

New! 4Gb Fibre to Fibre Series - Performance, Scalability, Unrivalled Price/Performance Ratio**Performance and Scalability**

The X4 Fibre-to-Fibre series features a maximum of 12 x 4Gb/s channel bandwidth. With extraordinary scalability and high throughput, your demands for capacity and performance can be easily fulfilled. The X4 comes in a backplane-based enclosure with redundant, hot-swappable component pairs. Operation statuses are constantly available via comprehensive interfaces such as LCD screen, firmware utility, or across the network via telnet console and browser. Drive expansion is easily made through the extension of the dual loop within or the connection to X4 SBODs by converting two of the FC channels to drive mode.

Benefits

Extremely high performance, scalability and connectivity. FC drives offer dual looping capabilities and systems can be combined to support massive application performance in a true end-to-end Fibre Channel storage solution.

Application Uses

- High Performance Computing
- Database Applications
- Video Streaming
- Datacenter applications
- Hot-Site Operations
- eCommerce

Key Features

- 4Gb/s host & drive Fibre Channels
- High availability dual-active RAID controllers and fault-tolerant hardware
- Affordable & upgradable single-controller option
- Scalable to dozens of TBs, maximum 13 chassis
- Loop switched, high efficiency drive loops
- 5th generation, ASIC400 backbone:
 - Hardware RAID5 + RAID6 engine
 - Dedicated, 18Gb/s sync. cache channels
 - Path redundancy with bypass/hubbed channels

High Availability

- Active-active redundancy
- Hot-swap mechanisms
- Component redundancy
- Dedicated sync. cache channels
- Intelligent reactive & preventive mechanisms
- Automated cache flush
- Automated Media Scan
- Auto rebuild on hot spares
- Automated caching mode switch

Advanced RAID Features

- RAID levels 0, 1 (0+1), 3, 5, 6, 10, 30, 50, 60
- RAID Parity regeneration
- 64-bit LBA support
- 3 spare disk types: dedicated, global, enclosure-specific
- Instant array availability
- Stripe size and caching mode configurable per logical drive
- Online array expansion by adding drives or copying & replacing drives
- Online disk cloning

High-availability dual-controller provides fault-tolerant components, ease of capacity expansion, and failover capabilities to ensure business continuity.

Affordable single-controller offers capacity with performance-oriented storage, with affordable hardware and scalability.

**Management**

- Browser-based manager
- Java-based manager
- LCD keypad panel
- Terminal console via RS-232

Configurations

- 4 host + 2 drive channels (112 HDD)
- 2 host + 4 drive channels (224 HDD)
- 4G or 2G FC disk drives (loop speed configurable)

Expansion

- Loop switched w/ access fairness
- SES monitoring via in-band connection
- Maximum up to 224 disks