LS510D series

LinkStation 510D series is a customisable, large ca-pacity Network Attached Storage solution with great flexibility.
The LS510D features a robust Dual Core processor and is super-fast with impressive start-up and shut down speed as well as read and write speeds up to 100 MB/s!
The LS510D makes intensive data storage tasks easy.
Backups are also made easy with NovaStor's NovaBACKUP for PC, or TimeMachine for Mac.
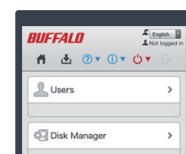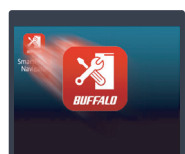LS510D users will enjoy its intuitive and quick interface. Expanded power control features include on/off scheduling, Wake on LAN, and HDD spin down, all of which enable the LS510D to stop working when you do and greatly lessen its power consumption.
Buffalo's LS510D is also DLNA compatible and works not only with WebAccess but also 3rd party File Management apps for Android and iOS to help you step-up your Digital Life and/or seamlessly blend in to your existing set-up.
LS510D series is a single bay Network Attached Storage available fully populated with 2, 3, 4TB capacity.

■ Quick setup with your mobile device

Power ON

Connect to LAN and switch power on.

1 Download SmartPhone Navigator.

2 Select LS510D to jump to Setup screen.

3 Make settings with setup wizard.

■ Easiliy Store and access files with smarthpnes, tablets, and Computers

Store Photos

camera   Windows/Mac   smartophone   tablet

Store all photo data here

Play Photos

TV   PC   tablet   smartophone

■ Secure backup powered by NOVASTOR

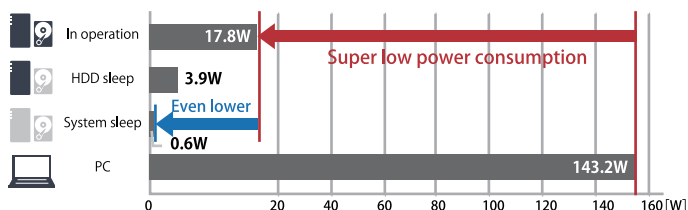**Backup** using Windows built-in Backup or Very powerful backup software with 5 licenses
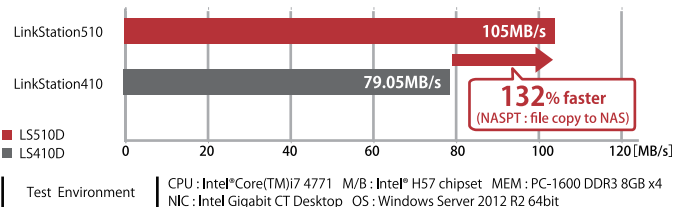
Windows

Backup using Apple Time Machine

Mac

■ Low Power Design

In operation   17.8W

HDD sleep   3.9W

System sleep   0.6W

PC   143.2W

Super low power consumption

Even lower

0   20   40   60   80   100   120   140   160 [W]

■ Higher performance

LinkStation510   105MB/s

LinkStation410   79.05MB/s

132% faster
(NASPT : file copy to NAS)

■ LS510D
■ LS410D

0   20   40   60   80   100   120 [MB/s]

Test Environment

CPU : Intel®Core(TM)i7 4771   M/B : Intel® H57 chipset   MEM : PC-1600 DDR3 8GB x4
NIC : Intel Gigabit CT Desktop   OS : Windows Server 2012 R2 64bit

LS510D series

Specifications

Internal Hard Drives

Number of Drives	1
Drive Interface	SATA II

Drive Capacity	LS510D0201	2.0TB	LS510D0301	3.0TB	LS510D0401	4.0TB

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	USB 3.0			
Connector Type	A type			
Number of Ports	1			
Feature	Hard Drive	✓	Print Server	-
	Direct Copy	✓	UPS	✓

Key Feature

DLNA Server	✓	Time Machine	✓
WebAccess	✓	iTunes Server	✓
BitTorrent Client	✓	Energy Save	✓
Web Server	-	FTP Server	✓
MySQL	-	Active Directory Support	-
PHP	-	Smartphone Application	✓

Protocol Support

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

Others

Client OS Support	Windows® 10, 8.1, 7 Mac OS® X 10.7 or later Android® 4.1 or later iOS® 7 or later
Power Consumption	11W (Average), 24W (MAX)
Dimensions (LxWxH, mm)	127.5 x 45 x 205
Weight	1.1 kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Supply	AC 100-240V, 50/60Hz
Warranty	2-year

Package Contents

LinkStation 510D
Ethernet cable
AC Adapter
AC Plug
QSG (for PC/Mac)
QSG (for Mobile)
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.