOD available

## Top industries/workloads

- Healthcare and life sciences
- Media, entertainment and gaming
- Energy — oil and gas (HPC workloads)
- Safety and security
- Industrial automation
- Edge-based workloads


**Primary data storage (midrange) – Hybrid block and file**

# Dell Unity XT — No-compromise unified storage

> Unity XT specification sheet
> Unity XT DC powered specification sheet

The Dell Unity XT unified storage appliance is designed for performance, simplicity and affordability with its all-inclusive enterprise-class data services. It starts in a 2U footprint that scales up and delivers low latency with high performance to a broad range of SAN and NAS use cases.

## Key features

- Hardware and software branding options available
- Flexible deployments with hybrid, all-flash or virtual storage array (VSA)
- DC-powered NEBS-/ETSI-compliant options
- Dual-active controller architecture
- Includes CloudIQ for intelligent infrastructure insights
- Built with Intel Xeon processors

## Top industries/workloads

- Healthcare and life sciences
- Telecom
- Financial technologies
- Industrial automation
- Public sector and defense
- Edge-based workloads


**Primary data storage (midrange) – Scalable all-flash block and file**

# Dell PowerStore — Software-driven unified storage

> PowerStore specification sheet

The OEM-Ready Dell PowerStore is a modern data-centric, intelligent and adaptable storage appliance that supports a diverse set of workloads and deployment options. Its container-based architecture ensures continuously modern software-driven innovations that safeguard data and allows for maximum performance without impact. With Dynamic AppsOn support you can now enjoy the advantages of VxRail and PowerStore including solution-level lifecycle management, scale compute or storage independently and end-to-end VMware® integration.

## Key features

- OEM-Ready (can ship as unbranded)
- Custom hardware branding options available
- Performance optimized with end to end NVMe® design
- Efficiency with always-on inline data reduction
- Dynamic AppsOn
- DC-powered NEBS-compliant option available
- Scale-up and scale-out capability
- Includes CloudIQ for intelligent infrastructure insights
- Built with Intel Xeon processors

## Top industries/workloads

- Healthcare and life sciences
- Telecom
- Financial technologies
- Industrial automation
- Public sector and defense
- Edge-based workloads


**Primary data storage (enterprise) – Multinode NVMe storage**

# Dell PowerMax — Enterprise storage for mission-critical workloads

> PowerMax specification sheet

Based on NVMe dynamic fabric technology, the new PowerMax systems eliminate traditional storage boundaries in every possible dimension — performance, scalability, capacity and security — to meet the increasing demands of traditional workloads and next-generation cloud-based applications. Designed for zero-trust security architectures, with greater efficiencies, more automation and intelligence, PowerMax is built on decades of software innovation.

## Key features

- Multinode scale-up, scale-out architecture
- Performance optimized with new dynamic fabric technology and RDMA over NVMe
- Six-nines availability
- Gold-standard replication for business continuance
- Includes CloudIQ for intelligent infrastructure insights
- Built with Intel Xeon processors
- Multicloud data mobility

## Top industries/workloads

- Healthcare and life sciences
- Telecom
- Public sector and defense
- Industrial automation
- Financial technologies


**Unstructured data – File and S3 object storage**

# Dell PowerScale — Modern, flexible scale-out file storage

> PowerScale All-Flash specification sheet

> PowerScale Hybrid specification sheet

> PowerScale Archive specification sheet

The OEM-Ready Dell PowerScale is the leading scale-out NAS appliance powering OEM designs worldwide. With the PowerScale OneFS software-defined architecture, all-flash, hybrid and archival nodes, and native edge, core and cloud deployment options, PowerScale allows you to design a solution that meets all your go-to-market requirements.

## Key features

- OEM-Ready (can ship as unbranded)
- Custom hardware and software branding options available
- All-flash, hybrid and archival nodes
- Supports Dell PowerScale Cyber Protection
- Includes CloudIQ for intelligent infrastructure insights and DataIQ for intelligent data discovery
- Built with Intel Xeon processors

## Top industries/workloads

- Healthcare and life sciences
- Media, entertainment and gaming
- Safety and security
- Telecom
- Public sector and defense
- Energy


**Unstructured data — Object storage (appliance form factor or software-defined)**

# Dell ECS and Dell ObjectScale — Enterprise-class object storage

> ECS specification sheet
> ObjectScale solution overview

Dell ECS is a leading object storage platform that provides extreme performance with exabyte scale in a turnkey appliance form factor.

Dell ObjectScale is a modern software-defined enterprise object storage offering that can scale to any capacity with global access.

