



LaCie 12big Rack Network



The Ultimate Corporate File-Sharing Solution.

Network-Attached and Block Storage up to 96TB

Customizable. Robust. Enterprise Class.

Network-Attached Storage Just Got 12 Times Better.

A Complete Network Storage Solution

With room enough to store up to 96TB of data in an accessible, expandable, reliable 12-disk storage solution, the LaCie 12big Rack Network provides a way to get both block and network-attached storage in just one box. It supports six RAID modes (RAID 0, 1, 5, 6, 10, and 50), offers full redundancy on almost all hardware elements, and features dual 1Gb/s Ethernet connections. With many customizable features, including support for 500+ users, this high-powered, full-featured storage solution is the ideal addition to any corporate network or branch office.

Scalability Without Tradeoff

Powered by a hardware RAID controller that pulls away resource-demanding RAID parity calculations from the processor, it can easily scale up without affecting performance and still guarantee the same level of data protection. If you run short on storage, just connect up to three 12big Rack Serials through the Mini SAS expansion port to instantly quadruple the number of drives. The XOR engine can manage the extra RAID calculations, and the Xeon processor can successfully handle the increasing number of file serving requests, guaranteeing a successful scaleup in storage and users without a drop in performance.

Mac® Compatibility

The 12big Rack Network offers full Macintosh compatibility, resolving any file sharing problems in mixed architecture. You can directly store data on the 12big Rack Network using AFP protocol. Additionally, it supports Active Directory and single sign-on, automatic reconnect, long passwords, specific Macintosh file naming policies, and quick file searching (including full content searching) with Network Spotlight, all with minimal impact on server performance. An innovative Time Machine® capability provides self-service backup for Mac clients with adjustable quotas on the amount of backup space used for individual users. With the 12big Rack Network, IT professionals finally have the ability to integrate Mac computer into Windows-based infrastructure efficiently and effectively.

Rock-Solid Components

With its hardware RAID controller, its Quad-Core Intel Xeon processor, server-class motherboard, and enterprise class drives, it successfully stores and protects your business-critical data. In addition, we test every single enclosure for 24 hours prior to being shipped, so you can be assured that you're receiving the highest quality storage, helping your data stay safe and secure.

Flexible and Adaptable

The LaCie 12big Rack Network can serve as a file or block sharing appliance. It supports both SMB and NFS file protocols, it can be used as an iSCSI target. With its two Ethernet ports and highest-grade components, it can successfully share critical files while also successfully functioning as a dedicated, direct-attached storage device that can be part of an IP SAN or an iSCSI target for applications that demand high bandwidth.

An Enterprise-Level OS

The LaCie 12big Rack Network is powered by Windows® Storage Server 2008 Standard Edition. Among its many great features on the file level is Single Instance Storage (SIS), which provides data deduplication. With SIS, your organization can get up to 40% of its existing disk space back, so you've got less data to back up, which in turn increases backup speeds.

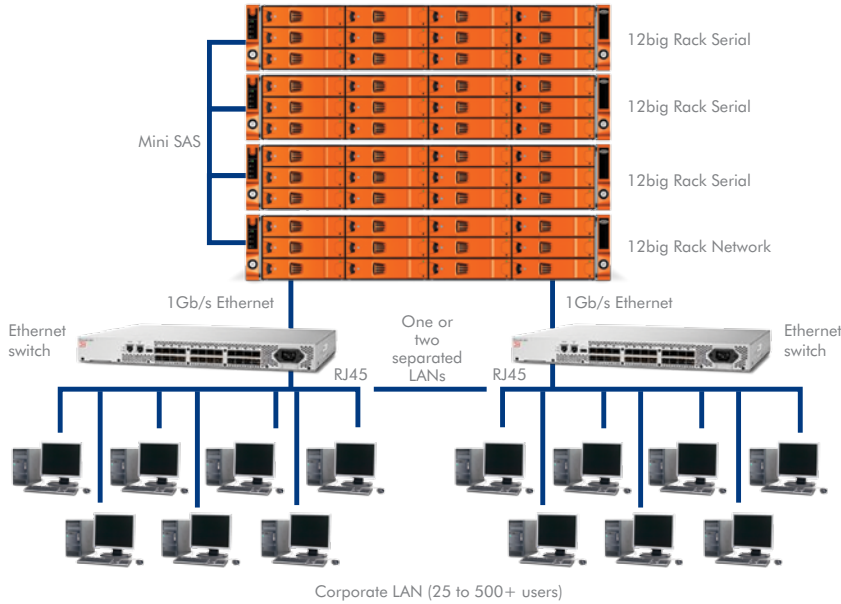
Redundant and Reliable

The LaCie 12big Rack Network's multiple redundant fans and power supply can be replaced on the fly. In addition, the OS is stored on two RAID 1-protected drives for complete redundancy and easier maintenance. The 12big Rack Network's hardware RAID controller and its XOR engine also provide extremely fast RAID initialization and rebuild time, resulting in the 12big Rack Network's improved reliability.

