

Dell EMC UNITY ALL-FLASH

ESSENTIALS

Differentiation

- **Simple:** Quick to install, slick easy-to-use web-based (HTML5) management interface
- **Modern:** Modern 2U architecture designed for all-flash with inline data reduction and dense SSD's
- **Flexible:** Unified file and block support for mixed workload consolidation
- **Affordable:** Midrange value optimized for simplicity, performance, density, and cost

Benefits to you

- **Cost Savings:** Mixed workload consolidation onto affordable all-flash arrays that scale to 16PB raw capacity
- **Trusted:** Knowing you are using modern, transformative technology that is industry proven
- **Performance:** Consistent flash performance with low latency for mixed workloads
- **Consolidation:** Consolidate all your mixed workloads (file and block) onto a single solution
- **Protected:** Totally protected by Dell EMC data protection options including support for 2-way NDMP

Endless Possibilities

- **Cloud enablement:** Cloud-based management with CloudIQ, Cloud Tiering Appliance to reduce backup windows, and SDS in the Cloud.
- **One architecture:** Replicate to a free Dell EMC UnityVSA™ at a ROBO site while copying data to a Hybrid solution for long term retention.

The ultimate in simplicity & all-flash value

Dell EMC Unity™ All-Flash Arrays set new standards for storage with compelling simplicity, modern design, flexible deployments and affordable prices – to meet the needs of resource-constrained IT professionals in large or small companies.

If you are looking for raw power and absolute simplicity in a small footprint, if you are cost-conscious and need the best from the best, then Dell EMC Unity All-Flash is for you. Designed and optimized for flash with all-inclusive software, it delivers consistent performance with low response times and is the perfect fit for your mixed applications, unified storage and Remote-Office-Branch-Office (ROBO) requirements.

Overview.

IT professionals are struggling with the ever-changing demands of their jobs – including storage management. They are experiencing data growth like never before and IT budgets are under extreme pressure. This is especially evident in the midmarket, where IT professionals are wearing many hats and becoming generalists - handling servers, networking, mobile devices, desktops, virtualization, and storage – so they are spread extremely thin. These days, IT generalists need storage that is simple and efficient to manage, yet provides flash performance their applications and users require.





Optimized for all flash performance and simplicity

Dell EMC Unity is setting the standard for storage simplicity and value. Engineered from the ground-up to meet market demands for all-flash, affordability and outrageous simplicity, Dell EMC Unity All-Flash includes four models; starting with the 350F, and scaling to the 450F, 550F and then the 650F, all optimized for performance. These AFA models feature more processor cores and more system memory than previous generations. Whether you are looking to start small or scale to hundreds of terabytes of usable capacity, these All-Flash systems have you covered. You can also easily scale performance and capacity across the product range with on-line, data-place controller upgrades.

Dell EMC Unity All-Flash is the only unified storage system that successfully meets the requirements of today's midmarket flash IT storage professionals; unified all-flash storage that is simple to manage.

Dell EMC Unity all-flash is simple

With simplified customer installation, intuitive HTML5 user interface, predictive cloud-enabled management and proactive assistance, Dell EMC Unity sets the standard for simplicity in the midrange storage market.

Optimized for flash

Dell EMC Unity starts in a sleek 2U form factor with a modern architecture designed for all-flash with support for inline compression, deduplication and zero detect, high density SSD's, including the 15.3TB 3D NAND TLC drive, and delivers consistent performance with low latency. A new high-density enclosure supports eighty flash drives in just

three rack units, for even greater space efficiency – up to 600TBe (effective) per RackU density.

All-inclusive software + more

All-inclusive, feature rich, array based software comes standard. Optional offerings include differentiated hardware and software deployment options, availability and mobility, protection and networking options. Dell EMC Unity All-Flash systems come standard with limited warranty, with enhanced and premium options available.

UNITY ALL-FLASH ALL-INCLUSIVE SOFTWARE		BASE SOFTWARE	ADDITIONAL OPTIONAL OFFERINGS	
Management Features	Unisphere/Central, CloudIQ, CTA, Data Reduction*, Multi-Tenancy, Dynamic Pools, ESA Adapter	✓	UNITY	Unity Hybrid UnityVSA
Unified Protocols	File, Block, VVOLS	✓	Availability & Mobility	VPLEX RecoverPoint PowerPath
Local Protection	Encryption, Anti-Virus, AppSync Basic, Snapshots/Thin Clones (iCDM)	✓	Protection Options	Data Domain NetWorker Data Protection Suite (DPS) AppSync
Remote Protection	Unified Remote Replication, RecoverPoint Basic	✓	Networking	Connectrix
Ecosystem Integration	VMware, Microsoft, OpenStack	✓		

*Data Reduction = Inline Compression + Deduplication for block and file



[Learn more](#) about Dell EMC Unity solutions



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