

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 2.0GHz, 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, 2.0GHz
- 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



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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 | ≈ 10kg |
| Operating Environment | 5-35°C |
| Power Consumption | Max. 120W |
| Power Supply | internal, 100-250V 50/60Hz 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



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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