



# LaCie 4big Quadra Bundle

DESIGN BY NEIL POULTON



**Power, Speed, and Flexibility**

eSATA 3Gb/s | USB 2.0 | FireWire 400 | FireWire 800

## The Ideal Configuration

Professionals have come to rely on the LaCie 4big Quadra as the most complete 4-bay RAID solution in terms of speed, data, protection, and flexibility, and with the LaCie 4big Quadra Bundle, LaCie has created the ideal configuration for digital content creators to get the fastest and most reliable performance. By including a four-port PCI-Express eSATA card to facilitate attaching two LaCie 4big Quadra together to your computer, the LaCie 4big Quadra Bundle provides a versatile and powerful RAID solution for professionals. The LaCie 4big Quadra Bundle has everything users need to do their work quickly, efficiently, and securely.

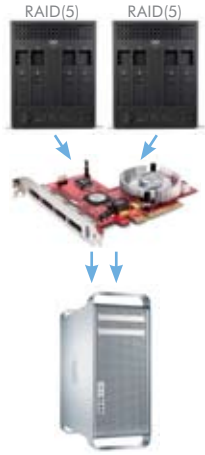
**16 TERABYTE**



- 2 LaCie 4big Quadra **8TB**
- 1 LaCie eSATA II PCI Express Card 3Gb/s – 4Ports
- 1 LaCie Rescue Kit—2TB spare drawer (with disk) and spare power supply

## RAID Flexibility

**4big Hardware RAID**

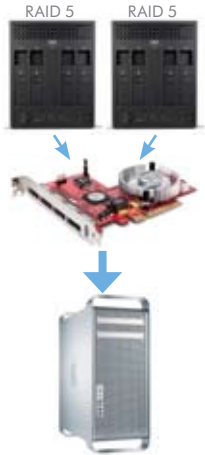


**JBOD of RAID**

**Benefits:**

- Each 4big used individually
- up to 8TB per 4big tower
- up to 220MB/s per 4big tower
- Hardware RAID configuration per 4big tower (RAID 0, 5, 3, 10, 3+SPARE, 5+SPARE)

**4big Hardware RAID 5**

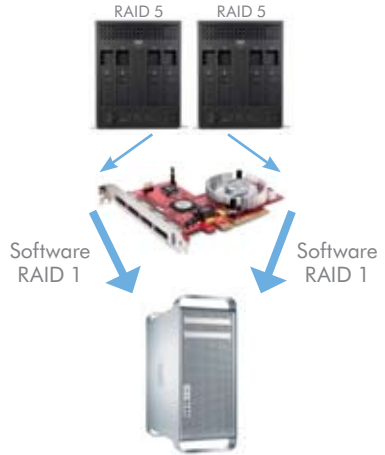


**Software RAID 0\***

**Benefits:**

- up to 12TB
- up to 400MB/s
- RAID5 disk failure protection

**4big Hardware RAID 5**



**Software RAID 1\* (Mac Only)**

**Benefits:**

- up to 6TB
- RAID 5 disk failure protection
- Software RAID 1 tower failure protection

## Lightning-Fast RAID and eSATA Speed



The LaCie 4big Quadra Bundles provide some of the best performances on the market. By including a four-port PCI-Express eSATA card to facilitate attaching two 4big Quadra together to your computer, the LaCie 4big Quadra Bundle provides a versatile and powerful RAID solution.

Each LaCie 4big Quadra can be set up in a hardware RAID 5 mode, then be combined together in a software RAID 0 mode by the host computer\*, making the bundle comparable to a RAID 50 array. This allows for enhanced disk failure protection, a greater speed of up to 400MB/s and up to 12TB capacity.



## User-Friendly Maintenance

All LaCie 4big Quadra Bundles come with the LaCie Rescue Kit, which consists of a spare drawer for your LaCie 4big Quadra, as well as a spare power supply. By providing the tools to replace a failed power supply, LaCie has ensured system efficiency for users. To preserve effective workflow, each LaCie 4big Quadra has the option to hot-swap disks when configured in a secure RAID mode (such as RAID 5), and to immediately start rebuilding the RAID protection on the spare drive. For the ultimate security and peace of mind, LaCie recommends purchasing the LaCie Advance Care Option, for maximum service and support.



