

# LinkStation™ 441D

## Network Attached Storage

**BUFFALO**™

LS441D-EU

# All Your Data Accessible and Secure

Buffalo™ Technology's new LinkStation™ 441D series is a complete network storage solution for small business and home office with potentially huge capacity and great flexibility. Buffalo's new NAS is a 4 bay customisable storage solution that comes with Buffalo's free and private personal cloud keeping your data both accessible and secure.

The LS441D is ready for intensive data storage tasks and when fully populated, users can choose from multiple levels of RAID support for customised capacity and redundancy according to their specific needs.

And no matter where you go, all your data is accessible from any web browser or with Buffalo's free apps for Android®, iOS, and Windows® Phone. And with Buffalo's Private Cloud solution users' data stays protected in the physical location of the device – not off-site in a third party's data centre.

Back at home, Buffalo's new LinkStation™ is DLNA compatible, and Twonky Beam-ready, and can stream multiple HD films simultaneously allowing each family member to watch their favourite film, on their own device, at the same time. The LS441 can also stream high-end DSD audio files without losing quality.

The LS441D is also mobile-friendly and can even be set up via smartphones with a new mobile-optimised and intuitive interface.

Securely store, share, and save all your data with Buffalo™ Technology's LS441D series available as a diskless enclosure or fully populated with 4, 8, 12, or 16TB capacity.



LS441D-EU

## Features and Benefits

- 4 bay NAS for performance, reliability, and huge capacity
- High-quality metal chassis and new sleek design
- Perfect for small businesses and home offices
- High-performance Dual Issue CPU:  
Marvell Armada 370, 1.2GHz, ARMv7, 512MB DDR3 RAM
- Available as a diskless enclosure or fully populated with 4, 8, 12, or 16TB capacity
- Multiple levels of RAID support for customised capacity and data redundancy
- Active Directory support and Email Notifications
- DLNA media server and Twonky Beam-ready to take control of all your media
- Provides a central location and sharing capability across your network for growing media libraries including iTunes®
- 5 licenses of award-winning NovaBACKUP® software included for PC
- UPS support and Sleep Timer functionality
- Time Machine® compatible and ready for multi-client Mac backups
- Data easily accessible from anywhere via Buffalo's WebAccess Private Cloud solution and Mobile apps or web browsers
- Share your printer among multiple users and devices
- New easy-to-use mobile-optimized interface
- 2 year warranty



## Specifications

System	
CPU	Marvell ARMADA 370, 1.2GHz ARMv7 Dual Issue
RAM	DDR3 512MB
Performance	100+ MB/s
Internal Hard Drives	
Number of Drives	4 (2.5" or 3.5")
Drive Interface	SATA 2 or 3, 3 Gb/s
Hard Drive Capacities	1, 2, 3, 4TB
Total Capacities	0, 4, 8, 12, 16TB
Supported Operation Mode	RAID 0, 1, 5, 10 and JBOD
Interfaces	
LAN	
Standard Compliance	IEEE802.3ab / IEEE802.3u / IEEE802.3 Standard
Connector Type	RJ45
Number of Ports	1
Data Transfer Rates	10/100/1000 Mbps
USB	
Standard Compliance	USB 2.0, USB 3.0
Connector Type	USB Type A
Number of Ports	1 x USB 2.0, 2 x USB 3.0 (1xfront)
Data Transfer Rates	USB 2.0 480Mbps/ USB 3.0 5Gbps
Protocol Support	
Networking	TCP/IP
File Sharing	SMB/CIFS, FTP, HTTP/HTTPS, AFP, BitTorrent™
Management	HTTP/HTTPS
Time Synchronisation	NTP
Other	
Supported OS	Windows 8/8.1 (32/64 bit), Windows 8/8.1 RT, Windows® 7 (32/64 bit), Windows® Vista™ (32/64 bit), Windows® XP, Windows® XP Media Center Edition 2004/2005, Windows Server® 2008/2012 (32/64bit), Mac® OS X 10.6 or later, Android® 2.3 or later, iOS 5 or later, Windows® Phone 7.5/8
Software	NovaBackup Professional (bundled), Twonky DLNA/UPnP media server, WebAccess, BitTorrent client, TimeMachine Backup support, Bonjour
Dimensions (W x H x D)	177 x 127.5 x 227 mm
Weight	2.3 kg (empty enclosure) 5.4 kg (fully populated)
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Operation 28 W / Idle 22 W / Sleep 7 W (averages for fully populated versions)
Power Supply	External, AC 100-240V, 50/60Hz, UPS supported

**Product Codes**

LS441DE-EU  
 LS441D0404-EU  
 LS441D0804-EU  
 LS441D1204-EU  
 LS441D1604-EU



## About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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