

ATABoy2x



HIGH PERFORMANCE RAID STORAGE BY  **nexsan**
TECHNOLOGIES

ATABoy2x extends Nexsan's award-winning ATABoy™ product line to meet the needs of the most demanding high performance environments. ATABoy2x delivers blazing throughput speeds along with unsurpassed features and functionality in a low profile, correct cost expandable package.

Nexsan designed the ATABoy2x for maximum flexibility and scalability. All of the critical components in the ATABoy2x, including the RAID controllers and host connections, are user-pluggable. This architecture results in reliable, fully redundant data protection while empowering users to maximize the return on their Nexsan hardware investment.

BEST IN CLASS PERFORMANCE

Designed to meet the challenges of high performance computing environments, ATABoy2x delivers unparalleled availability and performance in an ATA RAID device. With sustained throughput speeds of up to 340 MB/s per controller, ATABoy2x provides blazing performance across all standard platforms and operating systems. Dual 2Gb fibre channel connectors (per controller) enable easy and flexible implementation into a wide range of environments. ATABoy2x's unique combination of high performance and enormous capacity provides exceptional value that enhances all digital storage applications, such as live on-line data, rich media, digital film, uncompressed HD, broadcast/VOD and other mission critical applications.



HIGH PERFORMANCE RAID STORAGE BY



KEY BENEFITS

Nexsan's award-winning EnterpriseATA™ RAID delivers failsafe 24/7 operation for uninterrupted business continuity. The ATAboy2x ensures dependable hot swapping of high capacity drives with the flexibility to support even higher capacities with Nexsan's proprietary ATAengine™ with soft-reconfigurable FPGAs. This advanced architecture allows single or multiple drives to be designated as hot spares and also allows field updates of the ATA interface design and remote firmware updates, which are supported using FTP.

WORLD CLASS RELIABILITY

Nexsan's unbeatable fault tolerance results from eliminating all potential single points of failure. The advanced hardware design of the ATAboy2x is supported by Nexsan's Extreme Intelligence software, NexScan™, with sophisticated centralized management and monitoring. Tele-Guard™, Nexsan's phone home manager, provides monitoring and reporting of all system conditions. The ATAboy2x's built-in NexScan management is platform independent with an intuitive design that simplifies installation and enables remote management and configuration of multiple arrays from a single GUI.

TECHNICAL SPECIFICATIONS

Host Interface / Connectivity - 1Gb and 2Gb Fibre

Controllers - Single Controller / Upgradeable to Dual Active-Active Failover / Cache Coherency

Drive Bay Size -14 Bay / 3U

Cache - 512MB (Expandable to 2GB)

Battery Back-up -Yes

RAID Levels - 0, 1, 1+0, 4, 5

Sustained Data Rates - Up to 340 MB/sec per controller

Luns Supported - 32 / 64

Power - 2 PSU - 350W / 286VA

Cooling - Redundant Blowers

HIGHLIGHTS

High performance EnterpriseATA™ RAID built around the latest high-capacity disk drives.

All mission critical components, including RAID controllers, are hot swappable and completely redundant.

OS independent - No special software drivers required to connect to any host system.

Built on the proven ATAboy2 firmware code set, ATAboy2x provides a full upgrade path for existing ATAboy2 customers

NexScan™, our platform independent Web enabled GUI, provides simple system configuration, event and component monitoring from any standard web browser.

Multi-box capable - NexScan enables remote management and configuration of multiple arrays from a single GUI.

High performance / High-density - ATAboy2x features 14 drives and up to 5.6TB in only 3u of rack space.

Three Year Warranty - Advance Exchange, 24X7 Technical Support

CONFIGURATION AND MANAGEMENT

NexScan™ is our embedded web-enabled Graphical User Interface (GUI). The platform independence of the ATAboy series allows you to access your system from any standard Internet browser or from any host computer either directly connected or via a LAN or WAN with no software or patches required. You have the option of accessing the ATAboy via the RS-232 serial port or interface to an ANSI terminal or emulator.

Real-time event, hardware and thermal monitoring dynamically presented.

Performance statistics monitoring; event logging, rebuild and verify utilities.

SAF-TE and SMART environmental monitoring support.

Nexsan Technologies

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