

TeraStation™ WS5400DRW2

BUFFALO™

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

WS5400DRW2

Storage Capacity and Windows Operating System for Small and Medium Businesses

Buffalo Technology's new TeraStation™ WS5400DRW2 with Windows Storage Server 2012 R2 combines four hard drive, high-performance network attached storage with the power and convenience of Windows operating system, fully populated with high-reliability WD Red™ hard drives.

The WS5400DRW2 seamlessly melds with networks' existing Windows computers and server enabling quick straightforward deployment and massive storage capacity available in an instant.

The Buffalo quality you know and trust, plus the power of Windows, gives WS5400DRW2 users flexible and fully customisable business-critical support.

Once deployed, users will find WS5400DRW2 enables full Active Directory integration facilitating comprehensive access management, policies, and security. This allows networks to automate access and manage storage in the same way as they do their Windows Server. PowerShell and Microsoft Systems Center are ready-to-use, as well as a flexible choice of storage protocols (iSCSI, CIFS/SMB, NFS). Your most demanding applications and processes, such as replication, Hyper-V, SQL, a fast-indexing search during an anti-virus scan, and more, are no problem for the WS5400DRW2.

The WS5400DRW2 comes equipped with the powerful Intel® Atom™ Dual-Core D2550 Processor and 4GB of fast DDR3 memory installed. Buffalo Technology's TeraStation™ WS5400DRW2 is designed to guard against failures and prevent downtime with four hot-swappable drives.

Buffalo's WS5400DRW2 comes fully populated with high-reliability WD Red drives, and total capacities of 4, 8 or 12TB.



 Windows Storage Server 2012

Features and Benefits

- Windows Storage Server 2012 R2 Workgroup (up to 50 users)
- Intel® Atom™ Dual Core processor 1.86 GHz
- 4GB of fast DDR3 memory installed
- Active Directory support
- iSCSI Target 3.3 optimizes storage-related tasks for development or test environments and small, medium, or branch office production environments
- RAID 0/1/5
- DFS (Distributed File System), Namespace & Replication support, remote back up
- 2 LAN ports
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- 2 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity
- Interoperable back-up between Buffalo TeraStation and Buffalo Windows Storage Server 2012 R2 TeraStation
- Easy set up with NAS Navigator
- Hot swap hard drives
- LCD Display shows important TeraStation™ information and disk status
- NovaBACKUP® Business Essentials
- 3-Year Limited Warranty
- Perfect integration with Windows Server 2012 R2 environment provides an array of new and enhanced features:
 - Reduces networking complexity with greater efficiency, performance, and availability
 - Resilient File System (ReFS) for the highest level of scalability and reliability
 - Efficient management of datacenter and private clouds and easily linked to public cloud services
 - Easier connection between users to IT resources

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Specifications

Hardware	
System	
CPU	Intel® Atom™ D2550 dual core
RAM	4GB DDR3
HDD controller interface	SATA 3Gb/s
Internal Hard Drives	
Capacities	WD Red™ 1, 2, 3TB
Number of Drives	4
Total Capacities	4, 8, 12TB
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	2 x USB 2.0 / 2 x USB 3.0
Data Transfer Rates	480Mbps USB 2.0 / 5Gbps USB 3.0
Serial Port	
Connector Type	D-SUB 9pin
Number of Ports	1
Other	
Dimensions	231 x 170 x 216mm
Weight	8kg
Operating Environment	5-35°C
Power Consumption	Max. 96W
Power Supply	internal, 100-250V 50/60Hz universal
Software	
System	
Internal OS	2012 R2 Workgroup (up to 50 users)
Raid	RAID 0/1/5, 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
Protocol Support	
Networking	TCP/IP
File Sharing	CIFS/SMB, NFS
AD Integration	LDAP
Management	RDP, Terminal
Time Synchronisation	NTP
Bundled Software	
NovaBackup® Business Essentials	Professional Backup software for Windows clients and servers
Buffalo NAS Navigator	Windows 8.1, Windows 8, Windows RT8.1/RT, Windows 7, Windows Vista, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008, Windows Server® 2003, Mac OS® X 10.7 and later

Product codes

WS5400DR0404W2EU
WS5400DR0804W2EU
WS5400DR1204W2EU



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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