

Falcon V 24-Bay



4U 24-Bay 3.5" Form Factor

Highlights

- ❖ **Reliability and Availability**
 - Local and remote replication functionality enables quick data recovery after logical errors and physical errors
 - Redundant and hotswappable hardware components eliminate single point of failure
 - Multiple hardware RAID levels protect data against drive failure
 - CacheSafe technology protects cached data during a power outage
- ❖ **Performance**
 - Leading performance supports demanding business applications
 - Hybrid host connectivity models offer cost-effective remote replication and SAN tiering
- ❖ **Scalability**
 - Scale storage capacity (up to 104 drives) as needed through expansion enclosures
- ❖ **Management**
 - User-friendly and intuitive SANWatch interface allows for simple storage management
- ❖ **Green**
 - Energy efficient power supplies
 - Dynamic cooling
 - Intelligent multi-level drive spin-down

The Falcon V 4U 24-bay is a Fibre Channel (FC) host storage system combining 8Gb/s FC host connectivity and 6Gb/s SAS drive support. Accommodating 24 SAS or SATA drives, Falcon V series enables SMBs to deploy high-availability FC SANs delivering outstanding price-performance. The enterprise-class data protection and exceptional performance of RAID Inc's Falcon series are ideal for mission-critical environments.

DATA PROTECTION: SNAPSHOT, VOLUME COPY/ MIRROR

Support the highest data availability and quick service restart after storage accidents

EIGHT 8GB/S FIBRE CHANNEL HOST PORTS

Best-of-class throughput and IOPS, ideal fit for IO-intensive and bandwidth-demanding applications

Backward compatible with 4Gb/s or 2Gb/s speeds, protecting current infrastructure investment

GREEN DESIGN

High-efficiency power supplies delivering more than 80% energy conversion efficiency

Intelligent multi-level drive spin-down technology: In spin-down state, drives can save up to 60% of energy consumption

Ideal Uses

- ❖ Mission-critical environment
- ❖ All high-bandwidth applications
- ❖ Parallel file systems
- ❖ Streaming video
- ❖ Transactional workload
- ❖ Data warehousing
- ❖ Business-critical application

Optional Features

- ❖ Thin Provisioning
- ❖ Remote Replication
- ❖ Snapshot
- ❖ Volume mirror/copy

StorageWatch

All RAZOR 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.

CACHESAFE TECHNOLOGY

Backup battery automatically supplies power to write cached data into flash module for permanent protection during power outage

FAULT-TOLERANT HARDWARE MODULES

Redundant controllers, PSUs, fans; high-availability hardware design, preventing "single-point-of-failure"

EXPANSION UP TO 104 HDDS

"Pay-as-you-grow" scalability; no waste on what you don't need, and no worries about what you will need

POWERFUL MANAGEMENT SUITE (SANWATCH) SUPPORT

including multi-pathing functions

Easy management and monitoring of your subsystems anywhere, locally or remotely

Recognize and manage redundant paths; support path failover and load-balancing