

Nexsan The Edge Specifications

The Edge Storage Services and Management	
Operating System	Windows Unified Data Storage Server (Standard Edition)
Single Management Interface	NEM (Nexsan Edge Management)
Network File Services	NFS v2 and v3 CIFS/SMB
iSCSI Block Services	Included
iSCSI Initiators supported (See Note 1)	MS, Vmware, Linux, NW, Solaris
MS MPIO	Included
File Size (max)	84TB
Total Number of Volumes	2000
Maximum Number of Dynamic Volumes	1000
Maximum Number of Basic Volumes	1000
Storage Quotas	Share / Directory / Group / User
Storage Protocol	FC 4Gb DAS / SAN
Snapshots - iSCSI /NAS	512 per logical volume, up to 64 logical volumes
Index Based Search	Included
DFS Replication (See Note 2)	File level replication for NFS and CIFS
User Authentication	Microsoft® Windows Server™ 2003 Active Directory® directory service, Kerberos, Windows NT Domains, NTLM, and Apple User Account Management (AUM), NIS.
Ready to archive to Assureon CAS Archive	Yes
Network Management	SNMP v1 and v2c MIBs

The Edge Hardware	
Form Factor	1U
Processor	Single Quad Core
LAN Connectivity / Management Interface	Qty. 2 Ethernet 1Gbit Ports
Storage Connectivity (See Note 3)	Qty. 1 or 2 Fibre Channel 4Gbit/sec ports
ECC Cache Memory	4GB
Internal Disk Storage	Qty. 2 80GB SATA Drives Configured in a Mirror

Storage Options	
Supported Nexsan Storage Systems	SATABeast, SASBeast, SASBoy and SATABoy
Interface to The Edge	4GB Fibre Channel
Nexsan AutoMAID Technology	Included
Online Capacity Expansion	Included
Nexsan Enterprise Class RAID Controllers	Single Standard - Dual Optional
Battery Protected Cache per Controller	512MB/1GB/2GB depending on selected Nexsan storage system
4GB FC and 1GB iSCSI	2 FC and 2 iSCSI Ports per Controller
Hardware RAID 6	Included
Supported RAID Levels	0, 1, 1+0, 4, 5, 6
Total LUNs	254 per Controller
Redundant Power Supplies	2 Redundant Power Supplies Included

SAN Support	
SAN FC Switches	Brocade, Cisco, McData, Qlogic

THE EDGE

Power Specifications	
<i>Nexsan The Edge with Single Power Supply</i>	
Power Supply	Single 345W PSU - Switchable 110/240 Auto switching / Auto ranging
<i>Nexsan The Edge with Dual Redundant Power Supplies</i>	
Power Supply	Dual 400W PSU - Switchable 110/240 Auto switching / Auto ranging

Dimensions	
<i>Nexsan The Edge with Single Power Supply</i>	
Height	Height: 1U - 1.68" (4.27 cm)
Width	Width: 17.60" (44.70 cm)
Depth	Depth: 21.50" (54.61 cm)
Weight	Weight: ~ 26.0 lbs. (11.80kg)
<i>Nexsan The Edge with Dual Redundant Power Supplies</i>	
Height	Height: 1U - 1.68" (4.27 cm)
Width	Width: 17.60" (44.70 cm)
Depth	Depth: 26.0" (66.04 cm)
Weight	Weight: ~ 29.66 lbs. (13.45kg)

Environment	
Operating Temperature	10° to 35°C (50° to 95°F)
Operating Relative Humidity	20% to 80% (noncondensing) with a maximum humidity gradation of 10% per hour
Non-Operating Temperature	-40° to 65°C (-40° to 149°F)

Standard Support	
Standard support	Requires 1 year service and support

Regulatory Approvals	
Safety	EN60950-1, First Edition: Standard for Information Technology Equipment - Safety-Part 1: General Requirements, IEC 60950-1, First Edition (2001), UL/CSA 60950-1, First Edition: Standard for Information Technology Equipment - Safety-Part 1: General Requirements, EK1-ITB 2000:2003 : Ergonomics, ISO 9241 : VDT Ergonomic Requirements, ISO 13406-2 : Ergonomic requirements for work with visual displays based on flat panels, ISO 7779 : Sound Pressure at Operator Position (Acoustics), MsanPiN 001-96: Interstate Sanitary rules and norms (Acoustics)
Emissions	FCC Part 15 Class A, EN61000-3-2, A1, A2: Current Harmonics , EN61000-3-3: Voltage Flicker, EN55022: 1998 and CISPR 22: 1997 Class A, VCCI Class 1, MIC Class A, BSMI, EN55024: 1998 and CISPR 24: 1997, IEC 61000-4-2: Electrostatic Discharge specification, IEC 61000-4-3: Radiated Immunity, IEC 61000-4-4: EFT/Bursts Immunity, IEC 61000-4-5: Surge Immunity, IEC 61000-4-6: Conducted Immunity 0.15-80MHz, IEC 61000-4-8: Power Frequency H-Field, IEC 61000-4-11: Voltage Dips/Interruptions/Variations

Note 1- Please contact Nexsan for the latest list of supported initiators

Note 2- Requires DFS server - not included

Note 3- The Edge is available with 1 or 2 FC ports
(more ports can be added if required)



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