

## NEXSAN E-SERIES™ STORAGE SYSTEMS SPECIFICATION SHEET



SPEC SHEET

SPECIFICATIONS	E18	E18X	E60	E60X
Storage Density	18 drives in 2U	18 drives in 2U	60 drives in 4U	60 drives in 4U
# of Active Drawers	2	2	3	3
Expand with Nexsan 60X™	Y	N/A	Y	N/A
Maximum # of Drives without E60X	18	N/A	60	N/A
Maximum # of Drives w/E60X	78	N/A	120	60
Mix and Match SSD, SAS, SATA drives	Y			
SSD Drives	100 / 200 / 400 GB			
SAS 15K RPM Drives	450 / 600 GB			
SATA 7200 RPM Drives	1 / 2 / 3 TB			
Maximum LUN Size	72TB			
LUNs per RAID Disk Set	254			
Volumes and LUNs	254			
RAID Levels	0, 1, 1+0, 4, 5, 6			
Mounting Rails Included	Y			
All Software Included	Y			
Battery-backed Cache per Controller	2GB	N/A	4GB	N/A
Dedicated RAID6 Hardware	Y	N/A	Y	N/A
Two RAID Engines per Controller	Y	N/A	Y	N/A
Dual Active/Active Controllers	Y	N/A	Y	N/A
Simultaneous Fibre Channel and iSCSI	Y	N/A	Y	N/A
10Gb iSCSI Ports per Controller (optional)	2	N/A	2	N/A
6Gb SASx4 Ports per Controller (optional)	2	N/A	2	N/A
8Gb Fibre Channel Ports per Controller	2	N/A	2	N/A
1Gb iSCSI Ports per Controller	2	N/A	2	N/A
10/100Gb Ethernet Management Ports per Controller	1	N/A	1	N/A
Optional Dual Port 6Gb SASx4 replaces PCIe Fibre Channel I/O card	Y	N/A	Y	N/A



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Optional Dual Port 24Gb SASx4 replaces PCIe Fibre Channel I/O card	Y	N/A	Y	N/A
LUN Security via CHAP	Y	N/A	Y	N/A
Vmware, Xen, Hyper-V, & Windows Compatible	Y	N/A	Y	N/A
E60X SAS Expansion Chassis Supported	1	N/A	1	N/A
6Gb SASx4 (24Gb) Ports for Inter-chassis Connectivity	4	4	4	4
Stress test individual drives	Y			
Stress test system with drives before shipping	Y			
Anti-vibration Design	Y			
Cool Drive Techonology™	Y			
Active Drawer Technology™	Y			
Recommended Rack	Standard (1070mm / 42.13")		Deep (1200mm / 47.24")	
Dimensions - Width	16.93 inches / 43.00 cm			
Dimensions - Width with mounting flanges	19.00 inches / 48.26 cm			
Dimensions – Height	3.9 inches / 8.81 cm (2U)		7 inches / 17.78 cm. (4U)	
Dimensions – Depth	31.5 inches / 80.0 cm		37.40 inches / 95.00 cm	
Dimensions - Depth with required front bezels			40.39 inches / 102.60 cm	
Dimensions - Depth with required front bezels and rear handles	34.5 inches / 87.6 cm		42.72 inches / 108.50 cm	
Maximum Installed Weight w/mounting rails, all drives and controllers	101 lbs / 45.7 Kg	91 lbs / 41.3 Kg	225 lbs / 102Kg	212 lbs / 96 Kg
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	2@1200 Watt 115-230V		2@1600 Watt 220-240V	
Operating Temperature Range	5°C to 30°C (41°F to 86°F)		5°C to 35°C (41°F to 95°F)	
Operating Humidity Range	20% to 80% non-condensing			
Operating Altitude	0 to 2,133m (0 to 7,000ft)			
Non-operational Altitude	0 to 12,192m (0 to 40,000ft)			

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