

Key benefits

Fast, efficient and secure

- Up to 38% faster backups with up to 94 TB per hour*
- Up to 45% faster restores*
- 50% faster Instant Access/Restore with up to 60k IOPS and up to 64 VMs**
- 50% more capacity in half the rack space - up to 1.5PB useable capacity and 97.5PB logical capacity for DD9900
- 30% improvement in logical capacity per TB across all new appliance models***
- Up to 39% lower rack space
- Grow-in-place capacity
- Support for PowerProtect Cyber Recovery

Multi-cloud protection

- Cloud Tier for long term retention
- Cloud Disaster Recovery
- Software defined data protection

Dell Technologies on Demand

- Flexible payment options including pay as you go, pay as you use, and provided as-a-Service options

DELL EMC POWERPROTECT DD SERIES APPLIANCES

Dell Technologies Data Protection

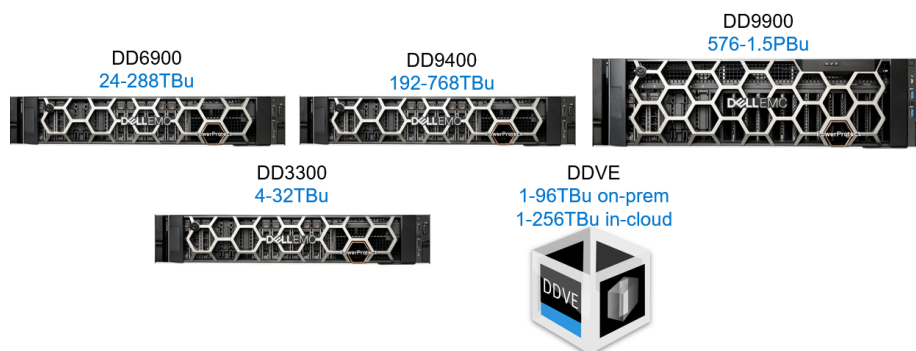
The importance of data protection continues to increase as the volume, variety and velocity of data grows exponentially and workloads span the edge, core, and cloud. Simultaneously, organizations face increased exposure to data loss from a variety of reasons including human error, man-made and natural disasters, and increasingly security threats and cyber-attacks. The Dell EMC Data Protection Portfolio has been built to provide organizations of all sizes with comprehensive protection of their data to ensure availability, no matter where it lives.

For over a decade Data Domain has been the foundation of the Dell EMC data protection portfolio and is the industry leader for Purpose Built Backup Appliances, helping thousands of customers protect their data on premise and increasingly in the cloud.

DD series represents the next generation of Data Domain, while setting a new bar for performance, efficiency, security and multi-cloud data protection.

DD series

Three new physical appliances lead the way with DD6900, DD9400 and DD9900 as well as the existing DD3300 and PowerProtect DD Virtual Edition.



*Based on Dell EMC internal testing with DD Boost protocol on DD9900 and DP8900 with DDOS 7.2 vs. DD9800 and DP8800 with DDOS 7.2, April 2020. Actual results will vary.

**Based on Dell EMC internal testing using 8KB 100% read to measure peak IOPS, performed on PowerProtect DD9900 and DDOS 7.2, July 2020. Retest performed on DD9900 within DP8900, September 2020. Actual results will vary.

***Based on Dell EMC analysis of field telemetry from PowerProtect DD series appliances v. previous generation, October 2020. Results applied to PowerProtect DD and DP series appliances. Results will vary.

Fast, efficient and secure

DD series meets stringent SLAs with up to 38% faster backups and up to 45% faster restores.* Higher IOPS with 50% faster Instant Access/Restore with up to 60k IOPS and up to 64 concurrent virtual machines.** To deliver faster networking compatibility the new appliances also supports 25GbE and 100GbE.

DD9900 can support 50% more usable capacity in a single rack, up to 1.5PB of useable capacity and 97.5PB of logical capacity. Hardware assisted compression delivers up to 30% more logical capacity per TB*** across all three new appliances and rack space is reduced by as much as 39% with new 8TB drives. DD series offers grow-in-place expansion through half shelf licensing support.

DD series supports the latest update to PowerProtect Cyber Recovery with recovery of backups from Cyber Recovery Vault.

Industry leading multi-cloud protection

Extend on-premises data protection with DD series and Cloud Tier for native tiering of deduplicated data to the cloud. Cloud Tier supports a broad ecosystem of backup applications for both public and private clouds, reducing storage footprint and network bandwidth efficiency.

Cost effective disaster recovery is delivered through Data Protection Suite to AWS, Azure and VMware Cloud on AWS. Cloud Disaster Recovery copies protected VM's from on-premises DD series to the public cloud and directly onto object storage.

Deploy PowerProtect DD Virtual Edition (DDVE) in the public cloud and backup and replicate directly in a hybrid cloud environment.

Dell Technologies on Demand

Dell Technologies on Demand delivers a range of inclusive consumption models for DD series appliances that combine flexible payment solutions with value-added services. Our innovative, all-encompassing solutions enable you to:

- Pay as you go – Make predictable payments over an agreed upon cycle – and grow over time at a pre-determined rate
- Pay as you use – Measure actual usage, set baseline capacity needs with the flexibility to elastically scale on demand
- Provided as-a-Service – Let us manage and maintain the technology, aligned to SLAs, and bill as resources are consumed



Learn more about
[DD series](#)



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