BUFFALO™
PERFORMANCE MATTERS

TeraStation 5400r
Rackmount

TS5400R, TS5400RH

HIGH PERFORMANCE
4-DRIVE 1U BUSINESS-CLASS
NETWORK & ISCSI STORAGE

vmware® PARTNER

TECHNOLOGY ALLIANCE

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 2.13 GHz Intel® Atom™ processor D2700, TeraStation 5400r Rackmount provides exceptional performance during file transfers and everyday NAS functions. Optional enterprise-class hard drives offer enhanced performance in high availability environments and provide increased operation and reliability for demainding workloads, with improved MTBF- up to 3X longer. TeraStation 5400r Rackmount runs many services simultaneously and the dynamic combination of the dual core 2.13 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 processor D2700
- 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 (Enterprise-class HDDs & 6TB HGST Ultrastar He⁶ helium-filled HDDs available)
- 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
- Optional enterprise-class hard drives
- 10 licenses of NovaBACKUP® Business Essentials v14

HIGH PERFORMANCE
TeraStation 5400r Rackmount features the dual-core 2.13 GHz Intel Atom processor D2700, providing exceptional performance during file transfers and everyday NAS functions.

RELIABLE AND SECURE
TeraStation 5400r Rackmount 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 5400r Rackmount 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. Surveillance Video Manager 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 sthe 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.

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.

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TERASTATION NAS SYSTEM

TeraStation 5400r 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 everyday data needs.

MODELS

Standard HDD: TS5400R0804, TS5400R1204, TS5400R1604,
Enterprise-class HDD: TS5400RH0804, TS5400RH1204, TS5400RH1604, TS5400RH2404*

BOX CONTENTS

TeraStation 5400r Rackmount, Setup CD-ROM, Ethernet Cable, AC Cable, 4-Post Rail Kit with Mounting Brackets and Screws, 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)
Connector Type:	RJ-45
Number of Ports:	2

INTERNAL HARD DRIVES
Number of Drives:	4 x 3.5" HDD (Enterprise-class HDDs available)
Hard Drive Capacities:	2 TB, 3 TB, 4 TB, 6 TB (*HGST Ultrastar He^6)
Total Capacity:	8 TB, 12 TB, 16 TB, 24 TB
Drive Interface:	SATA II/III 3 Gbps
Supported RAID Levels:	RAID 0/1/5/6/10/JBOD (Individual Disks)

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

24/7 TECH SUPPORT | 3 YEAR WARRANTY
(866) 752-6210 | USA & Canada Only

OTHER
Dimensions (LxWxH):	16.93 x 16.91 x 1.74 in
Weight:	19.9 lbs
Operating Environment:	41-95°F (5-35°C), 20-80% (non-condensing)
Power Supply:	Internal AC 100-240V Universal, 50/60Hz
Power Consumption:	140W (Maximum)
Setup Utility OS Support:	Windows® Operating Systems
Client OS Support:	Windows® 8 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® 7 (64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows® 2000, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.5 - 10.9

Optional 5-Year Enhanced Warranty: EWNBD02

REPLACEMENT PARTS
Enterprise HDDs:	2 TB - HUS724020ALA640,
	3 TB - HUS724030ALA640,
	4 TB - HUS724040ALA640,
	*6 TB - HUS726060ALA640,
	*6 TB - HUS726060ALA641

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.

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