

# 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 1.44PB 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 BT60
<b>ENTERPISE FEATURES</b>	
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
<b>STORAGE ENCLOSURES &amp; DRIVES</b>	
3.5" 7.2K SATA Drives (TB)	2   4   6   8
Disk bays / Rack U	60   4U
Expansion Unit	BT60X
Maximum Drives with Expansion	180
Maximum Raw Capacity (chassis/total)	480TB   1.44PB
Max Cache per Controller	16GB
Max Reads (MB/s)	3134
Max Writes (MB/s)	2132
Maximum IOPS	148023

Keep storage simple.



## ABOUT NEXSAN

Nexsan™ is a global leader in unified storage solutions that are focused on seamlessly and securely enabling a connected workforce. Its broad solution portfolio empowers enterprises to securely manage, protect and utilize valuable business data – while allowing users to sync, share and access files from any device, anywhere, anytime. [www.nexsan.com](http://www.nexsan.com).

SPECIFICATIONS	BEAST
<b>SYSTEM STORAGE SERVICES</b>	
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
Mounting Rails Included	Y
Multiple RAID Engines per Controller	Y
<b>HOST CONNECTIVITY</b>	
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
10/100 MbE Management Port	1
<b>SIZE &amp; WEIGHT</b>	
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
<b>POWER, COOLING &amp; ENVIRONMENTAL</b>	
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	110V   240 V
Peak Power Consumption (@240V)	1578 Watts
Idle Mode Power (AutoMAID® Level 4)	213 Watts
Operating Temperature Range	5o C to 30o C (41o to 86o 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