LaCie 12big Rack Fibre 8
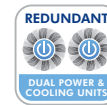
8Gb/s Fibre Channel Storage

Lightning-Fast Enterprise Storage

Up to 120TB* SATA | 57.6TB SAS

5-YEAR GOLD PROTECTION

REDUNDANT DUAL POWER & COOLING UNITS

QUAD 8Gb/s FIBRE CHANNEL

Peerless Performance

The LaCie 12big Rack Fibre 8 is the ideal solution for post-production professionals working with multiple uncompressed HD streams, and for IT managers looking for a rock-solid storage solution with superior throughput. It features two 8Gb/s Fibre Channel connections per controller. When combined with additional RAID controllers using active/active technology, it can provide enough bandwidth to support one full non-interlaced 4K video stream** with only 12 drives. Reaching 1280MB/s*** with 12 drives, it can even achieve speeds up to 2590MB/s▼ with expansion units. The LaCie 12big Rack Fibre 8 is compatible with all high-performance Fibre Channel Host Bus Adapters. LaCie recommends using ATTO Celerity cards with dedicated multipathing drivers for optimized throughput and better reliability.

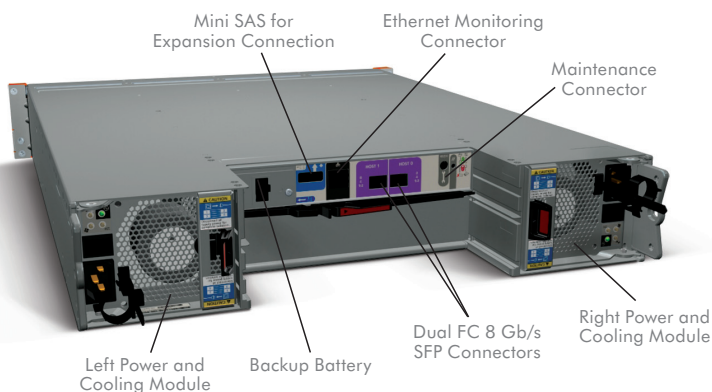## Superior Enterprise Class Components

The LaCie 12big Rack Fibre 8 is shipped with hot-swappable enterprise class disks that are developed with Rotational Vibration Safeguard® (RVS) technology, for improved reliability and robustness. Each single component and chassis are individually tested before shipping. Its RAID controller as well as its two redundant power and cooling modules, are hot-swappable, providing the ultimate in security with no single point of failure.▼▼▼ A backup battery helps to ensure that cached data within the RAID controllers can even survive a power failure. Its casing adheres to SBB (Standard Bridge Bay) international standard references, delivering increased quality and affordability, along with near-silent operation.

Premium Local Support

The 12big Rack Fibre 8 comes standard with the best customer support in the industry. With the 5-Year Gold Protection Plan,▼▼ you receive a five-year warranty on both drives and casing elements. Advance product swap is included, as part of the warranty. You also get access to dedicated specially-trained tech support in your country and escalation to the 12big Core Team if your issue isn't resolved within 24 hours. Using technical reports from a dedicated web interface, the LaCie support team is able to monitor both your configuration to match performance and check for all possible problems.
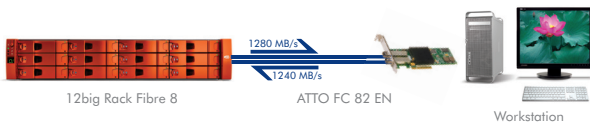
A Total Storage Solution

The LaCie 12big Rack Fibre 8 supports six RAID modes, including 5, 50, and 6. It allows scalability and simple integration. The user can create up to 60 cost-effective enterprise class SATA or 96 high-performance SAS drive disk arrays. With its four Fibre Channel connections you can share storage among four desktop machines or even integrate it into a SAN environment as a larger solution. The 12big Rack Fibre 8 is compatible with StorNext, XSAN, FalconStor HyperFS, MetaSAN and SANmp software. Its intuitive web interface allows you to choose between pre-configured RAID setups and to export tech support file for remote analysis. The 12big Rack Fibre 8 can also be expanded through dynamic disk array and LUN expansions. It even supports multiple disk sizes and mixed SAS/SATA configurations.

Mini SAS for Expansion Connection

Ethernet Monitoring Connector

Maintenance Connector

Left Power and Cooling Module

Backup Battery

Dual FC 8 Gb/s SFP Connectors
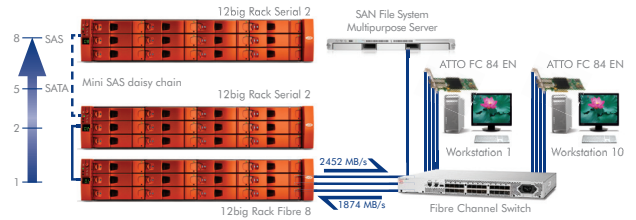
Right Power and Cooling Module

- 1280MB/s with only 12 drives; up to 2590MB/s
- SAS and SATA enterprise class drives
- Premium local support
- 5-year warranty and product replacement

