

LS441DE

The LinkStation Network Attached Storage (NAS) is an incredibly powerful yet convenient way to link and manage data stored on computers, smartphones, tablets, and other devices. Easy to set up and use, the LinkStation features massive storage and is packed with convenient features for transferring files, streaming content, adding disks, backing up and protecting data, and more.

■ WebAccess: External HDD for almost all mobiles in your house

The LS441DE diskless enclosure model allows users to construct RAID arrays using drives with their preferred storage capacities. With newer model smartphones and tablets featuring higher resolution cameras, these files can quickly fill up a mobile device's storage. Downloading WebAccess to the portable device makes it easy to transfer, save, and access files not only on the drive and home network, but also over the mobile network. The LS441DE works as a remote external HDD that can be accessed from anywhere, freeing up storage on mobile devices and increasing smartphone and tablet capacity.



Giga 1000BASE-T	4 Drive	Quick-Swap Drives	PC Mac®
Time Machine™ Support	USB 2.0	USB 3.0	3 YEAR WARRANTY

■ Ultra-fast personal cloud storage

With the latest-generation processors and technologies, the LinkStation achieves data transfer speeds of 80 MB/s or more (when DLNA feature is switched off; default DLNA setting is "Off"). Experience fast copies and videos, streamed content, and more, without the stalls or hiccups.



Faster Transfer Speeds!	
LinkStation 441 (Gigabit Ethernet)	2.8X FASTER more than 80 MB/s
Standard USB 2.0 Hard Drive (Buffalo HD-LBU2)	27.6 MB/s
Standard NAS Device (Buffalo LS-WXL)	24.5 MB/s

Test Environment
 CPU: Intel® Core™ i3-2100 Motherboard: Intel® DH77KC
 Memory: 2 GB OS: Windows® 7
 Benchmarking program: NASPT Version 1.71 (File Copy To NAS),
 CrystalDiskMark Version 3.0.2a (Sequential Write)
 ▼ Increase in transfer speed varies depending on the number and size of files, type of access and PC environment.

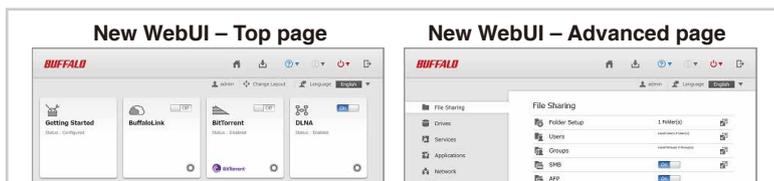
■ Interoperability with multiple devices

In addition to the WebAccess app, the LinkStation can connect with DLNA-supported TVs and consoles to search and play movies stored on the NAS. Use the Twonky Beam app to forward movies to TVs and big screens supporting DLNA (DMR). Files are accessed just like they are on a computer. BitTorrent, which speeds transfers by distributing large amounts of data over the Internet, can be used anywhere, anytime, and doesn't even require a computer by using "BitTorrent Remote" Android app. USB projectors, displays, and other USB devices easily just connect them and they are ready to use through the network.



■ Simple UI also provides advanced control

Setting up new devices and new interfaces can be a hassle. The tile-based user interface uses icons, so navigating these processes is easy and fast. Users can also call up the advanced page to make custom settings to the parameters.



Features

- Huge storage, up to 16 TB, diskless enclosure model
- Latest processors for ultra-high data transfer speeds
- Remote control from smart devices, including media content (Android/iOS) and BitTorrent (Android)
- Simple WebUI interface and apps
- Supports multiple formats, no reformatting required for external HDDs and SDXC flash memory
- Plug & Play USB connectivity, no drivers or settings needed
- USB3.0 external hard drive support
- Print Server
- DSD high-resolution audio support via DLNA
- 5 licenses of NovaBACKUP Professional
- USB Device Server
- 3-year warranty

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Specifications

Internal Hard Drives

Number of Drives	4
Drive Interface	SATA II
Supported RAID Levels	0, 1, 5, 10, JBOD (Normal)
Drive Capacity	LS441DE Enclosure

LAN Interface

Standard Compliance	IEEE802.3/3u/3ab
Speed and Flow Control	10/100/1000 Mbps (Auto Sensing)
Number of Ports	1 x RJ-45 (Auto MDIX)

USB Interface

Standard Compliance	Front: USB3.0 / Rear: USB2.0, USB3.0			
Connector Type	A type			
Number of Ports	1 x USB2.0 / USB3.0 x 2			
Feature	Hard Drive	✓	UPS	✓
	Direct Copy	✓	Speaker	-
	Print Server	✓	Data Card	-

Key Feature

DLNA Server	✓	Time Machine	✓
WebAccess	✓	iTunes Server	✓
BitTorrent Client	✓	Energy Save	✓
Support both 3.5" and 2.5" HDD/SSD	✓	FTP Server	✓
MySQL	-	Active Directory Support	✓
PHP	-	Smartphone Application	✓

Protocol Support

Networking	TCP/IP
File Sharing	CIFS/SMB, AFP, HTTP/HTTPS, FTP
Directory Integration	Active Directory
Management	HTTP/HTTPS
Time Synchronization	NTP

Others

Client OS Support	Windows® 8.1/8 (32/64-bit), 7 (32/64-bit), Vista® (32/64-bit), XP, WinServer 2012/2008 Mac OS®X 10.9, 10.8, 10.7, 10.6
Power Consumption	42W (Average), 90W (MAX)
Dimensions (LxWxH, mm)	127.5 x 177 x 227
Weight	2.3 kg (Empty enclosure)
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Supply	AC 100-240V, 50/60Hz
Warranty	3-year

Package Contents

LinkStation LS441DE
Ethernet Cable
AC Power
Setup CD-ROM
Screw
Quick Setup Guide
Warranty Statement

About BUFFALO

www.buffalo-asia.com

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.