



Affordable Fibre Channel Host RAID Subsystems

WhiteStor FC Series RAID is the most affordable FC- SATA RAID System available today. FC Series are designed for use in budget constraint applications. This fully featured subsystem is the result of Storageflex's two (2) decades of data storage experience. Each feature, both form and function, relate to multiple short and long term benefits.

- Multi Host Connectivity – Unix, Intel & MAC Platforms
- 2 x 2Gbit FC Host Interface per raid controller
- Single or Dual Hot Swappable RAID Controllers
- Hot Swap SATA2 Disks
- Scalable Capacity up to 18TB
- Clustering Ready for Server Failover
- Online RAID Expansion
- Redundant Hot Swap Power Supplies
- Redundant Hot Swap Cooling Fans
- LCD panel for power, activity and fault indications*
- Remote Management with TCP-IP/SNMP/VT100
- Operating System Independent
- Rack Mountable into standard 19" Wide Rack



Highest Density today. 18TB in 4U! All disks can safely be removed from the front without moving the chassis! Safe to be rack mounted anywhere in the rack cabinet. Choice of 16 or 24 Hot Swap SATA2 Drive Bays

Completely Fault Tolerant!

WhiteStor FC Series comes in two sizes: 16 or 24 Hot Swappable SATA2 Drive Bays. Each Redundant Hot Swappable Power Supplies and Fans in 3U 16 Bay or 4U 24 Bays! Both models provide Dual 2Gbit FC Host Interface per raid controller for direct attach or via a switch to support up to 512 servers.

Highest Density today!

WhiteStor FC Series packs up to 24 Hot Swappable SATA2 Drive Bays in as little as 4U of rack mount space. Designed for front removal of disk drives without the need to slide the unit forward at all. WhiteStor FC Series can be safely rack mounted in even the very top portion of the rack cabinet.

FC Series Specifications

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| Operating Systems: | Multiple Simultaneous Operating Systems Support including Windows 2000, Windows 2003, Netware 3.x/4.x/5.0/6.0, OS/2, SCO Unix, Linux (Redhat, Debian, Caldera, Turbo), BSD Unix, MAC, Sun Solaris, HP/UX, AIX, SGI IRIX and Tru64 Digital Unix. Supports all Fibre Channel hosts that adheres to the ANSI T11 Fibre Channel Specifications in Point-Point, Loop and Full Fabric Mode. |
| RAID Controllers: | Single or Redundant Hot Swappable 2Gbit FC Channels RAID Controllers |
| RAID Controller Memory: | 512MB – 2GB ECC (Error Correction Code) Cache for Read and Write Operations per RAID Controller. Total of 4GB Cache Maximum with Redundant RAID Controllers |
| RAID Sets and Levels Supported: | Up to 16 RAID Sets in varying levels including RAID levels 0, 1 (0+1), 3, 5,, 10, 30, 50, 60, NRAID and JBOD |
| Standard Features: | Online RAID Expansion, Automated Disk Rebuild to Multiple Hot Spare Disks, Automated Disk Rebuild upon Insertion of replaced disk without user intervention, Alerts through SNMP traps, SMTP mail or to dial out to pager |
| System and Remote Monitoring: | Windows based software with GUI Interface for real time monitoring, configuration and reporting of RAID Controllers, Caches, Interfaces, Disks, RAID Sets, LUNs, Permissions to Logical Drives, Power Supplies and Fans' failures and degraded components over in-band Fibre Channel |
| Host Interface: | Dual 2Gbit FC Host Interface per raid controller |
| Hot Swap SATA2 Drive Bays: | 3U: 16 Hot Swap 4U: 24 Hot Swap |
| Maximum Capacity: | 18TB using Hot Swap SATA2 Disks |
| Maximum Hosts: | 512 via Fibre Channel Fabric Switch |
| Dimensions: | 3U: 17.6" W x 5.15" H x 19.6" L (447mm x 131mm x 514mm) 4U: 17.6" W x 6.86" H x 19.6" L (447mm x 174mm x 514mm) |
| Power Voltage: | 1U: 1 fixed power supply w/ PFC, 90 to 260VAC, 47 to 63Hz, 2V/32A 2U/3U/4U: 2 redundant hot-swappable power supplies w/ PFC, 90 to 260VAC, 47 to 63Hz, 2V/32A |
| Fans: | Redundant and Hot Swappable |
| Temperature and Humidity: | Operating: 0°C - 40°C, 10 - 95% Humidity, Non Operating: -20°C - 60°C @ 8 – 90% Humidity |
| Operating Altitude & Shock: | Sea Level – 3,048 Meters Operating: 10 G or less Non Operating: 175 G or less |
| MTBF: | 1,200,000 Hours |
| Safety Approvals: | CUL, FCC Class A, CE |
| Warranty: | 3 Years Return to Factory Warranty, standard. Advance Parts Replacement and Onsite Labour Service Optional. |

