

# UNLEASH THE POWER OF THE BEAST

## ABOUT ATABEAST

Unleash the power of the ATABeast™ disk vault from Nexsan Technologies, the first true online disk-based tape library replacement. Built upon Nexsan's groundbreaking EnterpriseATA™ technology, the ATABeast delivers industry-leading features including dual active/active ATA RAID controllers with failover/failback. 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

**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.

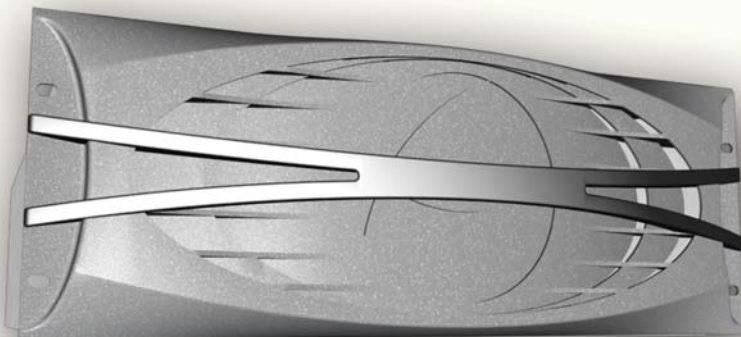
**D2D - Disk to Disk Backup.** Online access to data means superior business continuity. The ATABeast provides the speed, redundancy and availability to deliver superior disk-based backup with greater density and less cost than tape libraries.

**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 rating of the ATABeast makes it perfect in any data center.

**Video or Audio 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-speed disk drives.
- OS independent. No special software drivers or server-based management applications to support the ATABeast.
- 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
- Ideal for high capacity applications -- D2D, Digital Video, CCTV, online archives
- Highest density per square inch-- 10.5 drives per U, 3.4 TB per U (using 320GB drives)
- LUN Masking
- High IOPS performance -- all 42 drives can be active simultaneously
- Anti-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.

With rack space an expensive premium and storage demands climbing by 50% per year, the ATABeast's unique top load design achieves maximum density in a very compact footprint.

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 Active/Active 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 feature.

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

LUN Masking and Mapping allows users to easily configure the 13TB of disk capacity for dozens of servers or one. Maximize your investment. Add drives on the fly to your array.

Virtualize ATABeast with the Nexsan Technologies Veriture-iP or Veriture-VSM products and never run out of disk space again.

## TECHNICAL SPECIFICATIONS

- Up to 42 ATA drives in 4U high box (750mm deep). Easily fits standard 19" rack.
- Single or Dual RAID controllers
- Dual 2-gigabit Fibre Channel host ports SPF LC or dual Ultra160SCSI VHDCI host ports per controller
- Auto-negotiating host speed
- Auto-termination U160
- Supports RAID 0, 4, and 5
- Supports multiple RAID sets and multiple partitions per set
- Supports LUN security on Fibre Channel version
- Horizontal midplane design promotes superior airflow and alleviates insertion stress points
- Fully scalable with internal capacity expansion - 10.5TB using 250GB drives, 13.4TB using 320GB drives
- Up to 135 TB in one data center rack
- Embedded web-browsable GUI over 10/100 port, supports email alerts and SNMP traps
- RS232 Management port if network access is not available
- Hot pluggable drives, controllers, and power supplies
- 16 LUNS supported
- Three n+1 450 watt power supplies with tachometer-monitored blowers to provide maximum power and cooling.



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# ATABEAST