Direct Attached

1280 MB/s
1240 MB/s

12big Rack Fibre 8 — ATTO FC 82 EN — Workstation

- One workstation attached to one 12big Rack Fibre 8 enclosure
- 4 x 8Gb/s fibre host bus adaptor connection for enhanced transfer speeds
- Near-silent operation

SAN

12big Rack Serial 2
SAN File System
Multipurpose Server
ATTO FC 84 EN   ATTO FC 84 EN
8 — SAS
5 — SATA
Mini SAS daisy chain
12big Rack Serial 2
2
Workstation 1   Workstation 10
1
2452 MB/s
1874 MB/s
12big Rack Fibre 8   Fibre Channel Switch

- Multiple workstations and one server attached to 12big Rack Fibre 8 enclosures via multi-port Fibre Channel switch
- Up to 4 x 8Gb/s fibre host bus adaptor connections per user depending on switch port availability
- Shared media via SAN file system

Item Number	131130	131131	131132	131091	131092	131093
Capacity*	6TB SATA	12TB SATA	24TB SATA	12TB SATA	24TB SATA	7.2TB SAS
Number of Drives	6 x 1TB	12 x 1TB	12 x 2TB	12 x 1TB	12 x 2TB	12 x 600GB
Drive Type	Hot-swappable enterprise class drives: SAS 15 krpm (6Gb/s) or SATA II 7200 rpm (3Gb/s)					
RAID Controller	Single			Dual, active/active		
External Interface	2 x 8Gb/s Fibre Channel			4 x 8Gb/s Fibre Channel		
RAID Modes	0, 1, 10, 5, 50, 6					
Supported Hosts	256, 512 LUNs, LUN Masking, >2TB LUNs					
Drives Supported	Hot-swappable enterprise class drives SAS 15 krpm or SATA II 7200 rpm (3Gb/s)					
Error/Status Reporting	SES (SCSI Enclosure Services) 2.0					
Expansion	Up to 4 LaCie 12big Rack Serial 2 enclosures with SATA drives or 7 12big Rack Serial 2 enclosures with SAS drives via Mini SAS (SFF-8088) connections					
Total Expansion Capacity	60 drives /120TB for SATA or 96 drives / 57.6TB for SAS					
Drives Supported	Height: 87.9mm (3.46") 2 EIA units Width: 443.7mm (17.49") IEC Rack Compliant Depth: 550mm (21.65") Weight: 32.2kg (71 lbs.) dual I/O module configuration with drives					
Software	StorView web admin for RAID configuration, remote analysis and snapshots Multipathing drivers: StorView Path Manager for Windows® and Linux, dedicated multipathing ATTO driver for Mac®					
Environmental: Operating	Temperature: 5° to 40°C (41° to 104° F) Shock: 5g 10ms 1/2 sine Humidity: 8% to 80% non-condensing Vibration: random 0.21 grms 5-500Hz Altitude: 0 to 3045 m (0 to 10,000') Acoustics: <58 dB LpA @20° C					
Environmental: Non-Operating	Temperature: 1° to 50°C (33.8° to 122° F) Shock: 30g 10ms 1/2 sine (test without drives) Humidity: 8% to 80% non-condensing Vibration: random 1.04 grms 2-200Hz (test without drives) Altitude: 0 to 12,192m (0 to 40,000')					
Box Content	• LaCie 12big Rack Fibre 8 mono controller enclosure • 2 x 8Gb/s Fibre Channel LC to LC optic cables (3m) • 2 x SFP connectors • UK, EU, US power cords • Rack mounting rail kit					
Compatibility	Windows Server 2008 R2 (IA32, EM64T, IA64) / RedHat Linux AS4/EL5 (IA32, EM64T, IA64), SuSE Linux 9/10 (IA32, EM64T, IA64) / Mac OS X 10.4 and later					
Service and Warranty	5 years on drives and chassis / Advance product swap / Dedicated local support team					

LaCie 12big Rack Fibre 8 Accessories:

Accessory Name	Item #	Description
SATA 1TB Spare Drive	131003	LaCie Spare 1TB LaCie 12big Rack enterprise class drive with hot swappable drawer
SATA 2TB Spare Drive	131004	LaCie Spare 2TB LaCie 12big Rack enterprise class drive with hot swappable drawer
SAS 600GB Spare Drive	131064	LaCie Spare SAS 600GB LaCie 12big Rack enterprise class drive with hot swappable drawer
RAID Controller	131094	LaCie 12big Rack Fibre 8 RAID controller
FC Cables	131014	LaCie 10m FC cables (LC connectors)
Power/Cooling Module	131095	LaCie 12big Rack Fibre 8 rescue power and cooling module
Spare battery	131096	LaCie 12big Rack Fibre 8 spare battery
Snapshot License	131018	StorView Snapshot licenses for StorView Web admin

LaCie Recommends
ATTO
ATTO Technology, Inc.
compatible with WINDOWS®
compatible with MAC OS®
compatible with LINUX