BUFFALO™

TeraStation™ 7120r

TS-2RZSD

ULTRA HIGH PERFORMANCE

12-BAY BUSINESS-CLASS NETWORK & ISCSI STORAGE



TeraStation 7120r offers high performance, enterprise-class 12-drive network and iSCSI storage packed with advanced features and funtions, ideal for businesses looking to implement a reliable RAID-based network storage solution for large networks and business critical applications. Featuring the powerful Intel ® Xeon ® E3-1225 quad core processor and 4 GB DDR3 RAM. TeraStation 7120r provides exceptional performance and runs many services simultaneously with minimal performance degradation: experience maximum network throughput while replication and backup jobs run in the background. TeraStation 7120r is packed with business-class features such as Active Directory support, disk quota support, share level replication, quad gigabit Ethernet ports, hot-swap hard drives, iSCSI targeting and add-on PCI-Express card support.

FEATURES

PRODUCT HIGHLIGHTS

- Intel ® Xeon ® E3-1225 processor
- 12-bay 2U rack mount
- 4 GB DDR3
- Sandy Bridge
- Quad gigabit Ethernet
- Redundant hot plug PSUs and fans
- Active Directory integration
- Simultaneous NAS and iSCSI target functionality
- Works with Hyper-V®, VMware ® and Citrix ® software †
- Share quota support
- Hot-swap hard drives
- Multiple levels of RAID support
- 10 licenses of NovaBACKUP ® Business Essentials v12
- USB accessory support

HIGH PERFORMANCE

TeraStation 7120r features Intel Xeon E3-1225 processor, providing exceptional performance during file transfers and everyday NAS functions.

- Quad core, 4 threads
- 6 MB cache, 3.10 GHz

RELIABLE AND SECURE

TeraStation 7120r 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.

DATA PROTECTION AND BACKUP

TeraStation 7120r features Buffalo's replication technology providing real-time synchronous replication of data for easy, continuous data protection in the event of data loss.

TeraStation 7120r 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.

REMOTE FILE ACCESS

TeraStation 7120r 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.

STORAGE VIRTUALIZATION

Configure TeraStation 7120r 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 probiding affordeble server scalability and reliability. A virtualized environment removes a significant amount of server dependence, shifting the burden to the storage devices.

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TERASTATION NAS SYSTEM

TeraStation 7120r 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

TS-2RZS08T04D, TS-2RZS12T04D

BOX CONTENTS

TeraStation 7120r (TS-2RZSD), Setup CD-ROM, Ethernet Cable, AC Cable (2), 4-Post Rackmount Rails, 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:	4

INTERNAL HARD DRIVES

Number of Bays:	12
Number of Drives:	4
Hard Drive Capacities:	2 TB, 3 TB
Total Capacity:	8 TB, 12 TB
Drive Interface:	SATA 6 Gbps
Supported RAID Levels:	RAID 0/1/5/6/10/50/51/60/61/JBOD (Individual Disks)

USB INTERFACE

Interface:	USB 2.0
Number of Ports:	6 Type A
Data Transfer Rates:	480 Mbps (USB 2.0)
Expansion Slots:	PCI-Express x8 slot x 1 PCI-Express x4 slot x 1

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

Power Consumption:	250 W (Maximum)
Dimensions (LxWxH):	480 x 88 x 736 mm
Weight:	25 kg
Operating Environment:	Temperture: 5-35°C, Humidity: 20-80% (non-condensing)
Power Supply:	Internal AC 100-240V Universal, 50/60 Hz
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

REPLACEMENT PARTS & ACCESSORIES

Enterprise HDDs:	ST2000NM0011, WD2003FYYS Buffalo HDD: OP-HD2.0ZH
Standers HDDs:	ST1000DM, ST2000DM, ST3000DM, Buffalo HDD: OP-HD1.0ZS
Replacement Fan:	OP-FAN-2RZ
Power Supply:	OP-PU-2RZ
PCI-Express Cards:	IFC-PCIE2U3, IFC-PCIE2U3S2
PCI-E 10GbE Adapters:	Emulex: OCe11102-N, OCe11102-I, OCe11102-F Intel:X540T2, E10G42BtDA, E10G41BFSR, E10G42BFSR, E10G41AT2

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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