



# LaCie 5big Storage Server

DESIGN BY NEIL POULTON



**Professional File-Sharing Appliance  
for Small and Medium Businesses**

10TB\* | Dual Gigabit Ethernet | PC • Mac • Linux

## Enterprise-Level Desktop File Server

The 5big Storage Server is a professional desktop file-sharing server for small to medium-sized office environments. It is designed to manage demanding file-sharing activities for 25 to 100 PC, Mac®, or Linux workstations, even though it can manage more. The 5big Storage Server also offers seamless, transparent integration into any SMB IT infrastructure thanks to Active Directory support.

## Rock-Solid Components

The 5big Storage Server's all-star system comprises a Hyper-Threaded Dual Core 64-bit Intel® ATOM™ processor and 2GB of RAM, which delivers lightning-fast data processing for truly seamless file serving. Powered by Microsoft Storage Server 2008® Standard Edition, the user interface offers a familiar environment which can be accessed from any workstation. Additionally, you can take advantage of its dual Gigabit Ethernet ports to do link aggregation.

## A Vault for Your Data

Thanks to its five RAID-protected disks, data stored on the 5big Storage Server is accessible even if one disk fails. Support for RAID levels 0, 1, and 5 gives you the flexibility to optimize storage for speed, data protection, or both. The 5big Storage Server even supports Microsoft's BitLocker® encryption to protect your data against theft. You can also use the 5big Storage Server as a backup target for your PCs, Linux workstations, and even Macs since it is Time Machine® compatible.



- Up to 10TB\* file sharing and iSCSI appliance for SMB and branch offices
- Powered by a Dual Core 1.6GHz Intel® Atom™ processor
- Includes Windows® Storage Server 2008 Standard Edition
- Compatible with Windows, Mac®, and Linux
- RAID protection, data deduplication, file remote replication, built-in backup engine
- Full support for Mac including AFP, Time Machine®, and Spotlight®
- Up to 100MB/s data transfer rate

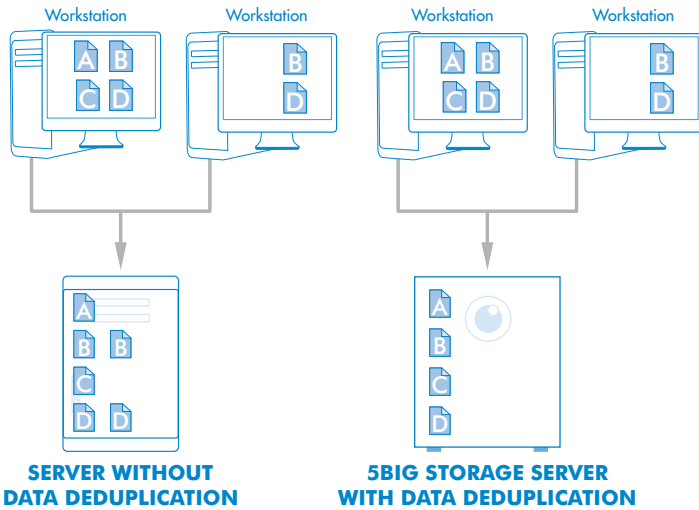


## Minimum System Requirements

- Computer with an Ethernet network adapter
- Latest version of Windows XP, Windows Vista®, Windows 7 for administration and SMB connections Mac® OS X 10.4, 10.5, 10.6 / Linux 2.6 for SMB connections only
- Ethernet switch or router\*

## Box Content

- LaCie 5big Storage Server
- Ethernet cable
- External power supply
- DVD-ROM for Server Restore
- CD-ROM for Multi Language Kit
- Getting Started Guide
- Drawer key



## Huge, Efficient, and Scalable Storage

Thanks to its five disks, the 5big Storage Server offers up to a huge 10TB of capacity. Since disks are hot-swappable, you can perform maintenance without affecting your workflow. Additionally, simply connect external hard drives through USB and eSATA connections to scale up capacity or use the integrated backup engine to protect the server's data. The 5big Storage Server also features data deduplication to limit the ever-rocketing quantity of unstructured data generated by a high number of users. This function optimizes storage space by ensuring that only a single instance of a file is stored on the server.

## Advanced Sharing and Data Replication

The 5big Storage Server integrates both DFS-N and DFS-R features for advanced sharing and data replication. DFS-N aggregates shared folders from multiple servers, creating a single entry point to your data and simplifying network complexity. In addition, by automatically replicating data from one file server to several others, DFS-R makes 5big Storage Server the ideal solution for branch offices.

