san solutions

ArtiSAN 5400 Storage Platforms

Key Features

- Enterprise class, highly available storage system that meets broadcast and post production performance requirements
- Support for Mac OS X, Linux, and Windows OS
- Support for direct attached, NAS, and SAN topologies
- Support for Xsan and StorNext file systems
- Dual active storage controllers with 8Gb Fibre Channel, SAS 6Gb, or 1Gb iSCSI interface options
- Fully Redundant hot-swappable storage controllers, disk drives, power supplies, and cooling fans
- High performance and capacity scalability
- Expandable to 96 SAS 6Gb drives in 3.5" and energy efficient 2.5" models
- Support for open enterprise management standard protocols
- Intuitive and robust GUI management application and CLI

Key Benefits

- Optimized storage arrays for stringent media application requirements
- High performance with high scalability for your today and future needs
- Dual active RAID architecture and hot-swappable SKUs allow for highly robust 24/7 operation
- Latest technology for highly energy efficient infrastructure
- Complete service offering for a successful implementation

High Capacity

SAN Solutions high capacity ArtiSAN 5400 Series of storage arrays introduce the powerful combination of entry-level pricing and new levels of performance and availability. Today's evolving media file-based workflow environment presents a unique challenge for Broadcast IT professionals. Application requirements including performance, scalability and ease of management are unique in the rich media space. SAN Solutions ArtiSAN storage arrays are a new class of storage product creating great value and return on investment for our customers.

The latest 8Gb Fibre Channel, 6Gb SAS and 1Gb iSCSI interface technology combined with 6Gb SAS backplane performance along with superb RAID technology improves performance, flexibility, scalability and low power consumption while maintaining simplicity and affordability. The ArtiSAN storage platform maintains high reliability and data availability with redundant components, automated path failover and extensive online administration capabilities in order to keep your data and your organization productive 24x7.

The ArtiSAN storage platform supports RAID levels 0, 1, 3, 5, 6 and 10 and features redundant, hot-swappable dual active controllers, disk drives, power supplies, and cooling fans. Additional features include, automatic drive failover and detection and rebuild using global hot spare drives as well as 2GB of mirrored data cache per RAID controller with battery backup and destage to flash upon power loss.
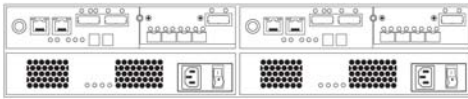
SAN Solutions storage management software is easy to use and capable of full control of all aspects of storage configuration, monitoring and notification. The ArtiSAN storage platform integrates seamlessly into the SAN Solutions management offerings that provide overall topology views and root cause analysis of system-wide issues. SNMP, SMI-S and Email alert services are included in the ArtiSAN storage platform for easy integration into other enterprise-wide open storage management systems.
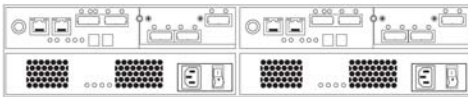
Technology Information

The **ArtiSAN 5400** series is designed with high capacity in mind and contains our standard RAID controller. Point in time volume images, remote volume mirroring and replication services are optional features in this product line. These services are essential for an effective disaster recovery storage implementation.
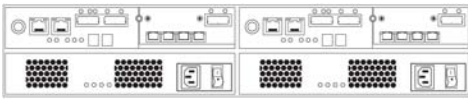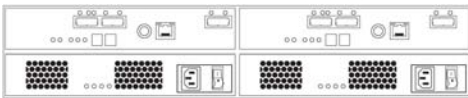
Specifications

5XXX-F Fibre Channel Controller

5XXX-S SAS Controller

5XXX-I iSCSI Controller

SAS Expansion Chassis

RAID Controllers	Dual Active RAID Controllers
FC Host Interface	5XXX-F, Four 8Gb FC and Two 6Gb SAS Connections per Controller (up to 2 per Array)
	5XXX-S, Four 6Gb SAS Connections per Controller (up to 2 per Array)
	5XXX-I, Four 1Gb iSCSI and Two 6 Gb SAS Connections per Controller (up to 2 per Array)
Backplane	SAS 6Gb
Expansion Interface	SAS 6Gb (4 lanes)
Maximum Array Size	96 drives SAS 6Gb
Enterprise Class Drives	6Gb/s SAS 15K rpm (3.5-in.) 450GB, 600GB 6Gb/s SAS SLC SSD (3.5-in.) 150GB, 300GB 6Gb/s SAS 7.2K rpm (3.5-in) 1TB, 2TB 6Gb/s SAS 10K rpm (2.5-in) 300GB, 600GB
Supported RAID Levels	0, 1, 3, 5, 6,10
RAID Protection Features	Automatic Drive failure detection with rebuild using global hot spares (copy back option)
Hot Swappable Components	Storage Controllers, Disk Drives, Power Supplies and Cooling Fans
Additional Reliability Features	Battery Back-up Cache with De-stage to Flash Error Reporting: SNMP, SMI-S and Email Alerts Redundant Ethernet management ports or In-band SAS management for expansion chassis
RAID Controller Cache	2Gb (mirrored)
Software	Full system management (GUI and CLI)
Voltage	100-240VAC 50-60Hz
Input Current	5A @ 115VAC 2.5A @ 230VAC
Operating Temperature	10°C to 40°C
Non-Operating Temperature	-10°C to 50°C
Storage Temperature	-40°C to 60°C
Approvals	CE, UL, ROHS, WEEE, ETSI