



SAN Product Line Comparison

AegisSAN LX



AegisSAN Q500



AegisSAN V100



	High performance enterprise-class storage systems designed for HPC, Media, and Virtualization environments.	High reliability storage systems optimized for throughput and designed for SMB.	Lowest TCO storage systems designed for Surveillance, Backup, and IT Applications.
Hardware			
Controller	Dual active controllers (D) Single upgradable controller (S)	Dual active controllers (D) Single upgradable controller (S)	Single controller (C)
Processor	Intel Xeon dual core	Intel dual core	Intel dual core
Memory per Controller	2U12/3U16/4U24: 4GB upgradable to 16GB 4U60: 8GB upgradable to 16GB	4GB upgradable to 8GB	4GB upgradable to 8GB
Host Channels per Controller	1Gb iSCSI x2 + 1 x management port Optional: + 10Gb BaseT iSCSI x2 + 10Gb SFP+ iSCSI x2 + 1Gb iSCSI x 4 + 16Gb FC x2 + 8Gb FC x4	1Gb iSCSI x2 + 1 x management port Optional: + 10Gb BaseT iSCSI x2 + 10Gb SFP+ iSCSI x2 + 1Gb iSCSI x 4 + 16Gb FC x2 + 8Gb FC x4	1Gb iSCSI x6 + 1 x management port Optional: + 10Gb SFP+ iSCSI x2 + 16Gb FC x2
Form Factor	2U12 3U16 4U24 4U60	2U12 3U16 4U24	3U16 4U24
Maximum Drives Supported	256	256	192
High Availability	Fully redundant and hot-swappable hardware modules Cache mirroring	Fully redundant and hot-swappable hardware modules Cache mirroring	
Offload Engine	OSOE 2.0 : QSAN Storage Offload Engine	OSOE 2.0 : QSAN Storage Offload Engine	OSOE 2.0 : QSAN Storage Offload Engine
Memory Protection	Battery backup module	3U16/4U24: Battery backup module 2U12: Copy to flash module	
Supported Drives	3.5 inch or 2.5 inch 6G SAS, SATA and SSD MUX boards for SATA drives	3.5 inch or 2.5 inch 6G SAS, SATA and SSD MUX boards for SATA drives	3.5 inch or 2.5 inch 6G SAS, SATA and SSD
Expansion System	J300Q	J300Q	J100
LCD Module	Built-in	USB LCD Module* * <i>Optional</i>	
Features			
RAID Levels	0, 1, 0+1, 3, 5, 6, 10, 30, 50, and 60 Global and dedicated spares	0, 1, 0+1, 3, 5, 6, 10, 30, 50, and 60 Global and dedicated spares	0, 1, 0+1, 3, 5, 6, 10, 30, 50, and 60 Global and dedicated spares
Data Protections	Snapshot Volume cloning Remote replication	Snapshot Volume cloning Remote replication	Snapshot Volume cloning Remote replication
RAID Group and Volume Management	Thin provisioning SSD caching* Online migration and expansion Copy (Move) migration Seamless roaming * <i>Optional</i>	Thin provisioning SSD caching* Online migration and expansion Copy (Move) migration Seamless roaming * <i>Optional</i>	Thin provisioning SSD caching* Online migration and expansion Copy (Move) migration Seamless roaming * <i>Optional</i>
Hard Drive Management	Fast rebuild Automatic disk spindown Disk health check Parity check Batch disk firmware upgrade	Fast rebuild Automatic disk spindown Disk health check Parity check Batch disk firmware upgrade	Fast rebuild Automatic disk spindown Disk health check Parity check Batch disk firmware upgrade
Easy Management	Quick installation and wizard Automatic firmware synchronization System configuration restoration Volume configuration restoration	Quick installation and wizard Automatic firmware synchronization System configuration restoration Volume configuration restoration	Quick installation and wizard System configuration restoration Volume configuration restoration
Multipath, Failover, and Load-balancing	MPIO MC/S Trunking I ACP	MPIO MC/S Trunking I ACP	MPIO MC/S Trunking I ACP
Virtualization	VMware, VAAI, Citrix, Hyper-V	VMware, VAAI, Citrix, Hyper-V	VMware, VAAI, Citrix, Hyper-V
Operating Systems	Windows, Linux, Solaris, Mac * <i>Please check the latest compatibility list.</i>	Windows, Linux, Solaris, Mac * <i>Please check the latest compatibility list.</i>	Windows, Linux, Solaris, Mac * <i>Please check the latest compatibility list.</i>
Notifications	Email, SNMP trap, browser pop-up windows, Syslog, and Windows messenger	Email, SNMP trap, browser pop-up windows, Syslog, and Windows messenger	Email, SNMP trap, browser pop-up windows, Syslog, and Windows messenger
Management	Web UI (HTTP, HTTPS), API, console, secure telnet, LCD, central management software	Web UI (HTTP, HTTPS), API, console, secure telnet, LCD, central management software	Web UI (HTTP, HTTPS), API, console, secure telnet, LCD, central management software
Maximum Hosts Supported	256	256	128
Volume per System	4096	2048	2048
LUNs per system	4096	2048	2048
Snapshots per Volume	64	64	64
Snapshot Volume per System	64	32	16
Enclosure			
Power Supplies	80+ Gold, redundant, and hot-swappable 2U12: 1+1 550W 3U16: 1+1 550W 4U24: 2+1 550W 4U60: 2+1 700W	80+ Gold, redundant, and hot-swappable 2U12: 1+1 400W 3U16: 1+1 550W 4U24: 2+1 550W	80+ Gold, redundant, and hot-swappable 3U16: 1+1 550W 4U24: 2+1 550W
Environment	Operating temperature 0 to 40°C Relative humidity 5% to 95% non-condensing	Operating temperature 0 to 40°C Relative humidity 5% to 95% non-condensing	Operating temperature 0 to 40°C Relative humidity 5% to 95% non-condensing
Regulatory	CE, FCC, BSMI, UL, cUL	CE, FCC, BSMI, UL, cUL	CE, FCC, BSMI, UL, cUL
Warranty	System: 3 years BBM: 1 year	System: 3 years BBM: 1 year C2F: 3 years	System: 3 years
Dimensions (H x W x D)	2U12: 88.0 x 446.0 x 499.5mm 3U16: 130.0 x 446.0 x 499.5mm 4U24: 176.0 x 446.0 x 499.5mm 4U60: 177.0 x 482.5 x 923.0mm	2U12: 88.0 x 446.0 x 499.5mm 3U16: 130.0 x 446.0 x 499.5mm 4U24: 176.0 x 446.0 x 499.5mm	3U16: 130.0 x 446.0 x 549.7mm 4U24: 176.0 x 446.0 x 549.7mm