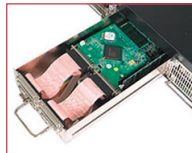


VP-852-U3/U4



The VP-8 bay products are the latest addition to Fibrenetix **VP Series**. Available with dual Ultra160 or Ultra 320 SCSI host connections to cost-effective SATA drive technology.

The **VP-852-U3/U4** offers high performance, redundancy and 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-U3/U4** offers a reliable, cost effective, easy to use solution for any mass storage environment.

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)
- Write-through or Write-back cache support
- Up to 320MB/s data transfer rate per channel for U4 model & up to 160MB/s for U3 model

TECHNICAL SPECIFICATIONS

Product Codes	Ultra160 SCSI - SATA: VP-852-U3 Ultra320 SCSI - SATA: VP-852-U4
Inbuilt Controller	Intel 80321 400Mhz 64-bit RISC microprocessor
Cache Memory	256MB - 1GB DDR cache with ECC protection
RAID Levels	JBOD, 0, 1, 0+1, 3, 5, 6
Data Transfer Rates:	U3 models: Up to 160MB/sec per channel U4 models: Up to 320MB/sec per channel
Hard Disk Drives	Up to 8x SATA Disk Drives (1" high)
Interface: Host Bus	Dual Ultra160 or Ultra320 SCSI
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)

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