

SATABEAST[®] Xi STORAGE FOR APPLE XSERVE AND MAC PRO SYSTEMS

SATABeast Xi is the first, high density, energy efficient storage solution built for the Xserve and Mac Pro markets delivering 42 drives and dual RAID controllers in only 4U of rack space.

ABOUT SATABEAST XI

SATABeast Xi complements Xserve and Mac Pro environments in physical look and feel including a GUI that is visually compatible with Leopard. While optimized for Apple environments, SATABeast Xi can be used as a storage solution in mixed environments with equal ease. SATABeast Xi is flexible, scalable and completely OS independent to easily support a broad range of computing infrastructures.

Based on the proven technology of Nexsan's award-winning SATABeast[®], the SATABeast Xi provides the Apple market with a high density, plug and play solution that is complementary to Xserve's existing storage options. SATABeast Xi delivers high end performance at the same exceptional price point as current SATABeast solutions including the energy efficiency features and software licenses to allow SATABeast Xi to operate out of the box without expensive add-ons.

UNPRECEDENTED ENERGY SAVINGS

Nexsan delivers high performance, high capacity RAID storage system with the energy saving benefits of AutoMAID[®] (Massive Array of Idle Disks) technology. AutoMAID allows SATABeast Xi to place its disk drives in an idle state to conserve energy yet provide near-instantaneous access to data. AutoMAID is granular to the individual drive level and enables users to determine the level of energy savings desired. This breaks new ground in the Xserve market where no other energy efficient storage solution of this caliber exists.

UNLEASH THE BEAST

For all your storage requirements including:

Primary Storage. SATABeast Xi is designed for primary storage of large data set applications like uncompressed, real-time HDTV as well as multi-stream and analog TV signals and high quality video editing with no frame drops. SATABeast Xi excels in cluster computing and enterprise environments where reliability and performance are an absolute. With blazing wire-speed read/write throughput and high IOPS performance, the SATABeast Xi is a perfect choice for compute-intensive applications.

Secondary Storage and Disk-to-Disk (D2D) Backup. SATABeast Xi is ideal for addressing secondary storage applications and disk-to-disk backup in which online access to data delivers superior business continuity and data protection as well as instant access to large volumes of data.



HIGHLIGHTS

- Enterprise class storage array built around the latest high-capacity SATA disk drives
- Energy and cost savings through AutoMAID® technology
- Highest density per rack inch – 10.5 drives per 1 rack unit
- OS independent. No drivers required
- Fully redundant and hot-swappable active components (controllers, fans, power supplies)
- Every component is redundant with individual components online hot swappable
- Storage tools make it easy to manage and configure multiple units from a single GUI
- Anti-Accumulative Rotational Vibration design enables maximum drive reliability
- Added support for SSD drives
- Horizontal midplane design promotes superior airflow
- Multi-path IO with no single point of failure design

TECHNICAL SPECIFICATIONS

- Up to 42 SATA drives in 4U
- Single or dual active/active RAID controllers
- Fibre Channel and iSCSI host connectivity
- 2GB battery-backed cache per controller
- Supports RAID 0, 1, 1+0, 4, 5, and 6
- Supports multiple RAID sets and multiple volumes per set: up to 254 LUNS
- Features LUN security
- Fully scalable with internal capacity expansion
- Embedded web-browser GUI; supports email alerts and SNMP traps. Also includes RS-232 management port

HIGH PERFORMANCE ACROSS BOTH FIBRE CHANNEL AND ISCSI

The SATABeast Xi has active/active RAID controllers each delivering dual function Fibre Channel and iSCSI connectivity at wire speed performance. SATABeast Xi has Fibre Channel interface ports for connecting directly to your Xserve or Mac Pro systems, and is optimized to be compatible with Apple's Xsan storage network software. With fully featured LUN mapping and LUN masking, the SATABeast Xi can be shared with apple and non-Apple servers, and allows users to easily configure the massive disk capacity for dozens of servers or one.

ENTERPRISE-CLASS RELIABILITY AND MANAGEMENT

SATABeast Xi offers a richer set of features with redundant controllers, mirrored cache, RAID 6. All individual SATABeast Xi components are fully redundant and hot swappable.

SATABeast Xi's advanced mechanical design provides superior cooling for optimal thermal operation, and reduced drive vibration for improved drive reliability. SATABeast Xi has a full cache coherency design to ensure data integrity even with power loss.

SATABeast Xi's NexScan® management interface is built into the controller, alleviating the need to have a separate server or application manage the storage array. Included are Tele-Guard®, a phone-home feature for user notification. Additional management software is also available to allow multiple Nexsan systems to be managed through a single interface.