Key Features

• Intel® Xeon® quad core processor

• 12-bay 2U rackmountable (24- 120 TB)

• Fully-populated with hard drives

• Quad Intel NICs + 10GbE NIC support

• Redundant hot plug PSUs and fans

• Hot-swap & Hot spare hard drives

• RAID 0/1/5/6/10/51/61/JBOD

• Cloud storage backup to Amazon S3

• Real-time replication to other TeraStation NAS devices

• Simultaneous NAS and iSCSI target functionality

• Active Directory support

• DFS Namespace support

• VMware® Certified, Citrix® Ready and compatible with Hyper-V®

• Sliding rail kit included (4-post)

• NovaBACKUP® Buffalo Edition included (1 server and 10 workstation licenses)

• Optional 5-year enhanced warranty

Enterprise-Class
Network & iSCSI Storage

Buffalo's TeraStation™ 7000 series offers high performance, enterprise-class network and iSCSI storage packed with advanced features and functions. The TeraStation 7000 series products are 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 quad-core processor and either standard or enterprise hard drives, the TeraStation 7000 series provides exceptional performance during file transfers and everday NAS functions.

The TeraStation 7120 and 7120 Enterprise rackmount solutions come equipped with enterprise-class features such as Active Directory support, disk quota support, share level replication, hot-swap hard drives and iSCSI targeting. Other key features include quad gigabit Ethernet ports supporting link aggregation to 4 Gbps and PCI-Express expansion with 10GbE NIC support (see specs for qualified models).

RAID Protection | Cloud Storage Backup | Port Trunking | Hot Spare

Auto Backup | WARRANTY 3-year | Web Access | Hot Swap

PRODUCT SPECIFICATIONS

MODELS	TS-2RZHD (TeraStation 7120 Enterprise)
Part Numbers	TS-2RZH24T12D (24 TB) TS-2RZH48T12D (48 TB) TS-2RZH96T12D (96 TB) TS-2RZH120T12D (120 TB)
Configuration	Rackmount

INTERNAL HARD DRIVES

Number of Bays	12 x 3.5" HDD
Number of Drives	12 (Enterprise HDD)
Hard Drive Capacities	2, 4, 6, 8, 10 TB
Total Capacity	24, 48, 96, 120 TB
Drive Interface	SATA II/III 6 Gbps
Supported RAID	0/1/5/6/10/51/61/JBOD (Individual Disks)

USB INTERFACE

Standards Compliance	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

PERFORMANCE

CPU	Intel® Xeon® Processor E3-1275 (3.40 GHz quad-core)
Memory	8 GB DDR3 RAM (Scalable to 16 GB)

ENVIRONMENTAL & POWER

Power Consumption	Max 220W
Power Supply	Internal AC 100-240V Universal, 50/60Hz
Operating Temperature	41˚ - 95˚F (5˚ - 35˚C)
Operating Humidity	20 - 80% non-condensing

SHIPPING

Dimensions (L x W x H)	29 x 18.9 x 3.46 in
Weight	60.4 lbs

CLOUD STORAGE BACKUP

Backup mission-critical data to Amazon S3 (Simple Storage Service) for offsite backup. Offsite backup adds an extra layer of protection against data loss due to environmental disasters or equipment failures at your primary location.

REMOTE FILE ACCESS

TeraStation 7000R 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.

RELIABLE AND SECURE NETWORK STORAGE

TeraStation 7000R 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.

LAN INTERFACE

Standards Compliance	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-T), IEEE802.3 (10BASE-T)
Number of Ports	4
Data Transfer Rates	1000 / 100 / 10 Mbps (Auto Sensing)
Supported Protocols	TCP/IP
File Sharing	CIFS/SMB, AFP, FTP/SFTP/FTPS, NFS, SNMP
Connector Type	RJ-45

CLIENT OS SUPPORT	Windows® 10, Windows® 8.1 (32-bit/64-bit), Windows® 8 (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® 2012, Windows Server® 2012 R2, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2003, Windows® 2000 Server, Mac OS® X up to 10.10

ACCESSORIES

Replacement Hard Drives	**TeraStation 7120:** OP-HD3.0ZS-3Y
Replacement Fan	OP-FAN-2RZ
Replacement Power Supply	OP-PU-2RZ-3Y
Memory Upgrades	OP-MEM-4GX2-3Y, OP-MEM-8GX2-3Y
PCI Express Card	IFC-PCIE2U3S2
Compatible 10 GbE NICs	Emulex: OCe11102-N, OCe11102-I, OCe11102-F Intel: X540T2, E10G42BtDA, E10G41BFSR, E10G42BFSR, E10G41AT2

BOX CONTENTS	TeraStation™, Setup CD-ROM, Ethernet Cable, AC Cable (2), 4-Post Rackmount Rails, Quick Setup Guide, Warranty Statement
INCLUDED SOFTWARE	NASNavigator, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)