## Key features

ECS

- Hardware branding options available
- Appliance form factor
- Built with Intel Xeon processors

ObjectScale

- Software-defined form factor (also available in an 11PB all-NVMe appliance)
- Designed for Kubernetes®
- Supported on VMware and Red Hat® OpenShift®

## Top industries/workloads

- Healthcare and life sciences
- Media, entertainment and gaming
- Energy
- Telecom
- Public sector and defense


**Hyperconverged infrastructure (HCI) / software-defined infrastructure**

# Dell VxRail — VMware-focused hyperconverged infrastructure (HCI)

> VxRail specification sheet

A fully integrated, preconfigured and pretested HCI appliance that is built for VMware, with VMware, to enhance VMware. VxRail is a good fit for VMware-based solutions, deploying a hybrid cloud or creating a developer-ready Kubernetes solution. And it comes with simplified lifecycle management, including automated full-stack single-click patching and updating.

## Key features

- Hardware branding options available
- Flexible configurations including performance-optimized, cost-effective, compute-dense, storage-dense and military- and marine-certified options
- Includes CloudIQ for intelligent infrastructure insights
- Built with Intel Xeon Scalable processors

## Top industries/workloads

- Healthcare and life sciences
- Safety and security
- Energy
- Industrial automation
- Public sector and defense
- Edge-based workloads


**Hyperconverged infrastructure (HCI) / software-defined infrastructure**

# Dell PowerFlex — Enterprise-ready software-defined infrastructure

> PowerFlex specification sheet

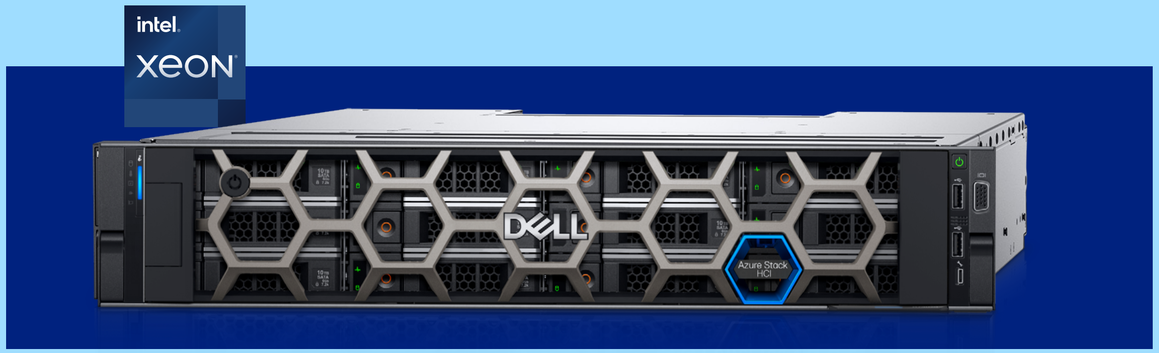
Dell PowerFlex delivers flexibility, elasticity and simplicity with predictable performance and resiliency at scale by combining compute and high-performance storage resources in a managed unified fabric. It supports multiple hypervisors and offers deployment flexibility with two-layer (server SAN), single-layer (HCI), storage-only, or mixed architectures — all of which can scale independently.

## Key features

- Hardware branding options available
- Block and file support
- Extreme flexibility, massive performance and linear scalability
- Built with Intel Xeon processors
- Flexible deployment options
- Multi-hypervisor support
- Includes CloudIQ for intelligent infrastructure insights

## Top industries/workloads

- Healthcare and life sciences
- Telecom
- Energy
- Industrial automation
- Financial technologies




**Hyperconverged infrastructure (HCI) / software-defined infrastructure**

# Dell Solutions for Microsoft Azure Stack — Azure Stack HCI and Azure Stack Hub

> Azure Stack HCI specification sheet
> Azure Stack Hub specification sheet

Dell Technologies and Microsoft have partnered to provide two comprehensive hybrid cloud solutions that enable you to extend Microsoft® Azure® services to the environment of your choice — from the data center to the edge. Now you can build and manage your diverse hybrid and edge computing workloads consistently across locations with Azure services.

## Azure Stack HCI

Delivered as an Azure service, run virtualized applications on-premises with full-stack lifecycle management while easily connecting resources to Azure.

- Refresh and modernize aging virtualization platforms.
- Integrate with Azure for hybrid capabilities.
- Provide compute and storage at remote branch offices.
- Deploy and manage Azure cloud and Azure Stack HCI anywhere with Azure Arc as a single control plane.

## Azure Stack Hub

Run your own private, autonomous cloud — connected or disconnected with cloud-native apps using consistent Azure services on-premises.

- Run connected or disconnected from the public cloud.
- Comply with data sovereignty laws and regulations.
- Run Azure-consistent Infrastructure-as-a-Service (IaaS) and Platform-as-a-Service (PaaS).
- Build cloud-native modern apps.

