

TeraStation™ Windows Storage Server



The Buffalo WS-QL Windows Storage Server 2003 R2 Express Edition has been specially designed to provide an aggressively price performance entry NAS solution for small office environments, giving full integration with a Windows environment, along with the ease and familiar intuitive administration that Windows brings. Organisations of all sizes can create effective NAS solutions that can adapt to and solve the simplest or most complex storage needs.

Buffalo Windows Storage Server 2003 R2 Express Edition, WS-QL, provides a fast and reliable platform for Network Attached Storage (NAS), built on the proven Windows Server™ 2003 R2 family code base with all of its superior security, stability and management advantages.

The WS-QL adds new search capabilities, simplified set-up and storage management, and is specially tuned by Buffalo to provide optimal NAS performance.



| Windows File Sharing and Network File System (NFS)

High-performance SMB/CIFS for Windows and NFS/SMB inter-operability

| Predictable and Easy to Adopt

Windows Storage Server 2003 R2 Express Edition was built on the efficient, reliable code base of the Windows Server 2003 family. Since it shares the same code base, there is no need for separate application compatibility testing. Also, antivirus and back-up applications that work with Windows Server 2003 operating systems will work with Windows Storage Server 2003 R2.

| Search Enhancements

Indexing Service extracts the information from a set of documents and organises it in a way that makes it quick and easy to access that information through the Search function for computers running Windows. This information can include text from within a document (its contents), and the characteristics and parameters of the document (its properties), such as the author's name.

| MMC Administration Model

Common, intuitive user experience across Windows-based products



TeraStation™ Windows Storage Server
WS-Q2.0TL/R5

Key Specifications

- Pre-Installed Windows Storage Server 2003 R2 Express Edition offering seamless integration with windows
- High performance and reliable hardware
- Cost effective Windows based storage solution
- Shadow copy of shared folders
- Scheduled back-up to USB drive or Buffalo NAS
- Supports third party back-up software
- Supports RAID level, 0, 1, 5 and Standard
- Resilient - Replace faulty hard drives with the Hot Swap functionality without interruption of work
- Supports UPS connectivity via Serial port
- Seamless integration with Active Directory
- NT Domain Log-on
- Email notification (SMTP)
- Supports NFS
- Easy set-up with Buffalo TeraNavigator Software
- LCD Status Display and intuitive Remote Desktop interface
- Warranty: 3 Years
- Available with 2TB and 4TB
- Includes NovaBACKUP® Business Essentials with 10 licenses - protects data on servers locally or online. Regardless of theft, user error or hardware failure NovaBACKUP® protects and restores your data.

SPECIFICATIONS

Internal HDD	
HDD Interface	SATA
Capacities	500GB, 1.0TB
Number of Drives	4
Total Capacities	2.0TB, 4.0TB
Interfaces	
LAN	
Standard Compliance	IEEE802.3ab / IEEE802.3u / IEEE802.3 Standard
LAN Port Connector	RJ-45
Number of LAN Ports	1
Data Transfer Rate	10/100/1000Mbps
USB	
Standard Compliance	USB 2.0
Connector Type	USB type A
Number of Ports	2
Data Transfer Rate	Max: 480 Mbps (High Speed Mode) Max: 12 Mbps (Full Speed Mode)
UPS Port	
Connector Type	D-Sub 9pin
Number of Ports	1
Protocol Support	
Networking	TCP/IP
File Sharing	SMB/CIFS, NFS, AFP
Active Directory Integration	Kerberos
Other	
Set-up Utility OS Support	Windows Server 2003/2008, Windows®7 (64/32bit), Windows® Vista™ (64/32bit), Windows® XP (64/32bit), Windows® 2000, Windows XP Media Center 2004/2005, Mac OS X 10.3.9 or later
Dimensions (WxDxH)	170 x 215 x 230mm
Weight	8Kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Avg 75W, Max 84W
Power Supply	Internal AC 100-240V, 50/60Hz

Part Numbers

WS-Q2.0TL.R5-EU – 2TB

WS-Q4.0TL.R5-EU – 4TB



Links for more information

<http://www.microsoft.com/windowsserversystem/wss2003/default.aspx>

<http://www.microsoft.com/windowsserversystem/storage/benefits.aspx>

White Paper from Microsoft

http://download.microsoft.com/download/d/7/3/d733574e-d82f-4015-bf44-b6735ecf4fb3/WSS2003R2_ITPro_WP.doc

White Paper from Microsoft Enterprise Strategy Group

<http://download.microsoft.com/download/1/a/a/1aa5e615-5044-4120-87fb-4e3137058c4d/MS-File-Serving-and-NAS.pdf>

Note: 1TB = 1,000,000,000,000 bytes: total accessible capacity varies depending on operating environment. Data rate, features and performance may vary based on the configuration of your system and other factors.

About Buffalo

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost 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.

© Buffalo Inc. 2010. BUFFALO logo, AirStation, Nfiniti, AOSS, TeraStation, LinkStation, DriveStation, DriveStation 2Share, MiniStation, Dualie and LinkTheater are either trademarks or registered trademarks of Melco Holdings Inc. or Buffalo Inc. Microsoft Windows and Microsoft logo are either registered trademarks or trademarks of Microsoft corporation in United States and/or other countries. The names and logos of other companies mentioned herein belong to their respective owners. The information within this datasheet is subject to change without notice. All rights reserved. E & OE.