

# UNLEASH THE POWER OF THE BEAST

## ABOUT ATABEAST

Unleash the power of the ATABeast™ disk vault from Nexsan Technologies. Built upon Nexsan's groundbreaking EnterpriseATA™ technology, the ATABeast delivers industry-leading features including dual RAID controllers. With unparalleled density and security at a TCO less than tape, the ATABeast maximizes the return on your storage hardware investment.

## UNLEASH THE BEAST

### For All Your Storage Requirements Including:

**Near-Line Storage.** You no longer need to store important data on slow and inaccessible media such as tape or optical. Now that data can be protected in a full featured disk array.

**D2D - Disk to Disk Backup.** Online access to data means superior business continuity. The ATABeast provides the speed, redundancy and availability to deliver superior disk-based backup with greater density and less cost than tape libraries.

**Secondary Storage.** The enterprise class features and performance of the ATABeast enable large file repositories for thousands of users to be stored on a single system. The high IOPS performance of the ATABeast makes it perfect in any data center.

**Fixed Content Archive.** The unmatched capacity of the ATABeast easily handles the largest files. Massive video and audio archives can be stored and instantly accessed for play-on-demand applications.



## HIGHLIGHTS

- Enterprise Class Deep Vault Storage Array built around the latest ATA high-capacity disk drives.
- OS independent. No special software drivers or server-based management applications required.
- Online ATABeast delivers access to data up to 100 times faster than tape libraries.
- Every component is redundant with individual components online hot swappable
- WorldView™ - Provides ability to manage and configure multiple units from a single GUI
- Highest density per square inch
- High IOPS performance -- all 42 drives can be active simultaneously
- Accumulative Rotational Vibration (ARV) design enables maximum performance.
- Perfect for OEM applications

## KEY BENEFITS

Utilizing Nexsan's EnterpriseATA™ technology, all individual ATABeast components are fully redundant and hot swappable. This advanced design provides increased ROI by eliminating the need to replace an entire multi-drive blade should a single drive fail.

The ATABeast ensures dependable hot-swapping of drives by combining a custom unitized ATA connector specially designed for drive-plugging operations and an electronic soft-start capability that further enhances reliability.

Dual controllers using Nexsan's award winning EnterpriseATA™ design provide excellent performance with 42 spindles that can be segmented into multiple RAID sets or a single large storage pool.

ATABeast has full cache coherency design to ensure data integrity even with power loss.

### **ATABeast is the ideal platform for deep archiving and disk- based backup**

- Timed online replication system w/ multi-version control where your files reside and are accessed in native file format
- Provides immediate file access eliminating "Fire Drill" restores

The ATABeast's NexScan management interface is built into the ATABeast controller, alleviating the need to have a separate server or application manage the storage array. This sophisticated management utility monitors and reports the status of all subsystems over a 10/100-network port. Included in NexScan are Tele-Guard™, Nexsan's phone-home feature for user notification of errors or prediction of error, and WorldView, our multi-box management feature.

Auto-rescan initiates automatic system scans for real-time "Correct Status" reporting for all RAID arrays.

LUN Mapping allows users to easily configure the massive disk capacity for dozens of servers or one. Maximize your investment.

## TECHNICAL SPECIFICATIONS

- Up to 42 ATA drives in 4U high box (27" deep). Easily fits a standard 19" rack.
- Single or Dual RAID controllers
- Dual 2Gb Fibre Channel SFP LC host ports per controller
- Auto-negotiating host speed
- Supports RAID 0, 1, 1+0, 4 and 5
- Supports multiple RAID sets and multiple partitions per set
- Features LUN security on Fibre Channel version
- Horizontal midplane design promotes superior airflow and alleviates insertion stress points
- Fully scalable with internal capacity expansion
- Embedded web-browsable GUI over 10/100 port, supports email alerts and SNMP traps
- RS232 Management port
- Hot pluggable drives, controllers, and power supplies
- Supports up to 32 LUNS per controller
- Three n+1 450 watt power supplies with tachometer-monitored blowers to provide maximum power and cooling.



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Specifications subject to change

**TAPE LIBRARIES HAVE JUST JOINED  
THE ENDANGERED SPECIES LIST**

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