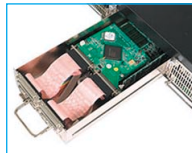


VP-12xx-U3/U4



Fibrenetix **VP-12xx Series** of RAID storage offers dual Ultra160 or Ultra 320 SCSI host connections to IDE or SATA hard drives, providing a massive 4.4 Terabytes of RAID protected storage in a compact 12-bay, 2U rackmount form-factor.

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, the **VP-12xx 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.

Combined with the DAYTONA RAID engine, the RAID-6 functionality gives low cost IDE commodity technology enterprise reliability.

The **VP-12xx Series** offers a superior solution for any mass storage environment.

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)
- Write-through or Write-back cache support
- Up to 320MB/s data transfer rate (dependant on host connectivity, model purchased and applications)

TECHNICAL SPECIFICATIONS

| | |
|----------------------------------|---|
| Product Codes | Ultra160 SCSI - IDE: VP-1242U3 Ultra160 SCSI - SATA: VP-1252U3 Ultra320 SCSI - SATA: VP-1252U4 |
| 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 160MB/sec for U3 models and 320MB/sec for U4 models (dependent on host & applications) |
| Hard Disk Drives | Up to 12x Ultra DMA / SATA Disk Drives (1" high) |
| Interface: Host Bus | Dual Ultra160 / Ultra320 SCSI |
| 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

