



## HIGH PERFORMANCE

### 4-DRIVE 1U BUSINESS-CLASS NETWORK & ISCSI STORAGE

TeraStation™ 5400r Rackmount is a high performance 4-drive 1U rack mountable network storage device ideal for businesses and demanding users requiring a reliable RAID-based NAS solution for larger networks and business critical applications. With the powerful dual-core 2.16 GHz Intel Atom™ processor D2701, TeraStation 5400r Rackmount provides exceptional performance during file transfers and everyday NAS functions. TeraStation 5400r Rackmount runs many services simultaneously and the dynamic combination of the dual core 2.16 GHz processor and 2 GB DDR3 RAM enables the acute ability to focus on concurrent tasks with minimal performance degradation; experience maximum network throughput while surveillance video is recording from multiple IP-based camera, remote users access content and a replication job runs in the background.

## FEATURES

### PRODUCT HIGHLIGHTS

- Intel Atom D2701 2.16GHz Dual-Core
- Buffalo Surveillance Video Manager (1 license)
- Dual Intel NICs
- 2 x USB 2.0 ports and 3 x USB 3.0 ports with accessory support
- Hot-swap SATA hard drives
- Hot-spare
- RAID 0/1/5/6/10/JBOD (Individual Disks)
- Active Directory integration
- DFS Namespace support
- Disk quota support
- Simultaneous NAS and iSCSI target functionality
- VMware® Certified for NFS
- Scheduled or real-time replication to other TeraStation devices
- Failover support
- 10 licenses of NovaBACKUP® Business Essentials v14

### HIGH PERFORMANCE

TeraStation 5400r Rackmount features the dual-core 2.16 GHz Intel Atom processor D2701, providing exceptional performance during file transfers and everyday NAS functions.

### RELIABLE AND SECURE

TeraStation 5400r offers high capacity, highly available storage accessible

among multiple platforms for seamless centralized storage and backup. Create user and group profiles and control folder and file access to protect business critical content and privacy. Support for multiple levels of RAID provides continuous data protection and increased fault tolerance and data availability.

### SURVEILLANCE VIDEO MANAGEMENT

TeraStation 5400 offers a video surveillance asset management platform that allows you to record high quality video and store and manage it for easy access and playback. SoleraTec Phoenix RSM provides advanced features and helps you manage and store camera feeds, enabling playback of live and stored video with support for any RTSP IP-based video camera.

### DATA PROTECTION AND BACKUP

TeraStation 5400r Rackmount features Buffalo's replication technology providing real-time synchronous replication of data for easy, continuous data protection in the event of data loss. When replicating from one TeraStation 5400r Rackmount to another, you can configure failover support to automatically switch the main operation over to the redundant TeraStation if the main unit ever becomes inaccessible.

TeraStation 5400r Rackmount is bundled with 10 licenses of NovaBACKUP® Business Essentials, providing a complete, all-in-one data protection solution for PCs, storage servers, Exchange servers and SQL databases.

\*Within Setup CD-ROM

### STORAGE VIRTUALIZATION

Configure TeraStation 5400r Rackmount as an iSCSI target to add affordable virtualized storage to your business network. Storage virtualization serves to decrease IT spending by maximizing the resources offered by modern servers while providing affordable server scalability and reliability. A virtualized environment removes a significant amount of server dependence, shifting the burden to the storage devices.

### REMOTE FILE ACCESS

TeraStation 5400r Rackmount offers multiple ways to remotely access and share your important data for enhanced collaboration and productivity. With WebAccess and FTP/SFTP servers, you can securely access and share files with anyone outside the local network. Trusted recipients can access selected files from anywhere over the Internet, and with WebAccess files can also be accessed remotely from tablet and smartphone devices.



# TeraStation™ 5400R Rackmount

TS5400R



## TERASTATION NAS SYSTEM

TeraStation 5400 Rackmount runs on Buffalo's TeraStation NAS System providing a host of business-class features from network file sharing and security to RAID management, remote access and more. Managing data, backups and data sharing in a production environment or larger business is made easy with this NAS operating system. Included on all Buffalo TeraStation devices, TeraStation NAS System simplifies your every data needs.

## MODELS

TS5400R0404, TS5400R0804, TS5400R1204,  
TS5400R1604, TS5400R(Enclosure)

## BOX CONTENTS

TeraStation 5400r Rackmount (TS5400R), Setup CD-ROM, Ethernet Cable, AC Cable, Mounting Rail Kit, Quick Setup Guide, Warranty Statement

## SPECIFICATIONS

### LAN INTERFACE

Standard Compliance:	IEEE802.3/IEEE802.3u/IEEE802.3ab
Data Transfer Rates:	10/100/1000 Mbps (Auto Sensing)
ConnectorType:	RJ-45
Number of Ports:	2

### INTERNAL HARD DRIVES

Number of Drives:	4
Hard Drive Capacities:	1 TB, 2 TB, 3 TB, 4 TB
Total Capacity:	4 TB, 8 TB, 12 TB, 16 TB
Drive Interface:	SATA 3Gbps
Supported RAID Levels:	JBOD, RAID 0/1/5/6/10

### USB INTERFACE

Interface:	USB 3.0 / USB 2.0
Number of Ports:	3 x USB 3.0 2 x USB 2.0
Data Transfer Rates:	5 Gbps (USB 3.0) 480 Mbps (USB 2.0)

### PROTOCOL SUPPORT

Networking:	TCP/IP
File Sharing:	CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP/FTPS, NFS
Directory Integration:	LDAP, Active Directory
Management:	HTTP/HTTPS
Time Synchronization:	NTP

### OTHER

Dimensions (LxWxH):	429.5 x 44.3 x 430 mm
Weight:	9.0kg
Operating Environment:	Temperture: 5-35°C, Humidity: 20-80% (non-condensing)
Power Supply:	Internal AC 100-240V Universal, 50/60 Hz
Power Consumption:	100 W (Maximum)
Setup Utility OS Support:	Windows® Operating Systems
Client OS Support:	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 10.4-10.7 (in evaluating) Windows Server® 2012, Mac OS® X 10.8

Data rate, features and performance may vary based on the configuration of your system and other factors.

1 TB= 1,000,000,000,000 Bytes. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.