TeraStation™
WSH5010DN6 Series

HW RAID
Windows Storage Server 2016

Perfect Integration

Reliable Data Storage with Hardware RAID for Windows Environments – Hard Drives Included.

HARD DRIVES INCLUDED

Buffalo's new TeraStation™ WSH5610DNS6 combines six hard drive, high-performance network attached storage with the power and convenience of Windows operating system. Not only does the WSH NAS series come fully populated with NASgrade hard drives, but it also goes an unparalled step further: welcome to Hardware RAID.

Users will immediately notice the added speed and stability Hardware RAID delivers. Buffalo's specially-designed solution runs the OS from a SSD of its own – thereby freeing the HDD array, in its entirety, for user data. Hardware RAID enables the WSH series to deliver outstanding performance unaffected by 'heavy load' operations, even during RAID re-building. WSH5610 comes with an independent RAID CPU, making it possible to protect your data with the more secure RAID 6 mode while keeping your data transactions fast and stable.

The WSH5610DNS6 comes with Windows Storage Server 2016 Standard Edition (unlimited users) and provides every Windows advantage. Buffalo's device seamlessly melds with networks' existing Windows computers and server and facilitates quick straightforward deployment with massive storage capacity available in an instant. This device is the ideal solution for consolidating multiple file servers into a single solution that enables cost reduction while lowering the overhead on your existing servers for other workloads.

In addition to Hardware RAID, the WSH series comes equipped with the powerful Intel® Celeron™ Quad-Core Processor with 8GB memory to stabilize the performance. Buffalo's WSH5610DNS6 comes fully populated with high-reliability NAS HDD drives, and total capacities of 12, 24 or 48 TB.

Features and Benefits

- Pre-tested NAS-grade hard drives included with RAID 6 pre-configured
- 6-bay desktop NAS with Windows Storage Server 2016 (Standard) and native integration with the Active Directory Service
- No CAL (Client-Access Licenses) required. Cost-effective storage solution to make full use of existing Windows-based environments
- Efficient and high speed backup with deduplication feature/ individual RAID CPU/Quad Core CPU with 8GB memory

- Supports a variety of backup and virtualization features [DFS Replication, Shadow Copies/Azure Backup]
- Highly secured with the latest SMB protocol support (3.1.1)
- Business-level sever/PC backup NovaBACKUP® software bundled
- 3-year TeraStation VIP warranty optional extended warranty
- Made in Japan

About BUFFALO

BUFFALO 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 four 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.

Specifications

WSH5610DNS6	
Part Numbers	WSH5610DN12S6EU
	WSH5610DN24S6EU
	WSH5610DN48S6EU
Configuration	Desktop
Total Capacities	12, 24, 48 TB
Internal Hard Drives	
Type	NAS HDD
Number of Drives	6
Capacities	2, 4, 8 TB
Drive Interface	SATA 2, 3 Gbps
Supported RAID	Striped / 5 / 6 / 10
USB Interface	
Standard Compliance	USB 2.0 / USB 3.0
Connector Type	USB Type A
Number of Ports	2 x USB 2.0 / 1 x USB 3.0
Data Transfer Rates	480 Mbps USB 2.0 / 5 Gbps USB 3.0
System / Performance	
CPU	Intel® Celeron™ J1900, quad-core, 2 GHz
RAM	8 GB DDR3
Environmental & Power	
Power Consumption	Data transfer 100 W, Max. 120 W
Power Supply	Internal, 100-240 V 50/60 Hz universal
Operating Temperature	5 - 35° C
Operating Humidity	20 - 80 % non-condensing
Dimensions / Weight	
Dimensions (WxHxD)	170 x 260 x 230 mm
Weight	≈ 9 kg
LAN Interface	
Number of Ports	2
Data Transfer Rates	10/100/1000 Mbps
Supported Protocols	TCP/IP
Network File Services	SMB
Connector Type	RJ-45
Other	
Client OS Support	Windows 10 / 8.1 / 7; Windows Server 2008/R2 / 2012/R2 / 2016; Mac OS X 10.11 - 10.13
Included Software	NAS Navigator 2, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)
Box Contents	TeraStation™, Quick Setup Guide, Ethernet Cable, AC Cable, Front Panel Key, Warranty Statement and Recovery media
Accessories	
Compatible Hard Drives	OP-HD2.0BN/B, OP-HD4.0BN/B, OP-HD8.0BN/B

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