

# NEXSAN BEAST P

## BEAST PERFORMANCE SERIES 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 3.6PB 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 P's cost-effective storage platform is ideal for enormous data growth applications like backup, archive, digital video surveillance, and more.

SPECIFICATIONS	BEAST
<b>ENTERPRISE 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 P for application-consistent snapshots and asynchronous replication to support demanding data protection requirements.
Hyper-V, Windows, VMware & Xen Compatible	Compatible 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 SAS Drives (TB)	8   10   12   14   16   18   20
Disk bays / Rack U	60   4U
Expansion Unit	BT60X
Maximum Drives with Expansion	180
Maximum Raw Capacity (chassis/total)	1.2PB   3.6PB
Max Cache per Controller	16GB
Max Reads (MB/s)	6100
Max Writes (MB/s)	3900
Maximum IOPS	120,000

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 all-flash NVMe, unified, high-density block, and immutable storage.

[www.nexsan.com](http://www.nexsan.com)



SPECIFICATIONS	BEAST P
<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
Multiple RAID Engines per Controller	Y
<b>HOST CONNECTIVITY</b>	
Simultaneous Fibre Channel and iSCSI	Y
1Gb iSCSI Ports per Controller	4
Optionally 10GbE iSCSI Ports per Controller OR 8/16Gb FC Ports per Controller	2
10/100/1000 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
Mounting Rails Included	Y
<b>POWER, COOLING &amp; ENVIRONMENTAL</b>	
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 35° (41°F to 95°F)
Operating Humidity Range	20% to 80% Non-Condensing
Operating Altitude	ASHRAE Class A2, 10°C to 35°C (50°F to 95°F), maximum elevation 3050m, de-rated at 1°C/300m above 900m