## File Serving Anywhere

For a full range of accessibility, the 5big Storage Server supports major network protocols such as SMB, AFP, NFS, and iSCSI. Thanks to this compatibility, you can access your data from any computer on the network (PCs, Macs, or Linux). Additionally, HTTP and FTP accessibility means that your data can be accessed from anywhere and shared with your suppliers and customers. iSCSI support allows you to mount the 5big Storage Server's shares as a local disk, bringing performance and flexibility for your business applications.

## Environment- and Desktop-Friendly

Despite its high performance, the 5big Storage Server offers eco-friendly features. Its casing is made from fully recyclable aluminum, and while RAID systems can consume a lot of power, the 5big Storage Server power supply is rated at an amazing level V. Through the Microsoft Storage Server interface, you can choose low power usage profiles in order to strike a balance between data availability and power use. Additionally, the LaCie 5big Storage Server houses an ultra-quiet Noctua fan, allowing you to place the product wherever you choose – including on a desktop.



**ADVANCE  
CARE OPTION**

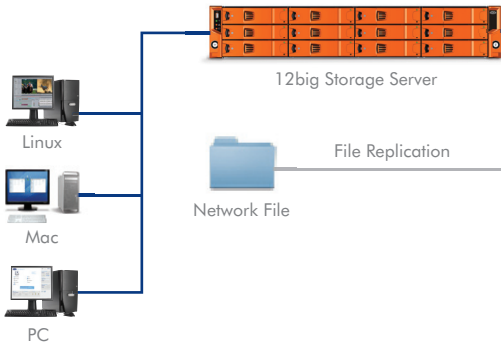
## Premium 3-Year Warranty

The LaCie 5big Backup Server comes with a 3 Year Limited Warranty. For superior service, it also comes with an optional Advance Care Option, which can be purchased separately online within 30 days of the purchase date. 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](http://www.lacie.com) for details.