- Windows Storage Server 2008 Standard Edition pre-installed
- Full AFP and Time Machine compatibility for up to 250 Mac users
- iSCSI targets for block sharing over IP SAN
- High component reliability and hardware redundancy built-in
- Superior performance with a hardware XOR RAID engine



Case Studies: How the 12big Rack Network Can Work for You

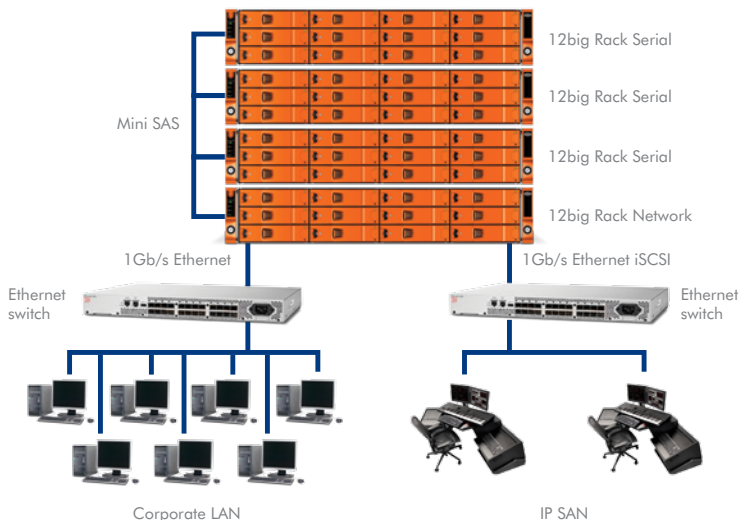
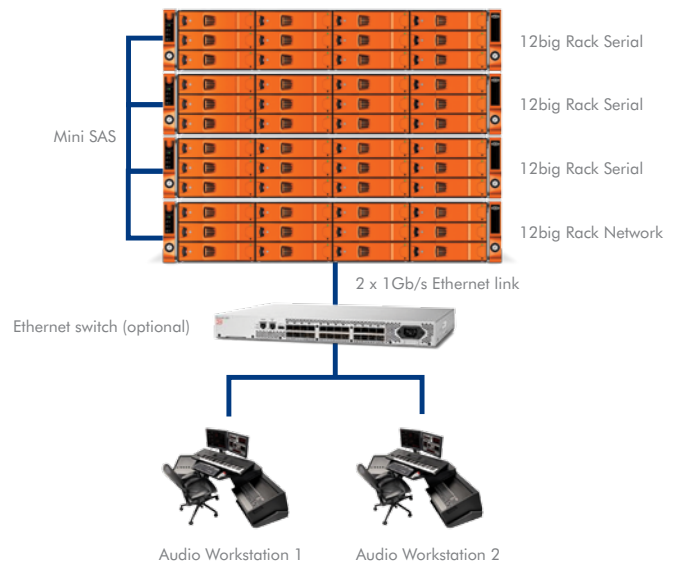


Case 1: Corporate NAS

- 1 x 12big Rack Network expanded in capacity by 3 x 12big Rack Serials
- 2 x 1Gb/s Ethernet connections to either one or two separated corporate LANs
- Files shared between workstations through SMB and NFS

Case 2: IP SAN

- 1 x 12big Rack Network expanded in capacity by 3 x 12big Rack Serial
- 2 x 1Gb/s Ethernet connections to two audio workstations for performance through iSCSI
- Block level data access



Case 3: File and Block Sharing

- 1 x 12big Rack Network expanded in capacity by 3 x 12big Rack Serial
- 1 x 1Gb/s Ethernet connection to the corporate LAN
- 1 x 1Gb/s iSCSI connection to 2 audio workstations
- Files shared through SMB and NFS on the corporate LAN for wide and easy file sharing
- Block level access through iSCSI for guaranteed superior performance.

