N=XSAN

UNITY
UNIFIED
STORAGE
PLUS

UNITY

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.

Groundbreaking Integration

Nexsan Unity's fully integrated private cloud is intelligent, patented software that enhances our enterprise-class unified storage with Sync & Share, Mobile Access, Multi-site Sync, and Secure Archive 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 and SAN protocols. HDD and SSD support can be tailored for the best mixed application deployment environment. For organizations facing extreme data growth or needing greater application performance, Unity scales from 13TB up to 5PB.

Performance

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 FASTierTM caching that accelerates I/O and provides high performance where it's needed at a cost far less than all flash arrays.

ENTERPRISE FILE SYNC & SHARE

Mobile Access

Users can work anywhere and experience the ease of sync and share 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.

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.

ARCHIVE

Secure Archive

Optimize your primary storage, achieve regulatory and corporate compliance, and ensure your files are secure for a lifetime by adding the Unity Archive. Security features comply with corporate and governmental regulatory requirements including HIPAA, SOX and SEC-17.

Security and Compliance

Too often employees neglect the corporate policies and use public cloud services or email to share sensitive or regulatory information, putting the company at risk. Nexsan Unity 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 Archive you get tamper-proof storage to meet corporate and government regulatory requirements as well as the additional protection you need from ransomware attacks.

UNITY PRODUCT FAMILY

Category	Feature	UNITY 2000 ENTRY LEVEL	UNITY 4000 MID-RANGE	UNITY 6000 HIGH-END
ENTERPRISE FEATURES	Enterprise n-Way Synchronization	Designated NAS datasets are synchronized with volumes in one or many other local or remote sites.		
	Mobile, Web & Desktop Apps	Give remote access to users without the need for VPN so they can work anywhere and be more productive.		
	Private Cloud	All data is stored, managed and synchronized in a private, on-premises cloud environment for security, privacy and compliancy.		
	Authentication	Active Directory, LDAP, and Local		
	Access	iOS and Android Apps Windows, Mac, and Secure, Private Web Access		
	Protocols	FC, iSCSI, NFS, CIFS/SMB, FTP		
SYSTEM CONFIGURATION	Controllers	2		
	System Memory (DRAM)	96 GB		192 | 384 GB
	Write Cache Capacity	200 GB SSDs	16 GB NVDIMM	32GB Battery backed DRAM
	FASTier Read Cache Capacity	1600 GB | 1.6 TB	3.2 TB	9.2 TB
	FASTier Read Cache	400GB | 800GB	400GB	200GB | 400GB | 800GB
STORAGE ARRAYS	Controller Form Factor	2U		6U
	7.2K RPM SAS HDD's (TB)	2/4/6 TB	2/4/6/8 TB	
	10k RPM SAS HDDs	600 GB | 900 GB | 1.2 TB	600 GB | 900 GB | 1.2 TB | 1.8 TB	
	Maximum RAW Capacity	168TB	2.1PB	5PB
HOST CONNECTIVITY	Fiber Channel Max Number of Ports/System	4		16
	10GbE Max Number of Ports/System	8		12
	1GbE Max Number of Ports/System	16		
	Client Support	Linux, OS X, Windows, ESXi, Hyper-V, XenServer		

Microsoft

vmware READY

CITRIX ready

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