NEXSAN
BEAST
SPECIFICATION
SHEET

BEAST IS YOUR DATACENTER WORKHORSE

We Fit in Tight Spots
Get back your rack when space is tight with 60 drives in 4U of a standard rack. That's 1.8PB in a fully-scaled 12U configuration.

Stress-Free Storage
A proven track record of enterprise reliability is thanks to extensive stress testing of both drives and systems prior to shipping. Additional enterprise features keep your data highly available.

Save Energy, Save Cash
Reduce power consumption up to 87%. Nexsan AutoMAID® makes it easy to go green without sacrificing performance.

Run Where Others Don't
Built to withstand tough storage environments outside the data center like ships, subway stations, and storage closets with less than ideal temperatures and vibration.

Do More for Less
BEAST's cost-effective storage platform is ideal for enormous data growth applications like backup, archive, digital video surveillance, and more.

SPECIFICATIONS	BEAST
ENTERPRISE FEATURES	
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 up to 87% reducing operating expenses and extending the overall life of the system.
Array-based Snapshots and Replication	Snapshot and replication are embedded into BEAST for application-consistent snapshots and asynchronous replication to support demanding data protection requirements.
Hyper-V, Windows, VMware & Xen Compatible	Compatibility with the leading virtualization tools.
Stress Testing to Improve Reliability	All disk drives are individually stress tested and are then tested again in the system in which they are sold
STORAGE ENCLOSURES & DRIVES	
3.5" 7.2K SATA Drives (TB)	2 | 4 | 6 | 8 | 10
Disk bays / Rack U	60 | 4U
Expansion Unit	BSTX
Maximum Drives with Expansion	180
Maximum Raw Capacity (chassis/total)	600TB | 1.8PB
Max Cache per Controller	16GB
Max Reads (MB/s)	3134
Max Writes (MB/s)	2132
Maximum IOPS	148,023

NEXSAN

Keep storage simple.

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 unified storage, block storage, and secure archiving. www.nexsan.com.

SPECIFICATIONS	BEAST
SYSTEM STORAGE SERVICES	
Max LUNs per System	254
Max Volumes per System	254
Max Snapshot Copies per Volume	4096
LUN Security via CHAP	Y
RAID Levels	0, 1, 1+0, 4, 5, 6
Multiple RAID Engines per Controller	Y
HOST CONNECTIVITY	
Simultaneous Fibre Channel and iSCSI	Y
1Gb iSCSI Ports per Controller	2 or 4
10Gb iSCSI Ports per Controller (optional)	2
8Gb or 16Gb FC Ports per Controller (optional)	2
10/100 MbE Management Port	1
SIZE & WEIGHT	
Standard 1000 mm Rack Recommended	Y
Dimensions - Width	19 in | 482.6 mm
Dimensions - Height	6.93 in | 176 mm
Dimensions - Depth	34.02 in | 864 mm
Dimensions - Depth with Required Front Bezels and Rear Handles	36.08 in | 916.5 mm
Maximum Installed Weight with Mounting Rails, all Drives and Controllers	205.5 lbs | 93.4 Kg
Mounting Rails Included	Y
POWER, COOLING & ENVIRONMENTAL	
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	100V - 240 VAC
Peak Power Consumption (@240V)	1578 Watts
Idle Mode Power (AutoMAID® Level 4)	213 Watts
Operating Temperature Range	5° C to 30o C (41o to 86° F)
Operating Humidity Range	20% to 80% Non-Condensing
Operating Altitude	ASHRAE Class A2 - 3,050m maximum altitude, de-rated at 1C/300m above 950m