TeraStation™ WSH5610DNS2

**with Windows Storage Server 2012 R2
Network attached storage**

Welcome To Hardware RAID

Buffalo Technology's new TeraStation™ WSH5610DNS2 combines six hard drive, high-performance network attached storage with the power and convenience of Windows operating system, and is fully populated with WD Red™ hard drives.

But Buffalo's WSH series also goes a big and unparalleled 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.

The WSH5610DNS2 comes with Windows Storage Server 2012 R2 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. The Buffalo quality you know and trust, plus the power of Windows, gives WSH5610DNS2 users flexible and fully customisable business-critical support.

In addition to Hardware RAID, the WSH series comes equipped with the powerful Intel® Celeron™ Quad-Core Processor, running at 2.0 GHz, and with 4 GB of fast DDR3 memory installed. Buffalo's WSH5610DNS2 comes fully populated with high-reliability WD Red drives, and total capacities of 12 or 24 TB.

Windows Storage Server 2012

Features and Benefits

- Buffalo's new Hardware RAID ensures speed and stability
- Windows Storage Server 2012 R2 Standard (unlimited users)
- Intel® Celeron™ Quad Core processor, 2.0 GHz
- 4 GB of fast DDR3 memory installed
- Perfect integration with Windows Server 2012 R2 environment provides an array of enhanced features:
    - Reduces networking complexity with greater efficiency, performance, and availability
    - Resilient File System (ReFS) for scalability and reliability
    - Efficient datacenter management and easily linked to cloud services
    - Easier connection between users to IT resources
- Active Directory support
- iSCSI Target 3.3 optimizes storage-related tasks for development, test, or production environments
- Now with RAID 6 and 0/10/5
- DFS, Namespace & Replication support, remote back up
- Hot swap hard drives
- NovaBACKUP® Buffalo Edition
- 3-Year Limited Warranty

HARDWARE RAID

WSH5610DNS2

Specifications

Hardware	
System	
CPU	Intel® Celeron™ J1900, quad-core, 2 GHz
RAM	4 GB DDR3
HDD controller interface	SATA II 3Gb/s
Internal Hard Drives	
Capacities	WD Red™ 2, 4 TB
Number of Drives	6
Total Capacities	12, 24 TB
Interfaces	
LAN	
Connector Type	RJ-45
Number of Ports	2
Data Transfer Rates	10/100/1000Mbps
USB	
Standard Compliance	USB 2.0 / USB 3.0
Connector Type	USB Type A
Number of Ports	1 x USB 3.0 / 2 x USB 2.0
Data Transfer Rates	480Mbps USB 2.0 / 5Gbps USB 3.0
Other interfaces	
eSata	1 x SATA II 3Gb/s
Serial Port	1 x D-SUB 9 Pin for UPS
HDMI	1
Other	
Dimensions	170 x 300 x 230 mm
Weight	≈ 10 kg
Operating Environment	5-35 °C
Power Consumption	Max. 120 W
Power Supply	internal, 100-250 V 50/60 Hz universal
Software	
System	
Internal OS	2012 R2 Standard (unlimited users)
Hardware RAID	0/10/5/6
Hot Swap	Change drives in RAID without down time
DFS	DFS name space support
Quota	Space limitation
iSCSI	Simultaneous NAS and iSCSI target functionality
Protocol Support	
Networking	TCP/IP
File Sharing	CIFS/SMB, NFS
AD Integration	LDAP
Management	RDP
Time Synchronisation	NTP
Bundled Software	
NovaBackup® Buffalo Edition	Professional Backup software for Windows clients and servers
Buffalo NAS Navigator	Windows 10 / 8.1 / 8 / RT8.1 / RT / 7 / Vista; Windows Server 2012 / R2 / 2008 / R2; Mac OS® X 10.7 and later

Product codes
WSH5610DN12S2EU
WSH5610DN24S2EU

NOVASTOR

3 YEAR WARRANTY

About Buffalo

160259, 07/2016