

NEXSAN E5000™ STORAGE SYSTEMS SPECIFICATION SHEET



SPEC SHEET

CATEGORY	FEATURE	NEXSAN E5110	NEXSAN E5310
Storage Capacities	Minimum capacity	8TB	9TB
	Maximum capacity	62TB	720TB
	Maximum number of drives in chassis	15	0
	Maximum number of drives w/ expansion chassis	31	240
	Minimum Number of drives	8	9
	Rack space required for 60 drives (U)	N/A	7
	Density (drives per U with no expansion chassis)	5	13
	SATA or NL-SAS 7200RPM drives (TB)	1 / 2	1 / 2 / 3
	SAS 15K RPM drives (GB)	450 / 600	450 / 600
	SSD drives (GB)	N/A	100/200/400
	Mix drive types in chassis	NO	YES
Storage Controller	Base / maximum controllers per system	1 / 2	2 / 2
	Base / maximum number of CPU cores per controller	4 / 4	4 / 8
	Base / maximum system memory per controller	8 / 8	12 / 48
	FASTier™ dedicated high speed write cache SSD per system	0	8GB
	Base / Maximum FASTier™ cache size (using raw capacity 100GB SSD)	0 / 100GB	0 / 1.5TB
	RAID Levels	5, 6, 10	5, 6, 10
I/O Ports	Base / maximum 1Gb Ethernet ports per controller	2 / 6	2 / 6
	Base / maximum 10Gb Ethernet ports per controller	0 / 2	0 / 2
	Dedicated/Available Ethernet management ports per controller	0 / 2	0 / 2
	Link aggregation (IEEE 802.3ad)	YES	YES
	Base / max # of SASx4 ports (24Gb each) for drive expansion per controller	1	0
	Base / max # of 8Gb Fibre Channel ports for drive expansion per controller	0	2 / 4
High Availability	Dual Redundant storage controllers with automatic failover	Opt.	YES
	No single point-of-failure architecture	Opt.	YES
Rails & Cables	Mounting Rails and SAS / FC Cables Included	YES	YES



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NAS Services Capacities	Number of NAS heads in cluster base/maximum	1 / 2	2 / 2
	Maximum file size (TB)	16	16
	Maximum number of CIFS shares per controller	512	512
	Maximum number of NFS shares per controller	512	512
	Maximum file name length (bytes)	255	255
	Maximum number of snapshots per share	2048	2048
	Management software included at no additional cost	YES	YES
Power & Cooling	Standard number of power supplies	2	2
	Power supplies are hot-swappable	Y	Y
	Wattage per Controller	400	420
	Voltage and Frequency	100-240V 50-60Hz	100-240V 50-60Hz
	E5000 Main Chassis Heat Dissipation (BTU per hour)	2750	2900
	Typical power consumption for 60 drives	N/A	1275
	AutoMAID® power savings	N	Y
Size, Weight and Operating Conditions	Operating Temperature	10-35C	10-35C
	Operating Humidity	20-95% Non Condensing	20-95% Non Condensing
	E5000 Main Chassis Height – inches (U of Rack Space)	5.2 (3U)	5.2 (3U)
	E5000 Main Chassis Width – inches	17.2	17.2
	E5000 Main Chassis Depth – inches	24.2	24.2
	E5000 Main Chassis Weight – pounds	84	68