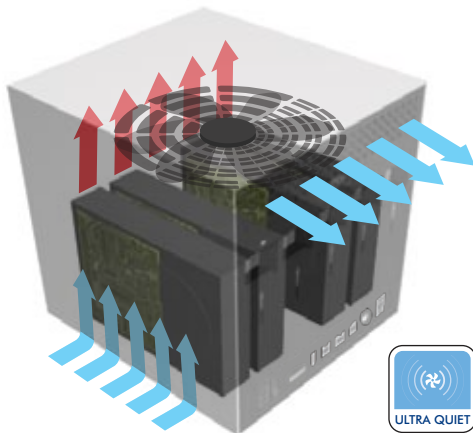
## Backup, Restore, and Recover

Offering storage capacity up to 16TB, the LaCie 4big Quadra Bundle can also be used as backup for servers. Each LaCie 4big Quadra comes with Genie Backup Manager Pro™ for Windows® and Intego Backup Manager Pro™ for Mac®. This software helps you reliably and efficiently back up your documents, emails, settings, or other digital assets. With its ease of use, scheduling and customizing backups is easy. Ideal for creative professionals, the Genie and Intego suite of programs can easily find previous versions of your documents and restore them. With computer recovery options, professionals will be able to restore their configuration and to go right back to work in the event of a disaster with their workstation.



## Designed for Your Working Environment

Created for LaCie by the world-famous product designer Neil Poulton, the sturdy, aluminum LaCie 4big Quadra has been engineered to enhance your work environment, with its stackable, versatile, and space-saving design. For the best and most reliable cooling system for the LaCie 4big Quadra, LaCie has chosen the Noctua™ and the NF-P12 fan technology, designed in Austria, and automatically thermoregulated by SMART commands. The nine-blade design and the vortex-control notches of the blower provide superior pressure and airflow performance, all at a volume fewer than 19dBA. The best-in-its-class Noctua is rated at 150,000 hours MTBF, and its ultra-quiet design makes it perfect for even the most noise-sensitive creative environment. This attention to detail allows the LaCie 4big Quadra to be from 30% (seek) to 46% (idle) quieter than traditional comparable systems\*\*.



To find out more about Noctua technology, please visit [www.noctua.at](http://www.noctua.at)

## Power Savings

Traditional RAID systems and bundles can consume a lot of power, but the LaCie 4big Quadra Bundle is different. With the LaCie 4big Quadra, consumption has been reduced by 30%\*\* compared to the previous 4-disk RAID generations. Moreover, with the "Auto" mode of the triple position power button, the LaCie 4big Quadra is able to automatically go into standby mode—synchronized with the computer activity—and reduces the power consumption by up to 80%. For maintenance, the LaCie 4big Quadra can optionally be disconnected from the computer during a RAID protection rebuild—the LaCie 4big Quadra will complete the task in standalone mode, and you can switch off your computer!



**1TB\*\*\* = 2 hours of uncompressed HD video or 70 hours of DVD or 77,500 raw photos▼**

## Features

- LaCie eSATA II PCI Express Card 3Gb/s – 4Ports
- RAID 0, 10, 3, 3+Spare, 5, 5+Spare, Concatenation
- LaCie Rescue Kit
- Sturdy aluminum design
- LaCie Shortcut Button
- Triple Power Management: Auto/On/Off
- Easy to set up: plug & play

## System Requirements

- eSATA, FireWire 800, FireWire 400, or USB 2.0 ports
- Windows XP 64bit▼▼, Windows Vista™ / Mac OS X 10.4.6▼▼ or higher
- Minimum free disk space: 600MB recommended

## Box Content

- 2 LaCie 4big Quadra
- LaCie eSATA II PCI Express Card 3Gb/s – 4Ports
- LaCie Rescue Kit
- 2 eSATA-to-eSATA (3Gb/s) cables
- 2 FireWire 800 (9-to-9 pin) cables
- 2 FireWire 400 (6-to-6 pin) cables
- 2 USB 2.0 cables
- LaCie Utilities and User Manual
  - LaCie '1-Click' Backup Software for PC or Mac
  - Genie Backup Manager Pro software with computer recovery option for Windows 2000, XP, Vista
  - Intego Backup Manager Pro software with computer recovery option for Mac OS X 10.4 and 10.5

- Bundled to provide RAID speed and security for creative professionals
- Huge capacity for backing up all of your data
- Hot-swappable, lockable disks provide non-stop data access
- Rescue Kit helps keep maintenance simple
- Recommended by Blackmagic Design for HD post production



