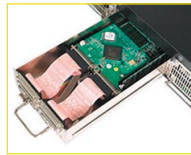


VP-12xx-FC



Fibrenetix **VP-12xxFC** system combines high performance dual 2Gbit host connection with cost-effective IDE or SATA drive technology to offer outstanding performance and reliability. The **VP-12xxFC** provides a massive 4.4 Terabytes of RAID protected storage in a compact 12-bay, 2U rackmount enclosure.

Exclusive to Fibrenetix, the **VP Series** features unique embedded RAID management with Email and SNMP support via onboard Ethernet connection.

Incorporating our new high performance DAYTONA RAID engine, Fibrenetix **VP Series** benefits from advanced RAID-6 technology. RAID-6 provides all the advantages of RAID-5, with the additional safety of dual parity data meaning two simultaneous drive failures can be sustained with no loss of data, offering the ultimate in fault tolerance.

The **VP-12xxFC** offers a cost effective, high performance scalable solution for the midrange storage market.

PRODUCT FEATURES

- RAID Levels: 0, 1, 0+1, 3, 5, 6 and JBOD
- Advanced high-speed **RAID-6** functionality via DAYTONA RAID engine offering dual distributed parity for ultimate data protection
- NEW High Performance RAID controller featuring 64-Bit RISC Microprocessor
- 256MB cache memory, upgradeable to 1GB
- Supports multiple RAID arrays
- Easy to use and manage with Fibrenetix advanced embedded RAID management, Email and SNMP support via onboard Ethernet connection
- 4.4 Terabytes of fully redundant RAID storage using 12x 400GB high-capacity Hard Disk Drives
- Hot-swap components - Hard Drives, Fan & PSU modules
- Array roaming - seamless movement of HDD's without any loss of configuration or data
- Remote monitoring via RS-232 and/or SCSI port
- Automatic data rebuild and hot-spare support
- Online RAID expansion - add new drives to an existing array
- Server Cluster Ready (dual host interface)
- Fibre Channel host LUN filtering
- Write-through or write-back cache support
- Up to 200MB/s data transfer rate per channel (dependant on host connectivity and applications)

TECHNICAL SPECIFICATIONS

Product Codes	Fibre Channel - IDE: VP-1242FC Fibre Channel - SATA: VP-1252FC
Inbuilt Controller	Intel 80321 400Mhz 64-bit RISC microprocessor
Cache Memory	256MB - 1GB SDRAM cache with ECC protection
RAID Levels	JBOD, 0, 1, 0+1, 3, 5, 6
Data Transfer Rates	Up to 200MB/sec per channel (dependent on host & applications)
Hard Disk Drives	Up to 12x Ultra DMA / SATA Disk Drives (1" high)
Interface: Host Bus	Dual 2Gbit Fibre Channel
Disk Bus	E-IDE with Ultra DMA Support / Serial ATA
Maximum Capacity	4.8 Terabytes using 400GB HDDs
Host Requirement	Host Independent and Transparent
Operating Systems	OS Independent and Transparent
Data Rebuild	Automatic Data Regeneration
AC Input Voltage	100/240V (+/-10%), 47/63Hz
Power Supply Capacity	2x 400W redundant PSU & cooling fan modules
Relative Humidity	15% to 80% Non-condensing
Operating Temperature	5°C to 40°C
Non-Operating Temperature	-40°C to 70°C
Form Factor	2U Rackmount
Dimensions	484mm(W) x 552mm(D) x 88mm (H)
Weight	19 KG (without disk drives)

NB: Specifications subject to change without prior notice. Various trademarks belong to their respective owners.

