TeraStation™ WS5400RSR2

with Windows Storage Server 2012 R2 Network attached storage

BUFFALO™

Massive Storage Capacity and Windows Operating System for Small and Medium Businesses

Buffalo Technology's TeraStation™ rack mount with Windows Storage Server 2012 R2 (WS5400RSR2) combines four hard drive, high-performance network   attached storage with the power and convenience of Windows operating   system.

The WS5400R 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 WS5400R users flexible and fully customisable business-critical support.

Once deployed, users will find WS5400R 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 WS5400R.

The WS5400R rack mount comes equipped with the powerful Intel® Atom™ Dual-Core D2700 family Processor and 4GB of fast DDR3 memory installed. Buffalo Technology's TeraStation™ WS5400R is designed to guard against failures and prevent downtime with four hot-swappable drives.

Available fully populated with 8 or 16TB capacity.

Windows Storage Server 2012

TeraStation™ WS5400RSR2

Features and Benefits

- Windows Storage Server 2012 R2 Standard Edition with unlimited connections

- Intel® Atom™ Dual Core processor 2.13 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

- DFS (Distributed File System), Namespace and Replication support, remote back up

- Link Aggregation with 2 LAN ports

- 10/100/1000 Gigabit Ethernet with Jumbo Frame

- 3 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity

- Back-up to NAS, USB flash, or HDD

- Data encryption

- Back-up to NAS, USB flash, or HDD

- New Work Folders feature facilitates BYOD users' file access while retaining centralised control

- Easy set up with new NAS Navigator

- Hot swap hard drives

- Power options help reduce energy costs

- 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™ D2700 family dual core
RAM	4GB DDR3
HDD controller interface	SATA 3Gb/s
Internal Hard Drives	
Capacities	2, 4TB
Number of Drives	4
Total Capacities	8, 16TB
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 / 3 x USB 3.0 (1 front)
Data Transfer Rates	480Mbps USB 2.0 / 5Gbps USB 3.0
Serial Port	
Connector Type	D-SUB 9pin
Number of Ports	1
Other	
Dimensions	429.5 x 44.3 x 430mm
Weight	8.5kg
Operating Environment	5-35°C
Power Consumption	Max. 96W
Power Supply	internal, 100-250V 50/60Hz universal
Software	
System	
Internal OS	Windows Storage Server 2012 R2 Standard Edition (unlimited connections)
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 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows® 2000, Windows Server® 2008, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.4-10.8

Product codes

WS5400R0804SR2EU
WS5400R1604SR2EU

About Buffalo

130014, 01/2013