

SATABOY[®] **HIGH** **PERFOR-** **MANCE** **SATA** **STORAGE**

Nexsan has once again raised the bar with the high performance SATABoy storage array.

ABOUT SATABOY

SATABoy provides organizations with exceptional performance and unparalleled storage flexibility in a compact package to meet real world business objectives. The highly scalable SATABoy features FC and iSCSI connectivity to enable cost-effective storage of large amounts of information online, while its high speed performance ensures faster response times for mission critical applications. SATABoy is equally capable of delivering high IOPS for transactional applications and sustaining maximum MB/s throughput for high bandwidth applications such as streaming media.

ENERGY SAVING BENEFITS

SATABoy offers the energy saving benefits of Nexsan's revolutionary AutoMAID[®] technology. AutoMAID (Massive Array of Idle Disks) allows SATABoy to place its disk drives into an idle state to conserve energy yet provide near-instantaneous access to data. SATABoy's unique combination of high performance with energy saving capabilities enables users to maximize the total return on their storage hardware investment.

BEST IN CLASS PERFORMANCE

SATABoy incorporates advanced features such as dual RAID engines, a high performance cache mirroring ASIC, and active/active failover to deliver uncompromising availability and reliability, feature rich functionality, and high performance across all standard platforms and operating systems. Dual fibre channel and iSCSI connectors on each controller enable easy and flexible implementation into a wide range of environments. SATABoy's high performance and enormous capacity provides exceptional value that enhances all digital information storage applications, such as live on-line data, streaming media, tiered storage, broadcast/VOD and other business critical applications.



HIGHLIGHTS

- High performance RAID solution using the latest high-capacity SATA drives: added support for SSD drives
- High availability - all mission critical components, including RAID controllers, are hot swappable and fully redundant
- OS independent. No drivers required
- Storage tools make it easy to manage and configure multiple units from a single GUI
- Multi-path IO with no single point of failure design

TECHNICAL SPECIFICATIONS

- 14 drives in 3U
- Dual Fibre ports and dual iSCSI ports per controller
- Single or dual controller Active-Active Failover / Cache Coherency
- Up to 2GB battery-backed cache per controller
- RAID Levels: 0, 1, 1+0, 4, 5 and 6
- Supports multiple RAID sets; up to 254 LUNS
- Embedded web-browser GUI; supports email alerts and SNMP traps. Also includes RS-232 management port
- All system settings are stored in non-volatile flash memory in case of accidental power loss

SIMPLE TO USE

The advanced hardware design of SATABoy is supported by Nexsan's simple yet sophisticated extreme intelligence software, NexScan®, providing intuitive centralized management and monitoring. SATABoy's integrated NexScan management tool is platform independent with an intuitive design that ensures complete control over configuration and optimization of your storage environment.

CONFIGURATION AND MANAGEMENT

NexScan is our embedded web-enabled Graphical User Interface (GUI). The platform independence of the SATABoy 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.

- Real-time event, hardware and thermal monitoring dynamically presented
- Performance statistics monitoring; event logging, rebuild and verify utilities