NEXSAN

NEXSAN BEAST ELITE

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BEAST
ELITE
RELIABILITY WITH ENHANCED PERFORMANCE

INDUSTRY-LEADING BEAST RELIABILITY WITH ENHANCED PERFORMANCE

The BEAST Elite storage platform has been architected for the most demanding storage environments and is built to provide ultra-reliable, high performance storage that seamlessly fits into existing storage environments. BEAST Elite provides an all-in enterprise storage software feature set with encryption, snapshots, robust connectivity, and support for asynchronous replication.

The BEAST Elite storage platform is a complete refresh of the BEAST platform that increases throughput and IOPs by 25% while maintaining the architecture's price/performance leadership. Connectivity has been tripled, providing twelve high speed Fibre Channel or iSCSI host ports, reducing the need for network switches.

STORAGE MADE EASY

The BEAST Elite storage platform is easy to set up and manage streamlining processes for administrators. BEAST Elite is highly reliable and was built to withstand some pretty tough storage environments such as ships, subway stations and storage closets that have less than ideal temperatures and vibration.

BEAST ELITE HIGH CAPACITY IN TIGHT SPOTS

The BEAST Elite is architected to support 16TB HDDs which expand the capacity to over 960TB in 4U and 2.88PB in 12U, all within a standard rack configuration.

BEAST Elite will include support of the new E-Flex Architecture which allows users to select any mix of the three expansion systems: E18X, E48X and BT60X. This gives organizations the flexibility to size the systems exactly as required within the rack space available.

IDEAL APPLICATIONS FOR BEAST ELITE

BEAST Elite fits the bill for diverse capacity and performance-based applications like media & entertainment, surveillance, government, healthcare, financial, and backup.

BEAST ELITE SPECIFICATIONS

Category	Feature	BEAST Elite
ENTERPRISE FEATURES	High Availability	Dual, redundant hot-swappable components with battery-backed mirrored cache.
	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.
	Array-based Snapshots and Replication	Snapshot and replication are embedded into BEAST Elite for application-consistent snapshots and asynchronous replication to support demanding data protection requirements.
	Key Third Party Integrations	Windows, VMware, Veeam, Commvault, Hyper-V and Xen
	E-Flex Architecture	Enables the selection of up to 2 expansion systems or a mix thereof: E18X	E48X	BT60X
	Performance	up to 150,000 IOPs
	Accelerated RAID	Delivers a significantly improved random write performance at a lower price than pure SSD-based arrays.
STORAGE ENCLOSURES	Disk bays / Rack U	60	4U
	Expansion Unit	E18X	E48X	BT60X
	Maximum Drives with Expansion	180
	Maximum Raw Capacity (chassis/total)	960TB	2.88PB
	Cache per Controller	36GB
STORAGE MEDIA	3.5" 7.2K Drives (TB)	4	6	8	10	12	14	16 - SED/SED FIPS Available
	2.5" SSD 3DWPD (GB)	800	1600	3200 - SED/SED FIPS Available
	2.5" SSD 1DWPD (GB)	960	1920	3840	7680	15360 - SED/SED FIPS Available
HOST CONNECTIVITY	Simultaneous Fibre Channel and iSCSI	Y
	1Gb iSCSI Ports per Controller	4
	10Gb iSCSI Ports per Controller (optional)	4 to 6*
	16Gb FC Ports per Controller (optional)	4 to 6*
	10/100/1000 MbE Management Ports	2

*2 extra ports per controller of either FC or 10GbE can be ordered, independent of the interface choice for the standard 4 ports.

ABOUT NEXSAN

Nexsan® is a global enterprise storage leader since 1999 delivering the most reliable, cost-effective and highly efficient storage solutions. Nexsan's solution portfolio empowers enterprises to securely store, protect and manage valuable business data with a broad product line of all-flash NVMe, unified storage, block storage, and secure archiving. Nexsan is a proud member of the StorCentric Family. www.nexsan.com.