



The Next Generation in Fibre Channel RAID Subsystems

Storageflex™ Fi240 is Storageflex's High Performance Fibre Channel RAID solution for mission critical Applications. Designed with redundancy throughout all components, Storageflex™ Fi240 provides maximum uptime for un-interrupted computing. Dual Hot Swappable Active-Active Mirrored Cache RAID Controllers connects to the SAN and provides Dual Data Path Connectivity for up to 240 Hot Swap Fibre Channel or Fibre Channel Attached SATA (FATA) Drives. Fault Tolerance Storage of up to 72TB with Fibre Channel Disks or 240TB with Fibre Channel Attached SATA (FATA) Disks.

Storageflex™ Fi240

- Cable-less Design
- Two 4Gbit Fibre Channel Interfaces per raid controller, Four FC Interface Maximum
- Single or Dual Active RAID Controllers with up to 2GB Cache each, 4GB Cache Total
- 1,024 LUNS/Hosts
- Choice of Fibre Channel and SATA Disks
- Hot Swap Controllers, Power, Fans and Disks
- Online RAID (Dynamic LUN) Expansion
- Predictive Drive Failure Analysis
- Cluster Ready
- Included RAID Management and Monitoring Software Web Browser
- Storage virtualization
- Snapshot
- Mirroring
- Remote replication
- Storage provisioning
- Automated capacity growth
- Database Agents
- Multipath Agent



Photo of Main RAID Controller (Dual Controller Optional) with 15 Hot Swap Disk Bays expandable to 240 Disks

Ultimate in Scalability!

Start with as few as 15 Hot Swap Fibre Channel Drive Bays and expand with 15 drive bays at a time. Maximum capacity of 240 disks totaling 72TB with Fibre Channel Disks or 240TB with Fibre Channel Attached SATA (FATA) Disks.

Convergence of Fibre Channel and iSCSI

Storageflex™ Fi240's Host Connection Configurations include Fibre Channel, iSCSI or both. Storageflex™ Fi240 is configurable for simultaneous access for Fibre Channel and iSCSI for the ultimate in investment protection.

Applications

With the most scalable architecture in capacity, types of disks and host connectivity, Fi240 is ideally suited for Mission Critical Online Storage with Hot Swap Fibre Channel and/or SATA Disks yet low cost enough for larger capacity disk based backup and archives.



Storageflex™ Fi240 Specifications

Operating Systems:	Fibre Host Configurations: Microsoft Windows, Linux, Sun Solaris, Apple OS X, IBM AIX and HP-UX iSCSI Host Configurations: Microsoft Windows, Linux, Sun Solaris, Apple OS X, IBM AIX and HP-UX
RAID Controller:	Single or Dual Active-Active RAID Controllers with Mirrored Cache Standard
RAID Controller Memory:	1GB – 2GB ECC (Error Correction Code) Cache for Read and Write Operations per RAID Controller. Total of 4GB Cache Maximum with Redundant RAID Controllers with Battery up to 72 hrs
RAID Controller CPU:	Dual High Performance Processors per RAID Controller
RAID Sets and Levels Supported:	Up to 1,024 Simultaneous RAID Sets in varying levels including RAID levels 0, 1, 1+0, 3, 5, 50, 6
Standard Features:	Online RAID (Dynamic LUN) 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
Optional Features:	Managed Snapshot Services (MSS) Volume Copy Services (VCS) Intelligent Capacity Management (ICM) Remote Replication – Synchronous (RRS) Database Application Agents (DAA) Universal Multi-Path Driver (UMPD)
System and Remote Monitoring:	Embedded Web Based Management Interface. Optional Java based software with GUI Interface for 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:	FC: 2 x 4Gbit Fibre Channel Host Interface per raid controller, 4 x 4Gbit maximum iSCSI: 4 x 1Gbit iSCSI Host Interface per raid controller, 8 x 1Gbit maximum
Drive Capacity and Performance:	15,000RPM: 73/146/300GB 10,000RPM: 300/400GB 7,200RPM: 250/500/750GB/1TB
Maximum Number of Drives:	16 X 15 FC/FATA Bay Chassis
Maximum Capacity:	72TB using Hot Swap Fibre Channel Disks 240TB using Hot Swap Fibre Channel Attached SATA Disks
Hosts:	Up to 1,024 Simultaneous Hosts comprised of 32 Logical Drives
Dimensions and Weight:	5.20" H x 17.58" W x 18.70" D @ 79lbs
Power Voltage:	2 redundant hot-swappable 460W power supplies at 90-260 VAC, 47-63 HZ, auto-ranging, PFC
Fans:	Redundant Hot Swap Fans per chassis
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:	90 Days Technical Support. Optional Upgrade with extended warranty backed by Advance Parts Replacement, Onsite Service 9 x 5 x Next Business Day or 24 x 7 x 4 Onsite Service.