

NEXSAN BEAST™ DATACENTER WORKHORSE DATA SHEET

Keep Storage Simple



PRACTICAL, ACCESSIBLE, HARD-WORKING STORAGE

The Nexsan BEAST is a practical, accessible and hard-working storage platform that enables organizations to lower their storage costs while maintaining maximum uptime with the highly reliable system.

The Nexsan BEAST storage array offers an enterprise level solution that has been optimized for capacity with the raw capacity of 4.8PB in a full rack. The BEAST will allow your organization to stay ahead of the enormous data growth in areas such as backup, archive, digital video surveillance and more.

DENSITY & CAPACITY

Nexsan BEAST is designed for 3.5" SATA drives in a dense space, so there's no extended rack needed. The BEAST is optimized for performance and longevity by eliminating the rotational vibration of the drives and continuing the legacy of the (Nexsan) SATABeast. BEAST systems consume less than one-third of the power in one-third of the rack space of typical arrays, with up to 480TB of capacity in just one 4U and up to a total of 1.44PB in a fully-scaled 12U configuration.

RELIABLE

BEAST systems are fully redundant with hot swappable components such as controllers, hard-disk drives, power supplies, and fans giving you a storage platform you can count on. The Nexsan BEAST exceeds the most stringent reliability demands, leveraging an innovative mechanical design including Cool Drive Technology and anti-vibration design that significantly reduce head and vibration in the unit while improving system reliability and performance. The reliability of BEAST is qualified through extensive stress-testing before shipment. Array-based snaps and asynchronous replication extend BEAST's data protection capabilities. All of this reliability increases uptime, saves valuable IT resources time and ultimately lowers the overall total cost of ownership.

BUDGET ACCESSIBLE

We understand your IT budget is not increasing at the same rate your storage requirements are growing. The BEAST is a perfectly practical storage to meet your growing business needs. Nexsan BEAST is optimized for dense capacity providing you a lower cost per terabyte and the lowest overall TCO so you don't have to compromise on quality when your budget is tight.

ENERGY EFFICIENT

With all that capacity and industry leading density, you can save cash and the planet at the same time. Conserve energy without sacrificing performance when you need it. Users of BEAST systems can engage Nexsan AutoMAID disk management capabilities to reduce power consumption by up to 85 percent, reducing operation expenses and extending the overall life of the system.

HIGHLIGHTS

- **Reliability** - featuring anti-vibration design and Cool Drive Technology
- **Availability** - using redundant hot swappable active components
- **Density** - up to 60 drives in 4U
- **Energy efficient** - delivering up to 85% reduction in power while lowering your cooling needs through the use of AutoMaid
- **Easy to manage** - remotely managing one or many systems within a single, intuitive GUI
- Optimized for sequential streaming applications

SIMPLY SENSIBLE

You get everything you need, nothing you don't. From the rail kit installation, to the easy-to-setup and integrated GUI management system, Nexsan BEAST is just that simple. With 8Gb FC and 1GbE iSCSI and up to two 60 bay expansion units, nothing else does more for less. The Nexsan BEAST is ideal for backup, standard archive and continuous data streaming bulk storage applications.

STORAGE	
System Form Factor	4U / 60 drives
Maximum Drives	180
Raw Storage Max	up to 1.44PB in 12U
3.5" 7.2K Drives (TB)	2 / 4 / 6 / 8
RAID Levels	0, 1, 1+0, 4, 5, and 6
Dual Active/Active Controllers	Y
Standard 1000 mm Rack	Y
SIZE & WEIGHT	
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	36.08 in / 916.5 mm
Dimensions - Depth with required front bezels and rear handles	38.96 in / 916.5 mm
Maximum Installed Weight w/mounting rails, all drives and controllers	205.5 lbs / 93.4 Kg
ENVIRONMENTAL	
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	200- 240V
Operating Temperature Range	5°C to 30°C (41°F to 86°F)
Operating Humidity Range	20% to 80% non-condensing
Operating Altitude	0 to 2,133 m (0 to 7,000 ft) 0 to 12,192 m (0 to 40,000 ft)

ABOUT NEXSAN

Nexsan is a global leader in storage, back up and data management solutions that are focused on seamlessly and securely enabling a connected workforce. Its broad solution portfolio empowers enterprises to securely store, protect and manage valuable business data – allowing users to sync, share and access files from any device, anywhere, anytime. www.nexsan.com