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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)	144TB / 432TB	57.6TB / 172.8TB	384TB / 1.15PB	480TB / 1.44PB
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 / 1800			
2.5" 15K Drives (GB)		600		
3.5" 7.2K Drives (TB)	1 / 2 / 3 / 4 / 6 / 8	-	1 / 2 / 3 / 4 / 6 / 8	
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			
SAS Expansion Chassis Supported	2			
6Gb SASx4 backend ports per system (w/dual controllers)	4		8	

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

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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			
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 IMATION

Imation is a global data storage and information security company. Imation's Nexsan portfolio features solid-state optimized unified hybrid storage systems, secure automated archive solutions and high-density enterprise storage arrays. Nexsan solutions deliver high performance for mission-critical IT applications such as virtualization, cloud, databases, and collaboration; and energy efficient, high-density storage for backup and archiving. For more information, visit www.imation.com/nexsan.

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