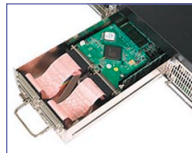




VP-852-FC



The VP-8 bay products are the latest addition to Fibrenetix **VP-852-FC** system combines high performance dual 2Gbit host connection with cost-effective SATA drive technology to offer outstanding performance and reliability. The **VP-852-FC** provides up to 2.8 Terabytes of RAID protected storage in a compact 2U rackmount enclosure.

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

Fibrenetix **VP-852 Series** utilises our high performance DAYTONA RAID engine and benefits from advanced RAID-6 technology for the ultimate protection of your data. RAID-6 provides all the advantages of RAID-5, with the additional safety of dual parity data. Meaning the system can sustain two simultaneous drive failures with no loss of data.

The **VP-852-FC** 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
- NEW High Performance RAID controller featuring 64-Bit RISC Microprocessor
- Easy to use and manage with Fibrenetix advanced embedded RAID management, Email and SNMP support via onboard Ethernet connection
- Advanced high-speed **RAID-6** functionality via DAYTONA RAID engine offering dual distributed parity for ultimate data protection
- 256MB cache memory, upgradeable to 1GB
- Supports multiple RAID arrays
- 2.8 Terabytes of fully redundant RAID storage using 8x 400GB high-capacity SATA 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
- 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 - SATA: VP-852-FC |
| 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 8x SATA Disk Drives (1" high) |
| Interface: Host Bus | Dual 2Gbit Fibre Channel |
| Disk Bus | Serial ATA |
| Maximum Capacity | 3.2 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 2U (H) |
| Weight | 18 KG (without disk drives) |

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