## Top industries/workloads

Healthcare

Defense

Energy

Industrial automation

Marine

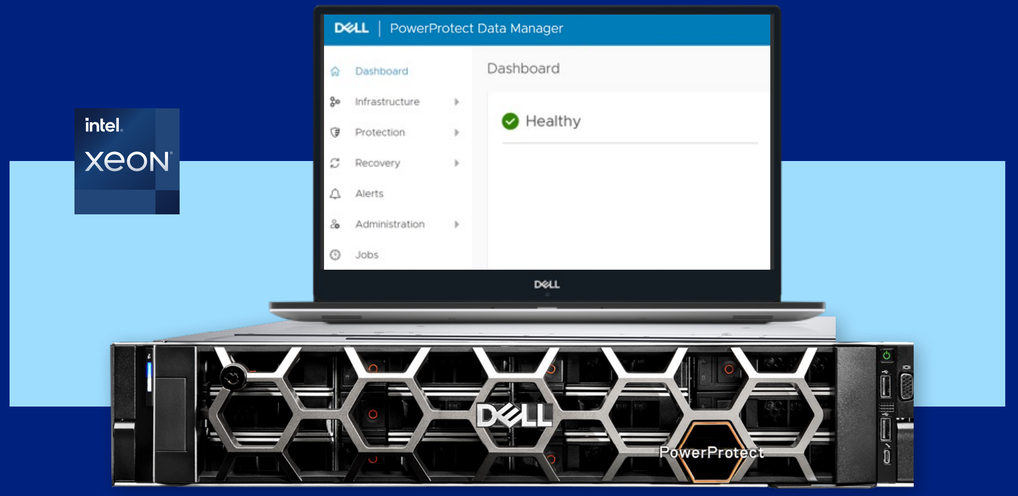

**Data protection**

# Dell PowerProtect DD Series — Purpose-built backup appliance

The Dell PowerProtect DD Series appliance is built with Intel Xeon processors and is a target backup appliance that delivers enterprise performance, efficiency and scale. Protect, manage and recover data at scale across diverse environments with a solution designed to meet backup, archive and disaster and cyber-recovery needs of all sizes.

PowerProtect DD Series Virtual Edition (DD VE) is simple to configure and can be up and running in minutes.

> PowerProtect DD Series Appliance specification sheet




**Data protection**

# Dell PowerProtect Data Manager Appliance — Integrated data protection appliance

Experience modern data protection with an integrated appliance based on PowerProtect Data Manager. Easy to configure and manage, the PowerProtect Data Manager Appliance provides a unified user experience and automates discovery and protection of databases, VMs, file systems and Kubernetes containers.

> PowerProtect Data Manager Appliance specification sheet

# OEM-enabled offerings

### Dell Standard
These are Dell branded off-the-shelf products that have been designed to the highest standards.

### OEM-Ready
If an unbranded (i.e., de-branded hardware and/or software) product enables your go-to-market, OEM-Ready is the choice for you. We have removed visible branding from the standard Dell products, i.e., we have removed the Dell branding from our hardware, software, documents and packaging, and where possible global regulatory certificates have been updated.

### Industrialized
Comes with industrial-grade durability, industry certifications/ qualifications (can include Security Technical Implementation Guides [STIG] hardening, military, or DC NEBS/ETSI) or short-depth options.

### Custom
OEM Solutions support numerous unique customization options including personalized branding options. Custom options are just that — they are customized to meet your specific requirements. This option can also include customizing fit and function and other customization options besides branding.

| | Dell Standard | OEM-Ready | Industrialized | Custom |
|---|---|---|---|---|
| Dell PowerVault | ✓ | ✓ | | Hardware & software |
| Dell PowerScale | ✓ | ✓ | ✓ | Hardware & software |
| Dell PowerStore | ✓ | ✓ | ✓ | Hardware |
| Dell Unity XT | ✓ | | ✓ | Hardware & software |
| Dell PowerMax | ✓ | | | Hardware |
| Dell ECS / ObjectScale | ✓ | | | Hardware |
| Dell VxRail | ✓ | | ✓ | Hardware |
| Dell PowerFlex | ✓ | | | Hardware |
| Dell PowerProtect | ✓ | | | Hardware |

# Together, we can drive your business forward

DELL Technologies

UNICOM® Engineering, Inc.
A Division of UNICOM Global

With Dell Technologies OEM Solutions and UNICOM Engineering, you get access to innovative technologies and worldwide supply with trusted service and support. No matter your use case or business demands, we'll help you access, protect, scale and manage your data better than ever.

Grow your brand and create a better customer experience while focusing on innovation, not solution churn. Tell us your idea, and together we can design a winning solution.

Are you ready to get serious about storage or data protection? Contact UNICOM Engineering and together with Dell Technologies we will help you realize the potential of your data — and your business.

For more information go to unicomengineering.com/storage