

# UNITY™ UNIFIED STORAGE PLUS



## Unity™ is the first and only Hyper-Unified Storage

Hyper-Unified Storage starts - as other Unified Storage - with support for advanced block and file workloads and then adds the rich capabilities modern IT teams demand and their users require so they can access information anywhere they need it.

## Second Generation Unity

The new Unity systems offer up to 40% performance improvement over previous similar models, more flexible configurations, and cost reductions. New all-flash configurations are now available to meet the demands of customers' high performance applications, as well as hybrid configurations for the more cost conscious.

## Groundbreaking Integration

Nexsan Unity's fully integrated private cloud is intelligent, patented software that enhances our enterprise-class unified storage *plus* Enterprise File Sync & Share (EFSS), Mobile Access, Multi-site Sync, and a Secure Active Archive client in a simple to manage and cost-efficient system that is fully compliant with security protocols.

## UNIFIED STORAGE – FILE AND BLOCK

### Enterprise-class

Nexsan Unity supports Fibre Channel and iSCSI connectivity in addition to NAS protocols. HDD and SSD support can be tailored for the best mixed application deployment environment or all-flash configurations for high performance needs. The latest Intel® Xeon® Processor E5 v4 Family processors and increased memory allow for more IOPs, lower latency, and power to expand and deliver performance up to 40% over previous similarly configured systems. Additional ports, connectivity options, and the support of SMB 3.0 provides greater configuration flexibility. For organizations facing extreme data growth or needing greater application performance, Unity scales from 6TB up to nearly 5PB.

### Hybrid Configurations

Unity delivers on the performance you need in unified storage by blending solid-state memory including DRAM and SSD to optimize block and file operations into a fault-tolerant architecture. To make the most of your IT investment, Nexsan realigns the trade-off between performance, capacity, and costs with FASTier™ caching that accelerates I/O and provides high performance where it's needed.

### All-Flash Configurations

The Nexsan Unity all-flash, high performance arrays make it easy and affordable to meet the needs of critical business applications. All-flash configurations are supported on every Unity model with up to nine enclosures in the largest configurations so you can start small and scale as your requirements grow. With the advanced data reduction technologies, organizations can see an effective usable capacity of up to 3X the raw capacity. The configurations are optimized to get the most out of the flash SSDs while providing the performance to meet the most demanding applications.



## ENTERPRISE FILE SYNC & SHARE

### Mobile Access

Users can work anywhere and experience the ease of EFSS with mobile, web and desktop access without the security vulnerabilities of keeping confidential information in a public cloud. Data is safeguarded under the control of IT with no need for VPN, managed file transfer software, or monthly costs for public cloud services. Unity gives the best of both worlds, where human-centered EFSS applications adhere to the ACLs set on data. For the first time, IT professionals can employ their proven security model within apps that are a delight for their users.

### Enterprise n-Way (Multi-site) Sync

Synchronize files of any size to multiple branches or remote offices using encrypted transport over standard internet connections. WAN-optimization built in makes synchronizing large files fast. Local users enjoy higher availability and LAN speeds when working on projects - dramatically improving productivity.

## SECURE ARCHIVE

### Security and Compliance

Too often employees neglect corporate policies and use public cloud services or email to share sensitive or regulatory information, putting the company at risk. Nexsan Unity with the additional Unity Active Archive, addresses these critical needs with patented technology to provide secure, private, and compliant mobile access for users working remotely via their smartphones, tablets, desktops, or secure private web browser, without the need for a VPN. With Unity Active Archive you get tamper-proof storage to meet corporate and government regulatory requirements including HIPAA, SOX and SEC-17 as well as the additional protection you need from ransomware attacks.

# UNITY PRODUCT FAMILY

Category	Feature	UNITY2200 ENTRY LEVEL	UNITY4400 MID-RANGE	UNITY6900 HIGH-END
ENTERPRISE FEATURES	Private Cloud	All data is stored, managed and synchronized in a private, on-premises cloud environment for security, privacy and compliancy. ACL and Active Directory based access permissions.		
	Authentication	Active Directory, LDAP, and Local		
	Access	iOS and Android Apps Windows, Mac, and Secure, Private Web Access		
	Protocols	SAN Protocols (Fibre Channel, iSCSI), NAS Protocols (NFS, CIFS, SMB 3.0, FTP)		
SYSTEM CONFIGURATION	Controllers	2		
	System Memory (DRAM)	128GB	192GB	384GB
	Write Cache Capacity	400GB SSDs	8GB NVDIMM	16GB NVDIMM
	FASTier Read Cache Capacity	3.84TB	35TB	100TB
	FASTier Read Cache	800GB   1.92TB	800GB   1.92TB   3.84TB	
DRIVES AVAILABLE	7.2K RPM SAS HDDs (TB)	2   4   6   8   10 TB		
	10K RPM SAS HDDs	600GB   900GB   1.2TB   1.8TB		
	SAS SSDs	800GB   1.92TB   3.84TB   7.68TB		



## ABOUT NEXSAN



Nexsan is a global leader in storage, back up and data management solutions that are focused on seamlessly and securely enabling a connected workforce. Its broad solution portfolio empowers enterprises to securely store, protect and manage valuable business data – allowing users to sync, share and access files from any device, anywhere, anytime. [www.nexsan.com](http://www.nexsan.com)