



# LaCie d2 eSATA II 3Gbits Hard Drive

320GB, 500GB



d2 Design by Neil Poulton

**Unmatched Speed  
Up To 3Gbits/s**

## High Capacity Meets High Performance

Available in a variety of high capacities up to 500GB, the new LaCie d2 eSATA II 3Gbits provides the fastest high-bandwidth interface transfer rate available at 3Gbits/s. This storage solution is engineered for professionals working with data intensive storage applications requiring the highest speeds. Perfect for digital audio/video editing and enterprise servers, this easy-to-use drive is the ultimate upgrade for your multimedia workstation.

## Ride the Fastest Wave: SATA II

Serial Advanced Technology Attachment (SATA) II marks the highest rung on the evolutionary ladder of SATA technology. SATA II 3Gbits can deliver data at 300MB/s—twice as fast as its SATA predecessor and more than twice as fast as Parallel ATA/IDE. This advantage makes it ideal for speed demanding users, especially when using several d2 eSATA II 3Gbits drives in RAID 0. SATA II technology boasts easy installation and configuration, improved reliability, a simplified structure, seamless integration and improved cable and external eSATA connectors.

## The Choice for Audio/Video Pros

Because of the increased bandwidth provided by the SATA II interface, this drive is well suited for a variety of professional applications, including large-scale backup, video editing and powering RAID 0 and RAID 1 projects. With a data transfer rate of up to 80-90MB/s, it's perfect for high-end video workstations, and small server and network environments. It also features rotational speeds of up to 7,200 rpm and a 16MB cache size, making it one of the fastest, most advanced storage solutions available for digital video professionals.

## Expert Design for Expert Use

This drive's design naturally dissipates internal drive heat—drawing it away from the internal drive toward the external casing, keeping it safe and prolonging its life and reliability. This feature allows the 320GB drive to operate safely and quietly without a fan. The 500GB drive comes with an advanced "smart fan" that runs on the quietest setting possible to minimize noise. Offering versatile configuration, it can be stacked, stood upright or rack-mounted to save desk space.



- Blazing-fast native 3Gbits/s SATA II bus speed
- Up to 500GB capacity, 7200 rpm
- Up to 3Gbits/s—Twice as fast as SATA interface
- Perfect for professional audio/video editing

## Features

- Rugged external SATA connector
- Can operate as a bootable\*\* disk
- Sturdy aluminum casing
- Advanced, safe heat-dissipating design
- Fan-free (320GB); "smart fan" (500GB)
- Ultra-quiet operation
- Stack, rack, or stand upright

## Box Content

- LaCie d2 eSATA II 3Gbits Hard Drive
- LaCie Storage Utilities CD-ROM with User Manual
- Quick Install Guide
- LaCie '1-Click' Backup Software
- Silverkeeper™ Backup Software
- SATA II 3Gbits 1m cable
- Drive stand for upright desktop use
- External power supply

## System Requirements

- Computer with SATA 3Gbits host adapter featuring eSATA external port (backward compatible with SATA I 1.5Gbits\*\*\*\*)
- Windows® 2000, Windows® XP, Windows® Server 2003, Windows® Vista; 350MHz processor or higher
- Mac® OS 10.3 or later; G4/G5/PowerPC 500MHz or Mac Intel processor or higher
- Minimum 128MB RAM (512MB or greater recommended)

Capacity availability varies from region to region.  
Please visit [www.lacie.com](http://www.lacie.com) for up-to-date information.



### LaCie d2 eSATA II 3Gbits Hard Drive

Item Number	301241	300976
Capacity*	320GB	500GB
Fan	fan-free	smart fan
Interface	1 x SATA 3Gbits port	
Interface Transfer Rate	up to 3Gbits/s per bus (300MB/s)	
Data Transfer Rate	up to 80-90MB/s	
Rotational Speed	7200rpm	
Cache	8MB or greater	16MB or greater
Average Seek Time	<9ms	
Dimensions (WxHxD)	6.3 x 6.82 x 1.734 in / 160 x 173 x 44 mm	
Weight	3.31 lbs / 1500 g	
Warranty	3 years limited	

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

\*\*SATA functionality requires a SATA PCI card with external connector. To take advantage of the bootable feature, the LaCie d2 eSATA II 3Gbits drive must be formatted as a bootable drive in accordance with the operating system being used. The computer must also include a BIOS or a SATA PCI card, such as the LaCie SATA+POWER PCI Card, which supports bootable functionality with an external hard drive.

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