Network Attached Storage



TS4400R-EU

Buffalo's Powerful and Flexible Rackmount NAS Enclosure

Buffalo's new TeraStation[™] rackmount enclosure (TS4400R-EU) joins Buffalo's TeraStation[™] family with customisable Network Attached Storage with greater flexibility – users can start by installing one drive and add up to three additional drives as storage and back-up requirements grow.

TeraStation[™] 4400R is equipped with the powerful Intel[®] Atom[™] D2701 Dual-Core Processor and will impress users with both faster transfer of large files and faster file access from multiple computers. Its top-of-class performance is perfect for demanding small, medium, and growing businesses.

When populated with two or more drives the TeraStation[™] 4400R protects your data with RAID and hot swap functionality allows users to change disks without downtime. Another added bonus: the new TeraStation[™] enclosure also comes with 10 free NovaStor NovaBACKUP[®] licenses.

The TS4400R also provides important features to support your business such as Active Directory support, IP camera recording, iSCSI target, a faster and easy-touse interface, and 2GB of fast DDR3 memory installed. All of this, together with two Gigabit Ethernet ports, two super speed USB 3.0 ports and two high speed USB 2.0 ports, gives users a fast, versatile, and feature-rich NAS enclosure. Buffalo's TS4400R-EU enclosure is compatible with 1, 2, 3, and 4TB drives (sold separately).



TS4400R-EU

Features and Benefits

- 4-bay NAS rackmount enclosure for highly customisable network attached storage
- Compatible with 1, 2, 3, or 4TB 3.5" hard drives (sold separately)
- Powered by the latest Intel[®] Atom[™] D2701 Dual-Core/4 threads CPU
- 2GB of fast DDR3 memory installed
- Faster transfer of large files, faster access from multiple computers
- Buffalo Surveillance Server record IP camera stream directly on your TeraStation™
- Works simultaneously as NAS and iSCSI
- Packed with rich backup features:
- Failover
- Replication
- Scheduled Backup
- NovaBACKUP® (10 licenses of NovaBACKUP® Business Essentials)
- Supports Amazon S3 cloud storage service
- WebAccess easily open TeraStation[™] files from a remote site or with WebAccess Apps available for Windows 8, iOS, Android[®], and Windows Phone 7 – 8
- Easy-to-use and intuitive interface and management GUI



TeraStation[™] 4400R

Network Attached Storage



TS4400R-EU

Specifications

Hardware	
System	
CPU	Intel [®] Atom [™] D2701 Dual-Core
RAM	2GB DDR3
HDD interface	SATA 3Gb/s
Internal Hard Drives	UNIT CODIS
Number of Bays	4
Supported capacities	1, 2, 3, 4TB (sold separately)
	1, 2, 3, 4 D (sold separately)
Interfaces LAN	
	RJ-45
Connector Type	
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	480Mb/s USB 2.0 / 5Gb/s USB 3.0
Serial Port	
Connector Type	D-SUB 9pin
Number of Ports	1
Other	
	Windows 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows Server®
Supported OS	2012*, Windows Server® 2008, Windows Server®, 2003, Windows® 2000 Server, Mac OS® X 10.4-10.8
Dimensions	430 x 44.3 x 420 mm
Weight	6.2kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Max. 96W
Power Supply	Internal AC 100-240V Universal, 50/60Hz
Software	Internal AG 100-240V Grivelsal, 50/0012
System	
Raid Support	RAID 0/1/5/6/10/ IROD (depending on pumpler of drives installed)
	RAID 0/1/5/6/10/JBOD (depending on number of drives installed)
Hot Spare	Have a spare drive if a RAID fails
Hot Swap	Change drives in RAID without down time
	Data Protection: Data cannot be read on other machines
SoleraTec [™] Phoenix RSM [™] video surveillance management software	One free camera license, more can be added, manages storage pool and camera pool, supports cameras from 184 vendors and manual settings for RTSP
DFS	DFS name space support
SNMP	
	Network monitoring
User Quota	Space limitation for users/groups
iSCSI	
	Simultaneous NAS and iSCSI target functionality
Protocol Support	
Protocol Support Networking	TCP/IP
Protocol Support Networking File Sharing	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS
Protocol Support Networking File Sharing AD Integration	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP
Protocol Support Networking File Sharing AD Integration Management	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover Replication	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP Failover solution with other Buffalo NAS devices
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover Replication Time Machine	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP Failover solution with other Buffalo NAS devices Syncronise folders on two TeraStations
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover Replication Time Machine S3 Amazon cloud support	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP Failover solution with other Buffalo NAS devices Syncronise folders on two TeraStations Time Machine target for multiple clients Use Amazon professional cloud services
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Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover Replication Time Machine S3 Amazon cloud support Backup NovaBackup® Business Essentials Remote Access	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP Failover solution with other Buffalo NAS devices Syncronise folders on two TeraStations Time Machine target for multiple clients Use Amazon professional cloud services Built-in backup to USB storage or other Buffalo NAS based on rsync Professional backup software for Windows clients
Protocol Support Networking File Sharing AD Integration Management Time Synchronisation Camera Backup Failover Replication Time Machine S3 Amazon cloud support Backup NovaBackup® Business Essentials Remote Access Web UI	TCP/IP CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS LDAP HTTP/HTTPS NTP RTSP Failover solution with other Buffalo NAS devices Syncronise folders on two TeraStations Time Machine target for multiple clients Use Amazon professional cloud services Built-in backup to USB storage or other Buffalo NAS based on rsync Professional backup software for Windows clients HTTP/HTTPS
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About Buffalo

Buffalo Technology 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 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. © Buffalo Inc. 2013. BUFFALO logo, AirStation, Nfiniti, AOSS, TeraStation, LinkStation, DriveStation, MiniStation 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.