

FibreXpac 16000

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HIGH-PERFORMANCE ENTERPRISE STORAGE

AVAILABLE WITH SINGLE OR ACTIVE-ACTIVE RAID
CONFIGURATIONS

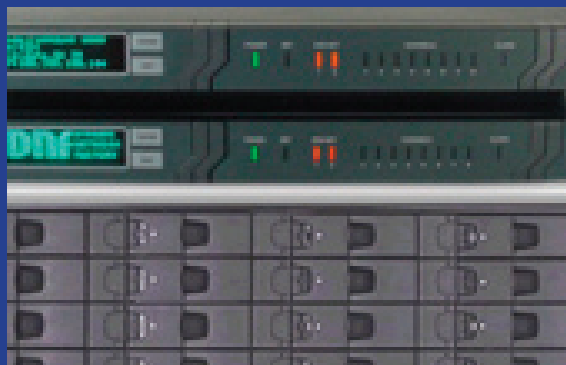
SCALES OVER 300TB WITH SERIAL ATA STORAGE

SIMPLIFIED MANAGEMENT INTERFACE

OPTIONAL LUN REPLICATION

SUPPORTS WORM REPLICATION

The FibreXpac 16000 RAID is an excellent choice for near-line storage applications. The FibreXpac 16000 RAID's scalable design makes expansion easy when storage needs increase. It is the ideal storage solution for applications requiring high data throughput, availability, and flexibility in configuration.



Dynamic Network Factory presents

FibreXpac

RAID Controller Specifications

8 fully independent 2 Gigabit Fibre Channel connections
Each controller supports up to 8 LC Optical SFP modules
Configurable for either host or drive

Dual special purpose processors that speed calculation times and accelerate data transfer rates

Support up to 200 TeraBytes (pending 300GB drive availability)

Continuous active monitoring of all subsystem component

User configurable RAID levels by LUN - RAID 0, 00, 1, 10, 100, 3, 30, 5, 50, JBOD

Automatic drive failure detection and rebuild

Automatic hot swap drive detection and reconstruction

Embedded RAID manager (no software to install)
Browser-based GUI, VFD, LEDs and audible alarms)
Proactive email alerts

Supports FC-AL, Point-to-Point and Switched Fabric

Dual redundant load sharing, hot-swappable power supplies with dual power cords

Data Replication Application (optional)

Active-Active dual 1U RAID controllers (optional)

8 Fully Independent 2Gb Fibre Channel Connections

The FibreXpac™ 16000 2 Gigabit Fibre Channel RAID was designed to be the most powerful and versatile scalable SATA RAID solution on the market. Featuring 8 fully independent 2 Gb Fibre Channel connections, dual special purpose processors, a high speed multi-channel bus architecture, and capacities up to 300 TeraBytes, the FibreXpac 16000 RAID moves data from drive to desktop faster than any other controller. Its advanced design accelerates RAID operations, improves read and write performance and maximizes data throughput. The 8 independent channels enable you to put the bandwidth where you need it addressing host or disk side bottlenecks. Add to this the true "no single point-of-failure" Active-Active dual RAID controller configuration option, the FibreXpac 16000 RAID delivers unprecedented levels of confidence and worry-free operation to storage managers.

For data availability, the FibreXpac 16000 RAID offers multiple RAID levels assignable by LUN to optimize performance across a variety of applications. The flexibility of 8 independent Fibre Channels facilitates a wide selection of enhanced availability configurations using channel redundancy, cross enclosure RAID groups and multiple drive/channel redundancy schemes. This controller performs active monitoring of all subsystem components including power supplies, fans, disks, Fibre Channels, temperatures, and UPS. It also includes automatic drive failure detection and repair, hot swap detection and reconstruction, user defined sparing policies and controlled shutdown in the event of a UPS failure.

But this is only half the story. More importantly, because the FibreXpac 16000 RAID is so powerful, versatile, scalable and reliable, it can be used in a wide variety of applications and environments. It can be configured for the extremes in performance or the limits of scalability, and everything in between, while still delivering superior fault tolerance.

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up to 300TB Capacity
Scalable SATA Storage

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Drive Enclosure Specifications

576GB to 6,400GB Storage Capacities

Sixteen SATA Disk Drives

High performance for I/O intensive applications.

Four 2 Gigabit/Second Dual Loop Fibre Channel SFP Ports: Two Ports for RAID/JBOD Host, Two Ports for Cascading FibreXpac JBODs

Redundant SES Modules to Provide Access to Monitor/Control All Enclosure Elements

Load-Sharing 460 Watt Hot-Swappable Dual Redundant Power Supplies

3U 19" Rackmount Chassis

ABOUT DYNAMIC NETWORK FACTORY

Company Vision

Dynamic Network Factory is dedicated to creating cost-effective and high quality storage solutions while relying on innovative spirit and engineering excellence. With this singular focus, DNF is primed to become one of the leading providers of storage solutions for diverse organizations worldwide.

RAID CERTIFICATION

DNF is committed to building rock-solid systems from the bottom-up. Each drive used by DNF goes through a sophisticated and grueling 120 hour testing process, weeding out units that exhibiting signal quality problems, data mismatch errors, temperature and power regulation issues, or other conditions that escaped the manufacturer's testing process. The survivors receive our "RAID Certified" seal of approval.

Company Profile

Dynamic Network Factory (DNF) has a long heritage of creating cutting-edge customer-driven products. As an engineering-focused company, with a history specializing in storage solutions, DNF is poised to rapidly expand its customer base and define the next generation of storage solutions ranging from workgroup RAID systems to iSCSI engines, and modular enterprise Fibre Channel solutions. DNF started as US subsidiary of Japanese publicly-traded IT conglomerate CSK Electronics in 1989. In 1998 the company refined its strategy and began to focus the hardware group on storage solutions. Within a year, DNF's rapid growth resulted in its emergence as an independent, privately-held spin-off. Serving over 20,000 customers since its inception in 1989, DNF has provided custom solutions for organizations of all sizes and built products for many familiar computer manufacturers as an OEM.