

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 |

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.

| 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 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 30° 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 |