

# NEXSAN E-SERIES™ STORAGE SYSTEMS SPECIFI- CATION SHEET



SPECIFICATIONS	E18	E18X	E48	E48X	E60	E60X
Storage Density	18 drives in 2U	18 drives in 2U	48 drives in 4U	48 drives in 4U	60 drives in 4U	60 drives in 4U
# of Active Drawers	2	2	3	3	3	3
Expand with	E18X	N/A	E48X	N/A	E60X	N/A
Maximum # of Drives in chassis	18	N/A	48	N/A	60	N/A
Maximum # of Drives w/one expansion unit	36	N/A	96	N/A	120	N/A
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 / 4 TB					
Maximum LUN Size	72TB					
LUNs per RAID Disk Set	254					
Maximum Volumes per System	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	4GB	4GB	N/A
AutoMAID® Power Management	Y	Y	Y	Y	Y	Y
Two RAID6 Engines per Controller	Y	N/A	Y	N/A	Y	N/A
Dual Active/Active Controllers	Y	N/A	Y	N/A	Y	N/A
Simultaneous Fibre Channel and iSCSI	Y	N/A	Y	N/A	Y	N/A
10Gb iSCSI Ports per Controller (optional)	2	N/A	2 or 4	N/A	2 or 4	N/A
24Gb SASx4 Ports per Controller (optional)	2	N/A	2 or 4	N/A	2 or 4	N/A
8Gb Fibre Channel Ports per Controller (optional)	2	N/A	2 or 4	N/A	2 or 4	N/A
1Gb iSCSI Channel Ports per Controller	2 or 4	N/A	2 or 4	N/A	2 or 4	N/A
10/100MbE Management Port	1	N/A	1	N/A	1	N/A

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LUN Security via CHAP	Y	N/A	Y	N/A	Y	N/A
Vmware, Xen, Hyper-V, & Windows Compatible	Y	N/A	Y	N/A	Y	N/A
SAS Expansion Chassis Supported	E18X	N/A	E48X	N/A	E60X	N/A
24Gb SASx4 back-end ports per storage system (with dual controllers)	4	N/A	8	N/A	8	N/A
24Gb SASx4 ports for connecting to E-Series storage system	N/A	4	N/A	4	N/A	4
Stress test individual drives	Y					
Test all drives in the system that will ship	Y					
Anti-vibration Design	Y					
Cool Drive Techonology™	Y					
Active Drawer Technology™	Y					
Standard 1000 mm Rack Recommended	Y				N (not if rear doors are used)	
1200 mm Rack Recommended	N				Y	
Dimensions – Height	3.9 inches / 8.81 cm (2U)		6.93 inches/ 17.6 cm. (<4U)		7 inches / 17.78 cm. (4U)	
Dimensions – Depth	31.5 inches / 80.0 cm		32.87 inches // 83.5 cm		37.40 inches / 95.00 cm	
Dimensions - Depth with required front bezels			34.92 inches // 88.7 cm		40.39 inches / 102.60 cm	
Dimensions - Depth with required front bezels and rear handles	34.5 inches / 87.6 cm		35.92 inches / 91.3 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	191 lbs / 86.45Kg		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 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)					