Box Content

- LaCie 12big Rack Network enclosure with pre-installed Windows Storage Server 2008 Standard Edition
- 2 x Ethernet cables
- Rack rail mounting kit
- UK/EU/US power cords
- 12 x Enterprise Class SATA drives
- Quick Install Guide
- Installation CD-ROM with User Manual
- Windows Storage Server 2008 Standard Edition recovery CD



LaCie 12big Rack Network Accessories:

Accessory Name	Item #	Description
1TB Spare drive	131023	1TB LaCie 12big Rack Network Enterprise drawer
2TB Spare drive	131024	2TB LaCie 12big Rack Network Enterprise drawer
Cooling unit	131026	LaCie 12big Rack Network rescue cooling unit
Power supply	131027	LaCie 12big Rack Network rescue power supply
12big Rack Serial	131000	6TB LaCie 12big Rack Serial to expand the 12big Rack Network
12big Rack Serial	131001	12TB LaCie 12big Rack Serial to expand the 12big Rack Network
12big Rack Serial	131002	24TB LaCie 12big Rack Serial to expand the 12big Rack Network

ADVANCE CARE OPTION

LaCie Advance Care Option

Because LaCie develops storage solutions that meet both the performance and security needs of professionals, we also offer complete product support and a range of services that ensure maximum peace of mind for the customer. Our LaCie Advance Care Option underscores LaCie's commitment to providing service and support that adds value to your investment.

A LaCie Advance Care Option is the ultimate time-saving solution, helping you get back to work and secure your data faster. Once a Technical Support representative determines that your product needs to be replaced, LaCie will ship you a replacement product immediately. You do not need to pay any freight costs, or even send us your drive first. With our suite of 12big products, the LaCie Advance Care Option comes standard.

LaCie 12big Rack Network

Item Number	131020	131021	131022
Capacity*	6TB	12TB	24TB
Data Drive Bays	Serial ATA (SATA) hot pluggable		
Hard Disk Drives	3.5" SATA Enterprise Class for the 12 data drives, two 2.5" SATA boot drives (internally mounted)		
Processor	Intel Quad-Core Xeon Harpertown E5410 2.33 GHz CPU		
Memory	2GB DDR2-667 PC2-5300 FBDIMM		
Memory Type	Fully buffered DIMM technology memory DDR2-533 and DDR2-677 FBDIMMs		
DIMM Slots	8 240-pin FBDIMM sockets		
Enclosure Controller	On-board Vitesse VSC410 micro-controller		
Network Protocols	NFS, SMB, iSCSI		
OS Support	Red Hat Enterprise Linux 4.0; Microsoft Windows Storage Server 2003; Microsoft Windows Server 2003 Enterprise Edition; Microsoft Windows Server 2003 Standard Edition; Microsoft Windows Unified Data Storage Server 2003		
Front Panel Buttons and LED	Power button, Reset button, ID button, Power LED, Fault LED, ID LED		
I/O Connectors	1x 5-pin Mini USB		
Back Panel Buttons	ID button		
Input/Output PCI	2 PCIe x8 slots, 2 PCIe x4 slots, 2 PCI-X slots		
USB	Four USB 2.0-compatible connectors (rear)		
Serial Ports	One DB9 9-pin connector (rear)		
Video Port	One standard VGA-compatible 15-pin connector (rear)		
LAN Port	Two 10/100/1000 Mb RJ-45 (rear)		
Other	One PS2 mouse/keyboard		
Chassis	2U rackmount chassis , supports low-profile PCI add-in cards only		
Dimensions	Height: 87.9 mm (3.46") 2 EIA Units Width: 447 mm (17.6") IEC Rack Compliant Depth: 707 mm (27.83")		
Weight	20kg (44lbs) without drives; 30kg (66lbs) with drives		
Rack Support	Rail mount, compatible with four-post rackmount only		
Cooling System	Chassis includes ten hot-swappable redundant system fans for cooling the hard drives, mother-board and PCI cards		
Power Configuration	850 W continuous, 1+1 redundant power supplies		
Environment Ambient Temperature	Operational: 5°C to 35°C Non-operating: 1°C to 50°C		
Relative Humidity	Non-operating: 8% to 80% non-condensing		
Acoustics	< 7.0 dBA (rackmount) in an idle state in a normal office environment (23°C)		
Electrostatic Discharge	15 KV per Intel test specification		
Safety Compliance	Argentina: IRAM, Canada: UL60950 – CSA (60950 (UL and cUL), China: GB4943 – CNCA Certification Europe, CE Mark: EN60950 (complies with 73/23/EEC), Germany: GS License, International: IEC60950 (CB Report and Certificate), Nordic countries: EMKO-TSE (74-SEC) 207/94, Russia: GOST 50377-92, United States: UL– 60950 – CSA 60950 (UL and cUL)		
Electromagnetic Compatibility (Class A) (EMC)	Australia/New Zealand: AS/NZS 3548 (based on CISPR 22), Canada: ICES-003, Korea: RRL, MIC 1997-41 and 1997-42, Russia: GOST 29216-91 and 50628-95, Taiwan: CNS13438, United States: FCC, Part 15 RoHS European Directive: 2002/95/EC		
Warranty	3 years on enclosures, 5 years on disks		

*1TB= 1000GB. 1GB = 1000MB. 1MB = 1,000,000 Bytes. Total accessible capacity varies depending upon operating environment (typically 15% less). Capacity and cache memory vary depending upon RAID mode.

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