

FALCON III

4Gb SATA-2 Disk Drives Series

RAID Operation

- Single or Dual Controller
- RAID Levels 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, NRAID, and JBOD
- Multiple Logical Drive Configurations, each with Different RAID Level
- Hot Spare Drive Support
- Drive Hot Swapping
- Automatic Background Rebuild
- Online Drive Expansion
- Intelligent Drive Handling
- LUN Filtering - RAID Based and Centralized Access Management in SAN
- 12TB Maximum Capacity
- Up to 1024 LUN for Host Mapping

Disk Interface

- 3.5", 1" high 3Gbps FC-2G to SATA-II disk drives
- Automatic bad sector reassignment
- Drive hot-swappable via SCA-II connectors
- Dedicated bandwidth to each connected drive
- Concurrent I/O commands
- Variable stripe size per logical drive
- Optimization setting for random or sequential I/Os

External Connections

- Two (2) FC-4Gb Hosts - Backward compatible with 1 or 2Gb FC
- Two (2) DB-9 Connectors for RS232C Serial Port
- One (1) RJ45 Ethernet Port

Management

- Firmware-embedded Java-based GUI RAID manager
- Centralized management of multiple arrays over in-band SCSI or Ethernet
- Real-time event notification over Email, LAN broadcast, or SNMP traps
- Host-side SES emulation with pass-through to back-end SES emulation
- SNMP 2.0 MIBs with get and set commands
- Firmware-embedded utility via LCD keypad or RS-232C port

Controls and Indicators

- Front LCD Control Panel for Setup and Configuration
- LED Indicators for Power, Battery, Controller(s), and other System Operation Status
- Component Failure Indication through LCD, RS-232C, and GUI
- Built-In Beeper and Alarm Mute

Power and Cooling

- Two (2) Hot Swap Redundant 460W Power Supply Units
- Two (2) Separate Hot Swap Redundant Cooling Modules w/ (2) Individual Fans
- Input: 90-260VAC, 47-63Hz
- Output: @5V (25A max), 12V (32A max), 3.3V (20A max)



System Weight - 16 Bay Falcon (w/o drives)

Net weight: 62.7 lbs
Gross weight: 67.2 lbs

Dimensions

3U Subsystem Dimensions: 5.25" H x 19" W x 20" D

Environmental

Operating Temperature: 0 to 40 degrees C
Relative Humidity: 5-95%, non-condensing

This product is available with:

STORAGEWATCH®

All Falcon systems are StorageWatch® capable allowing users to reduce both infrastructure TCO and organizational operating costs associated with today's business of data assets and intelligence ensuring long term organizational growth.