



# 12big Rack Serial 2

JBOD with Mini SAS Connectivity

## Direct-Attached, Expandable, Quiet Storage

Up to 120TB SATA | 57.6TB SAS



### Direct-Attached and Quiet

The LaCie 12big Rack Serial 2 is perfectly suited for professionals who need a way to expand the storage of their workstation or server. By using a Mini SAS RAID controller, you can connect the 12big Rack Serial 2 to your workstation to instantly receive from 6TB to 24TB in a single 2U chassis. Its casing adheres to SSB international standard references, delivering increased quality and affordability, along with near-silent operation. Additionally, it supports SES (SCSI Enclosure Services) 2.0, which allows you to closely monitor the status of your disks and enclosure, so you can work confidently.

### Professional Components and Support

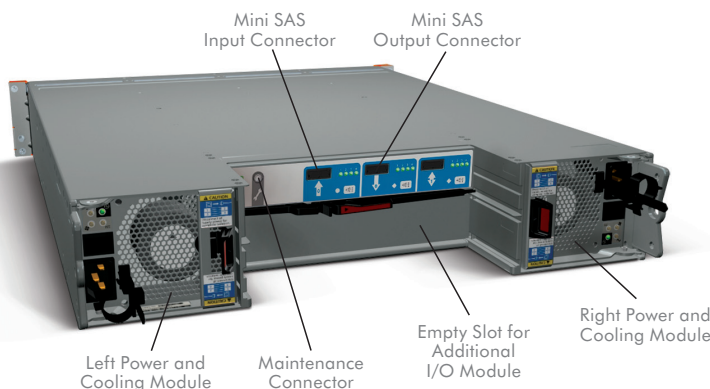
To ensure the best quality, only Enterprise Class disks are used in the LaCie 12big Rack Serial 2, meaning that you can fully rely on the system to protect your data. They have been developed with Rotational Vibration Safeguard® (RVS) technology, helping them to be even more reliable and robust. It even supports mixed SAS and SATA drive configurations. 100% of the enclosures and 100% of the disks are tested, and if you experience any issues with your 12big Rack Serial 2, you have access to the best customer support in the industry. We offer advance product swap, access to specially-trained tech support in your country, and escalation to the 12big Core Team if your issue isn't resolved within 24 hours.

### Expandable

LaCie 12big Rack Serial 2 is an accessible and reliable 12-disk JBOD array providing a convenient and robust way for organization to expand their network's storage capacity. By daisy-chaining several enclosures, users can create 96 SAS or 60 SATA disk arrays reaching 120TB of data. 12big Rack Serial 2 can also be used as expansion unit with any other 12big Rack product to get additional storage and performance. Reach 1050 MB/s\* with only 12 drives when using a 6Gb/s RAID controller.

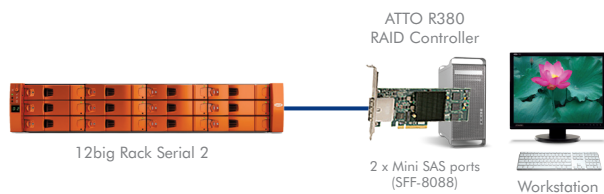
### Fully Redundant—Fully Reliable

In addition to the 12 hot-swappable disks and individually tested enclosures, the LaCie 12big Rack Serial 2's I/O modules, Mini SAS links, power and cooling module can be replaced on the fly, providing the ultimate in redundancy and security. Within the 12big Rack Serial 2, there is no single point of failure. LaCie 12big Rack Serial is compatible with all high-performance Mini SAS RAID controllers. For optimized throughput and higher reliability, LaCie recommends using ATTO R380 cards.



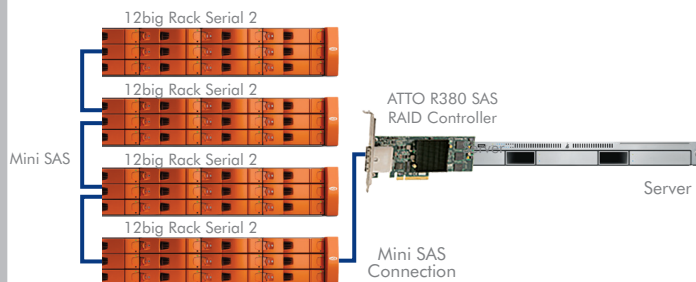
- Direct-attached, quiet storage
- Expandable up to 120TB
- 1050MB/s with 12 drives
- Fully redundant\*\*

