

# TeraStation™ WSH5610DNS2

with Windows Storage Server 2012 R2  
Network attached storage

# BUFFALO™

WSH5610DNS2

## 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 2.41GHz, 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, 2.41 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/spanning/JBOD
- DFS, Namespace & Replication support, remote back up
- Hot swap hard drives
- NovaBACKUP® Buffalo Edition
- 3-Year Limited Warranty



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## Specifications

Hardware	
<b>System</b>	
CPU	Intel® Celeron™ J1900, quad-core, 2 GHz
RAM	4 GB DDR3
HDD controller interface	SATA 3Gb/s
<b>Internal Hard Drives</b>	
Capacities	WD Red™ 2, 4 TB
Number of Drives	6
Total Capacities	12, 24 TB
<b>Interfaces</b>	
<b>LAN</b>	
Connector Type	RJ-45
Number of Ports	2
Data Transfer Rates	10/100/1000Mbps
<b>USB</b>	
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
<b>Other interfaces</b>	
eSata	1
Serial Port	1 x D-SUB 9 Pin
<b>Other</b>	
Dimensions	170 x 300 x 230 mm
Weight	≈ 10kg
Operating Environment	5-35°C
Power Consumption	Max. 120W
Power Supply	internal, 100-250V 50/60Hz universal
<b>Software</b>	
<b>System</b>	
Internal OS	2012 R2 Standard (unlimited users)
Hardware RAID	0/10/5/6, spanning, JBOD
Hot Swap	Change drives in RAID without down time
DFS	DFS name space support
Quota	Space limitation
iSCSI	Simultaneous NAS and iSCSI target functionality
<b>Protocol Support</b>	
Networking	TCP/IP
File Sharing	CIFS/SMB, NFS
AD Integration	LDAP
Management	RDP, Terminal
Time Synchronisation	NTP
<b>Bundled Software</b>	
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



## 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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