ULTRA HIGH PERFORMANCE

12-BAY BUSINESS-CLASS
NETWORK & ISCSI STORAGE

vmware® PARTNER
TECHNOLOGY ALLIANCE

TeraStation 7120r offers high performance, business-class 12-bay network and iSCSI storage packed with advanced features and functions, ideal for businesses looking to implement a reliable RAID-based network storage solution for large networks and business critical applications. Featuring the powerful quad-core 3.1 GHz Intel® Xeon® processor E3-1225 and 4 GB of upgradeable 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® processor E3-1225 (3.10 GHz quad-core)
- 4 GB DDR3 RAM (Scalable to 16 GB)
- 12-bay 2U rack mount
- Sandy Bridge
- Buffalo Surveillance Video Manager 1 license)
- Quad Intel NICs
- 10 GigE NIC Support
- 6 USB 2.0 ports
- Redundant hot plug PSUs and fans
- 2 PCI-Express expansion slots
- Hot-swap SATA hard drives
- Hot spare
- RAID 0/1/5/6/10/51/61/JBOD (Individual Disks)
- Active Directory support
- DFS Namespace support
- Share quota support
- Real-time replication to other TeraStation devices
- Simultaneous NAS and iSCSI target functionality
- Failover Support
- VMware® Certified and works with Hyper-V® and Citrix® software
- Remote file access via WebAccess and FTP/SFTP
- Sliding rail kit included (4-post)
- 10 licenses of NovaBACKUP Business Essentials v14 (SQL and Exchange backup agents)

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.

SURVEILLANCE VIDEO MANAGEMENT
TeraStation 7120r 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 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 v14, providing a complete, all-in-one data protection solution for PCs, storage servers, Exchange servers and SQL databases.

HIGH PERFORMANCE
TeraStation 7120r features the 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

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 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 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.

BUFFALO™
PERFORMANCE MATTERS

TeraStation 7120r
TS-2RZSD

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 x 3.5" HDD
Number of Drives:	4
Hard Drive Capacities:	2 TB, 3 TB
Total Capacity:	8 TB, 12 TB
Drive Interface:	SATA II/III 3 Gbps
Supported RAID Levels:	RAID 0/1/5/6/10/51/61/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:	250W (Maximum)
Dimensions (LxWxH):	29 x 18.9 x 3.46 in
Weight:	43 lbs
Operating Environment:	41-104°F (5-40°C), 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® 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® 7 Professional (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

REPLACEMENT PARTS & ACCESSORIES

Enterprise HDDs:	ST2000NM0011, WD2003FYYS
	Buffalo: OP-HD2.0ZH-3Y, OP-HD3.0ZH-3Y, OP-HD4.0ZH-3Y
Standard HDDs:	ST1000DM, ST2000DM, ST3000DM
	Buffalo: OP-HD2.0ZS, OPHD3.0ZS
Memory:	OP-MEM-4GX2, OP-MEM-8GX2
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
5-Year Enhanced Warranty:	EWNBD01

UPS RECOMMENDATION

APC Smart series UPS models
- Smart-UPS 1500VA or greater
- Smart-UPS On-Line 1500VA or greater

Buffalo recommends a minimum of 20 minutes of run time or greater.

24/7 TECH SUPPORT | 3 YEAR WARRANTY

(866) 752-6210 | USA & Canada Only

www.BuffaloAmericas.com