## Direct-Attached



- One workstation attached to four 12big Rack Serial 2 units via a RAID host bus adaptor (ATTO R380/R680 recommended for best performance)
- Reach 1050 MB/s\* with 12 SAS drives RAID 5 for a turnkey, HD post production creative suite

## Expansion



- One server attached to up to five SATA drives or eight SAS drives in 12big Rack Serial 2 enclosure
- Incredible speed and massive capacity for the most challenging HD, film, and video (on- and offline) projects

Capacity***	6TB SATA Enterprise Drive	12TB SATA Enterprise Drive	24TB SATA Enterprise Drive	7.2TB SAS Enterprise Drive
Item Number	131140	131141	131142	131143
Number of Drives	6 x 1TB	12 x 1TB	12 x 2TB	12 x 600GB
Drives Supported	Hot-swappable enterprise class drives SAS 15 krpm or SATA II 7200 rpm (3Gb/s)			
Controller	Single SAS I/O module			
External Interface	Mini SAS (SFF 8088): 1 x IN, 1 x OUT			
Error/Status Reporting	SES (SCSI Enclosure Services) 2.0			
Expansion	Through daisy chaining of several LaCie 12big Rack Serial 2 units (96 SAS drives or 60 SATA drives)			
Dimensions	Height: 87.9mm (3.46") 2 EIA units Depth: 550mm (21.65")		Width: 443.7mm (17.49") IEC Rack Compliant Weight: 32.2kg (71 lbs.) dual I/O module configuration with drives	
Power	Consumption: 300W typical Voltage: 100-240VAC Frequency: 48-62 Hz			
Environmental (Operating)	Temperature: 5° to 40°C (41° to 104° F) Humidity: 10% to 80% non-condensing Altitude: 0 to 2133 m (0 to 7,000')		Shock: 5g 10ms 1/2 sine Vibration: random 0.21 grms 5-500Hz Acoustics: <58 dB LpA @20° C	
Environmental (Non-Operating)	Temperature: 1° to 50°C (33.8° to 122° F) Humidity: 8% to 80% non-condensing Altitude: 0 to 12,192m (0 to 40,000')		Shock: 30g 10ms 1/2 sine (test without drives) Vibration: random 1.04 grms 2-200Hz (test without drives)	
Warranty	5 years on drives and chassis including sub parts / Advance product swap / Dedicated local support team <sup>†</sup>			
Box Content	LaCie 12big Rack Serial 2 / SFF-8088 to SFF-8088 Mini SAS cable (1 m) / Rack mounting rail kit / UK, EU, US power cords			
Compatibility	Windows Server 2003 (IA32, EM64T, IA64) / RedHat Linux AS4/EL5 (IA32, EM64T, IA64), SuSE Linux 9/10 (IA32, EM64T, IA64) / Mac OS X 10.4 and later			

## LaCie 12big Rack Serial 2 Accessories:

Accessory Name	Item #	Description
SATA Spare Drive	131003	LaCie Spare 1TB LaCie 12big Rack enterprise class drive with hot swappable drawer
SATA Spare Drive	131004	LaCie Spare 2TB LaCie 12big Rack enterprise class drive with hot swappable drawer
SAS Spare Drive	131064	LaCie Spare SAS 600GB LaCie 12big Rack enterprise class drive with hot swappable drawer
I/O Module	131099	LaCie 12big Rack Serial 2 I/O module <sup>††</sup>
Mini SAS Cables	131013	LaCie 2m Mini SAS cables
Power/Cooling Module	131095	LaCie 12big Rack Fibre 8 rescue power and cooling module

\* Measurement performed with 1x RAID 5 array over 12 SAS drives 600GB with 6Gb/s RAID controller, quad core Xeon @ 1.87 GHz, 24GB DDR3 RAM.

\*\* In dual I/O configuration.

\*\*\* 1TB (Terabyte) = 1,000GB. 1GB = 1,000,000,000 bytes. Total accessible capacity varies depending upon operating environment (typically 5-10% less).

<sup>†</sup> Available in USA, Canada, Italy, UK, Switzerland, Spain, Sweden, Germany, France, the Netherlands, Australia, and Hong Kong.

<sup>††</sup> For replacement or expansion of dual controller 12big Rack Fibre or Fibre 8 units needing dual I/O modules.

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Recommends



ATTO Technology, Inc.

compatible with  
**WINDOWS**

compatible with  
**MAC OS**

compatible with  
**LINUX**