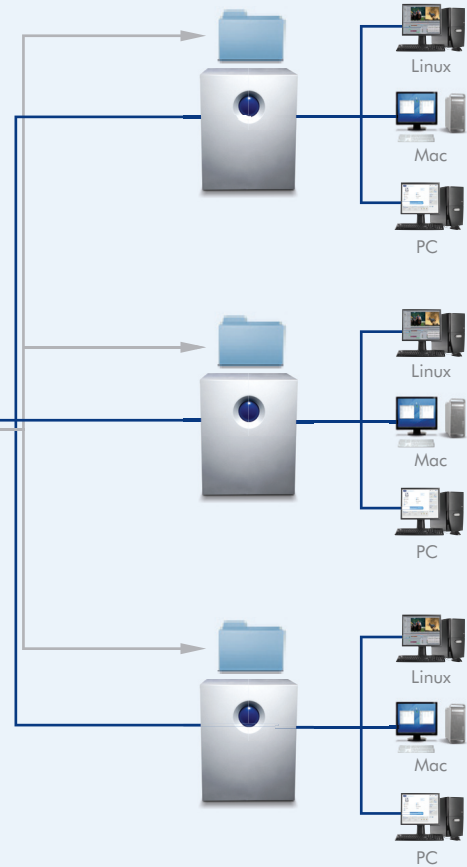
# Case Study

## Branch Office Use Case

- Network
- DFS-R File Replication



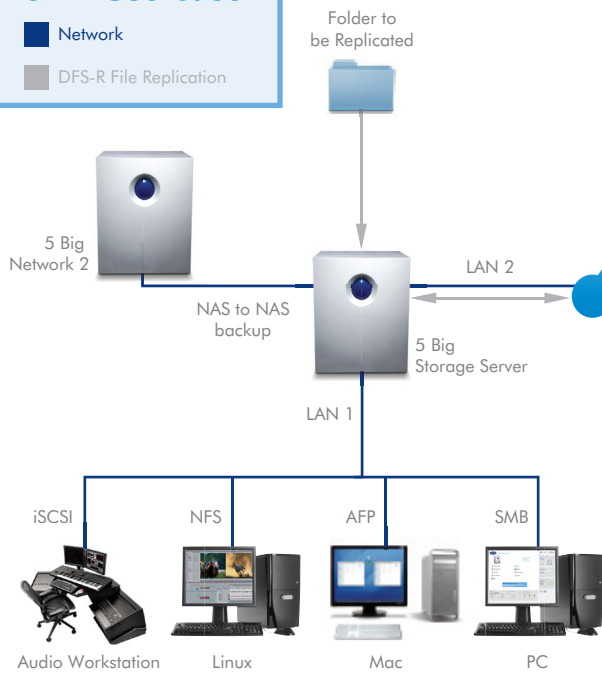
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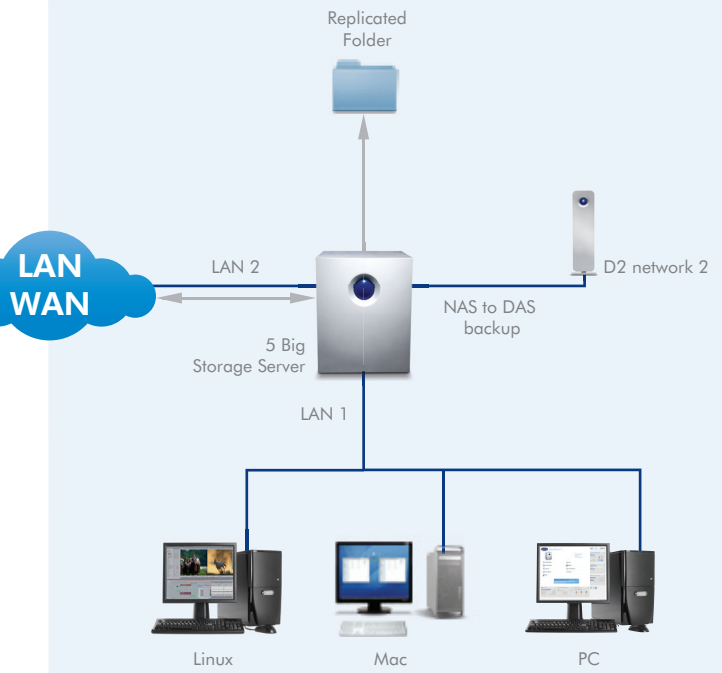
BRANCH

## SMB Use Case

- Network
- DFS-R File Replication



> 100 USERS



> 100 USERS

## LaCie 5big Storage Server

Item Number	301532	301533
Capacity*	5TB	10TB
Interface	2 x Gigabit Ethernet 10/100/1000 Base-TX	
Expansion Ports	1 x eSATA 3 x USB 2.0 (type A) 1 x VGA	
RAID Modes	Software: RAID 0**, RAID 1/5/5+ Spare (hot-swappable) Independent Multi RAID volumes	
Operating System	Windows Storage Server 2008 SP2 Standard Edition Includes Microsoft .NET Framework	
Network Services	File Server: SMB, FTP, HTTP, AFP, NFS DHCP, DNS, SMTP, Web, Print, Fax, Application server, Spotlight® Support Telnet, IPv6, iSCSI, IPP, iSNS, SNMP	
Remote Network Transfer Applications	Server to Server synchronization (DFS-R) Background Intelligent Transfer Service Remote Desktop Services	
Administration	Native integration with Windows domains (Active Directory) Remote desktop administration Public/Private Shares with Quota management Unlimited number of users	
Backup Solutions	Advanced backup and restore of server running Windows Server 2008 Volume Shadow Copy Service (VSS) and block-level backup technology Support of optical media and removable media	
Special Features	Distributed File System (DFS-N & DFS-R) Time Machine® compatible SharePoint® services*** BitLocker® drive encryption Enhanced search indexing Hyper-V™ compatible BITS server extension Offline Files Native iSCSI target Single Instance Storage	
Environment and Power	Advanced power management options Energy-efficient process with Level 5 power supply Recyclable: Aluminum, ROHS compliant	
Cooling System	Ultra-quiet cooling system with self-stabilizing oil-pressure bearing technology	
Dimensions (W x D x H)	173 x 196 x 220 mm / 6.8 x 7.7 x 8.6 in.	
Weight	7.62 kg / 16.8 lbs.	

### LACIE 5BIG STORAGE SERVER ACCESSORIES

Accessory Name	Item #	Description
Spare drive	301364	LaCie spare 1TB 5Big drive with drawer
Spare drive	301457	LaCie spare 1.5TB 5Big drive with drawer
Spare drive	301467	LaCie spare 2TB 5Big drive with drawer
Power supply	714111	LaCie 5Big Backup Server rescue power supply

\* EN 1TB (Terabyte) = 1000GB. 1GB = 1,000,000,000 bytes. Total accessible capacity varies depending upon operating environment (typically 10–15% less).

\*\* Hot-swapping is not available in RAID 0.

\*\*\* Available for download from the Microsoft website.

\*Gigabit recommended to get the best performances

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