



# LaCie 2big Dual

eSATA 3Gbits & Hi-Speed USB 2.0



## Professional 2-Disk RAID



Design by Neil Poulton

### SATA II Speed & RAID Configuration

Combining a hardware RAID and SATA II 3Gbits technology in a two-drive device, the LaCie 2big Dual features professional performance and security at an affordable price. Convenient plug & play setup allows you to connect the 2big to your computer via eSATA or Hi-Speed USB 2.0 and get right to work. Windows and Mac<sup>®</sup> compatible, the 2big Dual is perfect for storing large photo libraries, backing up web servers, and for use with video editing applications.

### Enhanced Data Protection

Featuring six different RAID modes to match your specific storage needs, the LaCie 2big Dual offers ease and flexibility. Simply select your RAID level with the switch on the back, without having to make any changes on your computer. For maximum security, choose one of the three RAID 1 mirroring modes. If one drive fails in RAID 1, auto-rebuild and hot-swappable drives ensure complete security of your data.

### Ideal for Multi-stream Video Editing

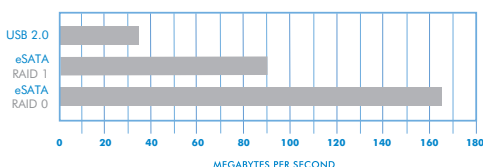
To facilitate clean, multi-stream video playback with real time effects, select FAST mode (RAID 0) for blazing-fast speed when used in combination with the latest eSATA interface. FAST mode uses the 2big's two SATA drives simultaneously to deliver maximum playback performance of 8-bit or 10-bit uncompressed SD as well as High Definition Video (HDV) or Digital Video (DV) formats.

### Superior Design

The LaCie 2big Dual's superior design is attractive, compact and allows for capacity up to 2TB. The heat sink metal design naturally draws heat away from the hard disk's internal components to help keep it cool and improve reliability. With versatile desktop configurations, such as vertical, horizontal, stacked or rack-mounted, it has a place in every work environment.

#### PERFORMANCE COMPARISON

Burst transfer rate benchmark \*\*



- Ideal for multi-stream video editing and playback
- Support for 10-bit uncompressed SD, multi-stream SD, DVCPRO HD, HDV, and DV
- 6 RAID modes for performance or security
- Automatically back up your data

## Features

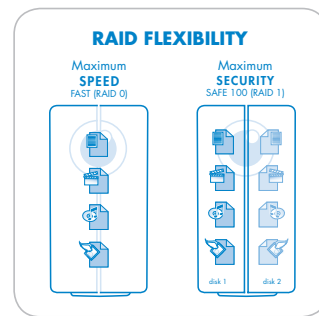
- Blazing-fast eSATA 3Gbits/s speed
- Universal Hi-Speed USB 2.0
- Hardware RAID 1 mode with auto-rebuild
- RAID 0 for maximum capacity and performance
- 2 removable SATA drives
- EMC Retrospect backup software
- Heat sink metal design for natural cooling
- Plug & play

## Box Content

- LaCie 2big Dual
- eSATA-to-eSATA cable
- Hi-Speed USB 2.0 cable
- External power supply
- CD with User Manual
- CD with EMC Retrospect Utilities
- Quick Install Guide

## System Requirements

- Computer with an eSATA port with Port Multiplier support or USB 2.0 port. LaCie recommends the use of LaCie SATA II PCI-X/Express eSATA cards - sold separately
- Windows 2000, Windows Server 2003, Windows XP, SP1 & SP2, Windows Vista™ / Intel Pentium 500MHz processor or higher
- Mac OS X 10.4 or later / Mac G4, G5, Intel 500MHz processor or higher
- Minimum 512MB RAM



RACKMOUNTED



2 SWAPPABLE DISKS

### LaCie 2big Dual

Item Number	301251	301252	301253
Capacity*	1TB	1.5TB	2TB
Interface	1 x eSATA port (rugged); 1 x Hi-Speed USB 2.0 port (USB 1.1-compatible)		
Interface Transfer Rates (maximum bus speed)	eSATA: up to 3Gbits/s (300MB/s); Hi-Speed USB 2.0: up to 480Mbits/s (60MB/s)		
Burst Transfer Rates** (maximum drive speed)	Up to 145-165MB/s with eSATA; Up to 30-35MB/s with Hi-Speed USB 2.0		
Rotational Speed/Cache	7200rpm / 1TB & 1.5TB: up to 32MB (2x16MB) or greater; 2TB: up to 64MB (2x32MB)		
Seek Time (Write)	<10 ms		
RAID Modes	<ul style="list-style-type: none"> <li>• SAFE 100: data is automatically duplicated to each drive (available capacity 50%) for maximum security (RAID 1)</li> <li>• BIG: 2 disks are merged together (available capacity 100%) for maximum capacity (concatenation)</li> <li>• FAST: data is allocated simultaneously to each drive (available capacity 100%) for maximum speed &amp; capacity (RAID 0)</li> <li>• SAFE 50: one SAFE volume (25% capacity) for critical data &amp; one BIG volume (50% capacity)</li> <li>• SAFE 33: one SAFE volume (16% capacity) for critical data &amp; one BIG volume (67% capacity)</li> <li>• JBOD: 2 disks work independently for maximum flexibility (available capacity 100%)</li> </ul>		
Cooling System	Thermoregulated, linear, quiet smart fan; heat sink metal design for natural cooling		
Driver-free	Windows 2000, Windows Server 2003, Windows XP, Windows Vista™ / Mac OS X 10.4 or later		
Dimensions	91 x 200 x 172 mm / 3.5 x 7.8 x 6.7 in.		
Weight	2630 g / 5.8 lbs.		
Operational Temperature	41°-95° F / 5°-35° C		
Software	EMC® Retrospect® Express advanced backup & data restore (Mac) EMC® Retrospect® Express HD advanced backup & data restore (Windows)		
Warranty	3 years limited		

\*1TB (Terabyte) = 1000GB. 1GB = 1,000,000,000 bytes. Total accessible capacity varies depending upon operating environment (typically 5–10% less). Capacity also varies depending upon RAID modes. BIG, FAST and JBOD = total accessible capacity; SAFE 100 (RAID 1) = 50% capacity; SAFE 50 (RAID 1) = 75% capacity; and SAFE 33 (RAID 1) = approximately 83% capacity.

\*\*The greatest eSATA burst transfer rates were found in JBOD with RAID 0 software (rates are lower in other RAID modes). Performance depends on the RAID mode. 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.

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USB 2.0

compatible with  
WINDOWS

compatible with  
MAC OS

