JMR

Fortra™ IDE FC

2GB Fibre-to-IDE

Fibre-to-IDE Features:

- Support for RAID 0,1,3,5, and 10
- Up to 1.92TB Capacity
- Hot Swappable HDDs
- Dual Hot Swappable Power Supplies
  Dual Hot Swappable Blowers
- 1Gb/s or 2Gb/s Host Support
- ATA Disk Support
- Up to 200MB/s Throughput
- Software to Create and Manage RAID Arrays

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The 12-Bay Fortra Fibre-to-IDE disk array subsystems is powered by a sophisticated RAID controller technology. With 64-bit architecture centered around a dedicated XOR ASIC and advanced firmware functions run by the PowerPC processor, data is distributed and processed at raging speed among CPU, memory, and drives.

The RAID array in all models can be configured to levels 0, 1 (0+1), 3, or 5. Each drive array allows one HDD failure without impact on the existing data and failed drive rebuild is transparent to the host. System operation is constantly protected by redundant cooling fans and redundant power supplies. Environmental information is accessible via the RAIDGuide Manager or VT-100 compatible terminal emulation.

The subsystem's high performance comes from its 64-bit PowerPC 603e/750 RISC CPU and Infortrend's proprietary hardware XOR ASIC. The 64-bit bus bandwidth at 66MHz between SDRAM and CPU makes its high data throughput more than sufficient for small-to-medium sized servers or workstations. Data can be distributed through a high-speed 64-bit path at a burst rate up to 533MB/sec and the system's overall performance reaches up to 134MB/second (sustained reads, Ultra160 SCSI model). The dual independent PCI bus design efficiently eliminates bandwidth bottlenecks for IO traffic. Balanced bus loading and the superior architecture make it an optimal RAID solution for a wide range of SCSI based PCs, single-user workstations, NT or Linux-based.

Fibre-to-IDE Specifications

Integrated System Hardware
- 12-bay Rackmount Enclosure
- Single Embedded RAID Controller
- Two 1Gb/s or 2Gb/s Fibre Host Connection
- ATA, ATA-66, ATA-100 and ATA-133 Drive Support
- Up to 1GB Cache Memory
- Twelve 3.5" LP ATA HDD Canisters
  (HDDs are optional)

Rackmount Specifications
Dimensions/Weight
Unit Weight   40 lbs. (18.2kg)
Height   5-1/4" (3U) (133mm)
Width   19" (483mm)
Depth   25" (633mm)

Power Supply
(Each power supply includes internal cooling fan)
Quantity   2
Power   400 Watts each (N+1) PFC
Inpu   100-240 VAC; 50-60Hz
Output   +3.3V @ 20A
                     +5V @ 28A
                     +12V @ 28A
                     -12V @ 0.5A

Blower
Quantity   4 (2 per cannister)
Size   97mm (3.82") each
Air Flow   25.42CFM (0.72m3/min) each
Noise   52dB(A)

To purchase or obtain product information, contact JMR:

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