Storage Simplicity

IT professionals are struggling with the ever-changing demands of their job, including storage management. They are experiencing data growth like never before and IT budgets are under extreme pressure. This is especially evident in small and medium organisations where IT professionals are wearing many hats. They are required to handle servers, networking, mobile devices, desktops, virtualisation, and storage which as a result means they are spread extremely thin. These days, IT professionals need storage that is simple efficient to manage yet provides the performance their applications and users require.

Enterprise-class Capabilities, Mid-tier Economics

As experts in our field Constor Solutions recommend Dell EMC Unity XT™ All-Flash, which sets new standards for storage with compelling simplicity, modern design, flexible deployments and affordable prices. It has been engineered from the ground up to meet the needs of resource-constrained IT professionals in large or small companies.

Unity XT™starts in a sleek 2U form factor, with a bespoke modern architecture and high density SSDs, 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. Unity XT™ sets the standard for simplicity in the mid-range storage market. All-inclusive, feature rich, array-based software comes as standard.

BUILT-IN SOFTWARE FEATURES					
Cloud-based Storage Analytics	Thin Provisioning	Unified Management	Central Management	Dynamic Pools	Forever Snapshots & Clones
Get comprehensive array health scores	Get comprehensive array health scores	Manage file, block, VVOL objects	Manage multiple Unity systems	Experience faster rebuild times	Flexibly replicate snaps and integrate with iCDM
File & Block Remote Replication		Inline Compression & Deduplication		Software Defined Cloud Storage	Cloud Tiering & Archiving
Full unified capabilities including Metrosync Manager		Advanced data reduction features with increased efficiency		File/block features that run in premise or in an AWS cloud	File/block data movement to & from five S3 clouds
Anti-Virus Enabler	Data At Rest Encryption	QoS (Host IO Limits)		File Level Retention	Virtualisation Integration
Connect with popular anti-virus solutions	Protect business data across the array	Limit host IO or bandwidth to specified block resources		Protect files from modification or deletion	VMware, Microsoft, OpenStack

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 Unity XT™is the ideal storage solution for your business. With intuitive HTML5 user interface, predictive cloud-enabled management and proactive assistance: Unity sets the standard for simplicity in the mid-range storage market. All-inclusive, feature rich, array-based software comes as standard.

Analytics with Cloud IQ

Unity XT includes CloudIQ software, a web-based application that lets you easily monitor, analyse, and troubleshoot your storage environment from anywhere, to reduce risk, spot trouble and avoid problems in your storage environment, related to capacity, performance, data protection and more - it's like a fitness tracker for your storage.

CloudIQ makes daily storage management takes easy.

	CENTRAL MONITORING	PREDICTIVE ANALYTICS	HISTORICAL DATA	
	380F/380	**480F/480**	**680F/680**	**880F/880**
Min/Max Drives	6/500	6/750	6/1000	6/1500
Array Enclosure	A 2U Disk Processor Enclosure (DPE) with twenty five 2.5" drives			
Drive Enclosure (DAE - Disk Array Enclosure)	All models support 2U twenty five drive and 3U eighty drive trays for 2.5" drives			
Standby Power System	Dell EMC Unity XT systems are powered by 2 power supplies (PS) per DPE/DAE. Each power supply can provide power to the entire module if the peer PS has been removed or is faulted. DPE power during a power failure is provided by a Battery Back Up (BBU) module. BBU is located within the SP enclosure and provides power to a single module (power zone)			
RAID Options	1/0, 5, 6			
CPU per Array	2x Intel CPUs, 12 cores per Array, 1.7GHz	2x dual-socket Intel CPUs, 32 cores per Array, 1.8GHz	2 x dual-socket Intel CPUs, 48 cores per Array, 2.1GHz	2 x dual-socket Intel CPUs 64 cores per Array, 2.1GHz
System Memory/Cache per Array	128 GB	192 GB	384 GB	768 GB
Max FAST Cache per Array*	Up to 800 GBs	Up to 1.2 TBs	Up to 3.2 TBs	Up to 6.0TBs
Total Cache A	Up to 928 GBs	Up to 1.39 TBs	Up to 3.58 TBs	Up to 6.76 TBs
Max Mezzanine cards per Array B	NA	2	2	2
Max IO Modules per Array*	4	4	4	4
Embedded SAS IO Ports per Array	4 x 4 lane 12Gb/s SAS ports for BE (back end) Connection	4 x 4 lane 12Gb/s SAS ports for BE Connection	4 x 4 lane 12Gb/s SAS ports for BE Connection	4 x 4 lane 12Gb/s SAS ports for BE Connection

Contact Constor Solutions today and discover how Unity XT™ is an ideal choice for your organisation.

* Two IO Modules per Storage Processor (SP), mirrored.

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DELL Technologies
PLATINUM PARTNER

Dell EMC Service Delivery Partner of the Year 2018