NEXSAN

E-SERIES P
SPECIFICATION SHEET

Category	Feature	E-SERIES 18P	E-SERIES 48P	E-SERIES 60P
ENTERPRISE FEATURES	Active Drawer Technology™	Drives remain active when drawer is open for easy hot-swappable drive management.		
	Cool Drive Technology™	Optimizes air flow and component cooling to increase reliability.		
	Anti-Vibration Design	Reduces rotational vibration to improve system performance and reliability.		
	AutoMAID® Power Management	Configurable power savings of up to 87% reduces operating expenses and extends the overall life of the system.		
	Self-Encrypting Drives (SED) (optional)	AES-256 Drives for data at rest protection.		
	FIPS Self-Encrypting Drives (optional)	FIPS 140-2 level 2 certified SED drives to meet regulatory compliance.		
	Array-based Snapshots and Replication	Snapshot and replication are embedded into E-Series for application-consistent snapshots and asynchronous replication to support demanding data protection requirements.		
	VMware, Xen, Hyper-V & Windows Compatible	Compatibility with the leading virtualization tools.		
	Industry-leading High Speed Host Interface Flexibility	With 12 high speed host interface ports of 16Gb FC and 10GbE iSCSI, you can reduce the need for expensive network switches. The ports are customer-configurable between 8Gb FC, 16 Gb FC, and 10GbE at any time.		
	High-Speed Replication via 10GbE iSCSI	Enables nearly 10x faster data replication while maintaining full host performance via 16Gb FC or 10GbE.		
	Stress Testing to Improve Reliability	Individual drives are stress tested and then, prior to shipment, all drives are again tested within the system.		
STORAGE ENCLOSURES	Disk bays | Rack U	18 | 2U	48 | 4U	60 | 4U
	Number of Active Drawers	2	3	
	Expansion Unit	E18X	E48X	E60X
	Maximum Drives with Expansion	54	144	180
	Maximum Raw Capacity (chassis | total)	216TB | 648TB	576TB | 1.72PB	720TB | 2.16PB
	Max Reads (MB/s)	2800	7500	
	Max Writes (MB/s)	2300	5400	
	Maximum IOPS	86,000	150,000	
	Mix 7.2K, 10K, 15K and SSD	Y		