

# E-SERIES V STORAGE SYSTEMS SPECIFICATION SHEET



SPECIFICATIONS	E18V	E32V	E48VT	E60VT
Disk bays / Rack U	18 / 2U	32* / 2U	48 / 4U	60 / 4U
Number of Active Drawers	2	2	3	3
Expansion Unit	E18XV	E32XV	E48XV	E60XV
Maximum Drives with Expansion	54	96	144	180
Maximum Capacity (chassis/total)	108TB / 324TB	38.4TB/115.2TB	288TB / 864TB	360TB / 1.08PB
Mix 7.2K, 10K, 15K and SSD	Y			
SSD (GB)	200 / 400 / 800			
3.5" 15K Drives (GB)	450/600	-	450/600	
2.5" 10K Drives (GB)	600 / 900 / 1200			
3.5" 7.2K Drives (TB)	1 / 2 / 3 / 4 / 6	-	1 / 2 / 3 / 4 / 6	
2.5" 15K SED Drives** (GB)	600			
2.5" 10K SED Drives** (GB)	1200			
3.5" 7.2K SED Drives** (TB)	2 / 4 / 6			
3.5" 7.2K SED FIPS Drives*** (TB)	6			
Max LUNs per System	254			
Max Volumes per System	254			
RAID Levels	0, 1, 1+0, 4, 5, 6			
Mounting Rails Included	Y			
Max Cache per Controller	4GB		16GB	
AutoMAID® Power Management	Y			
Multiple RAID Engines per Controller	Y			
Dual Active/Active Controllers	Y			
Simultaneous Fibre Channel and iSCSI	Y			
1Gb iSCSI Ports per Controller	2 or 4			
10Gb iSCSI Ports per Controller (optional)	2			
8Gb FC Ports per Controller (optional)	2			
16Gb FC Ports per Controller (optional)	2			
6Gb/s SAS (x4) Ports per Controller (optional)	2			
10/100 MbE Management Port	1			
LUN Security via CHAP	Y			
VMware, Xen, Hyper-V & Windows Compatible	Y			

\* 2.5" only (all others support 2.5" or 3.5")

\*\* Encryption at rest utilizing SED's requires specific E-Series SED configuration

\*\*\* FIPS 140-2, Level 2 Certified SED option available with E-Series SED configuration

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Stress test individual drives			Y	
Test all drives in the system that will ship			Y	
Array-based Snapshots and Replication			Y	
Anti-vibration design			Y	
Cool Drive Technology™			Y	
Active Drawer Technology™			Y	
Encryption at rest option			Y	
FIPS Certified SEd encryption at rest option			Y	
Standard 1000 mm Rack Recommended		Y		N (not if rear doors are used)
1200 mm Rack Recommended		N		Y
Dimensions - Width	19 in / 482.6 mm			
Dimensions - Height	3.47 in / 88.1 mm		6.93 in / 176 mm	
Dimensions - Depth	31.5 in / 800 mm		33.46 in / 850 mm	37.99 in / 965 mm
Dimensions - Depth with required front bezels	32.82 in / 834 mm		35.63 in / 905 mm	40.16 in / 1020 mm
Dimensions - Depth with required front bezels and rear handles	33.27 in / 845 mm		36.06 in / 916 mm	40.59 in / 1031 mm
Maximum Installed Weight w/mounting rails, all drives and controllers	108.2 lbs / 49.1 Kg	90.2 lbs / 40.9 Kg	201.1 lbs / 91.2 Kg	235.5 lbs / 106.8 Kg
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	2 x 1200 W	2 x 1200 W	2 x 1600 W	2 x 1600 W
	100-240 V	100-240 V	100-240 V	200-240 V
Peak Power Consumption (@240V)	604 Watts / 2.66 A	474 Watts / 2.13 A	1509 Watts / 6.79 A	1797 Watts / 7.83 A
Idle Mode Power (AutoMAID® Level 4)	184 Watts / .92 A	186 Watts / .95 A	236 Watts / 1.14 A	239 Watts / 1.19 A
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)			

## 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)

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