## LaCie 4big Quadra Bundle

Item Number	301523
Capacity***	16TB
Rescue Kit	2TB spare disk drive, spare power supply
Interfaces per LaCie 4big Quadra	eSATA 3Gb/s, FireWire 800, FireWire 400, USB 2.0
Interface Transfer Rates (maximum theoretical bus speed)	eSATA 3Gb/s: up to 3Gbits/s (300MB/s) FireWire 800: up to 800Mbits/s (100MB/s) FireWire 400: up to 400Mbits/s (50MB/s) USB 2.0: up to 480Mbits/s (60MB/s)
Burst Read Transfer Rates per LaCie 4big Quadra (maximum tower speed)	eSATA 3Gb/s: 200-230MB/s FireWire 800: 80-90MB/s FireWire 400: 35-40MB/s USB 2.0: 30-35MB/s
Bundle eSATA Burst Read Transfer Rates**** (maximum configuration speed)	eSATA 3Gb/s: up to 400-420MB/s in a RAID 0 configuration of 2 x LaCie 4big Quadra in RAID 5
Rotational Speed / Cache***	7200 rpm / 4x16MB or greater per disk drive
Seek Time (Read)	< 10ms eSATA
4big Quadra RAID Modes	Easy RAID selection: RAID 0, RAID 5, RAID 5+Spares, RAID 3, RAID 3+Spares, Concatenation, RAID 10
PCI-E Card	Four external eSATA 3Gb/s connectors■
Backup Software	Genie Backup Manager Pro software with computer recovery option for Windows 2000, XP, Vista Intego Backup Manager Pro software with computer recovery option for Mac OS X 10.4
Triple Power Management	"Auto" for energy efficiency; "On" for instant access; "Off" for data protection
Individual Power Consumption**	Standby mode: 10,3W; idle mode: 34W; seek mode: 37W
Power Supply	100-240Vca; 50/60Hz
Cooling System	Ultra-quiet cooling system with self-stabilizing oil-pressure bearing technology
Individual Acoustic***	Standby: negligible; Idle: 25 to 28 dBA; Seek: 25 to 29 dBA
Individual Dimensions	178 x 220 x 196 mm / 7 x 8.66 x 7.71 in
Weight	7.1 kg / 15.7 lbs.
Warranty	4big Quadra: 3-year limited PCI eSATA card: 1-year limited

**ADVANCE  
CARE OPTION**

### Premium 3 Year Warranty

The LaCie 4big Quadra Bundle comes with a 3 Year Limited Warranty. For superior service, it also comes with an optional LaCie Advance Care Option, which can be purchased separately online within 30 days of the purchase date (one Advanced Care Option per LaCie 4big Quadra). Under the Advance Care Option, LaCie will immediately swap out the product without it needing to be returned first for minimal interruption of your workflow. LaCie covers all freight costs. Availability depends on the sales area. See [www.lacie.com/aco](http://www.lacie.com/aco) for details.

\* RAID software configuration included in Mac Disk Utility and Windows Disk Manager.

\*\* Indicative reference, when compared with the previous generation LaCie Biggest RAID tower.

\*\*\* 1TB (Terabyte) = 1000GB. 1GB = 1000MB. 1MB = 1,000,000 Bytes. Total accessible capacity varies depending upon operating environment (typically 10% less). Capacity and cache memory vary depending upon RAID mode.

▼ Calculations are based on 1080i 60 (8-bit) for uncompressed HD video, NTSC DV 25 standard-definition 720x486, 29.97 fps for digital video; and an estimation of Digital SLR resolution of 10 megapixels for RAW photos of 12MB. These calculations are only estimations and may vary with the codec used.

Indicative reference, when compared with the previous generation LaCie Biggest RAID tower.

▼ Windows XP and Mac OS X 10.4.6 do not recognize products with more than 2TB.

▼▼▼ Maximum interface transfer rate = theoretical bus bandwidth, whereas burst transfer rate = maximum drive speed. Performance depends on the RAID mode selected and burst transfer rates vary from one computer to another and may vary slightly from one drive to another. Average speed is usually lower depending on host configuration.

■ The eSATA card is a host adapter. RAID is managed by Windows and MAC host utilities.

■ These measurements are indications for one LaCie 4big Quadra and may vary by ±10%.

■ This measurement has been made under normal conditions on one LaCie 4big Quadra, 1 meter from the front of the product. It may vary with the condition and product configuration.

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