

Key Features

- Intel® Xeon® quad core processor
- 12-bay 2U rackmountable (12 - 120 TB)
- Partially or 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 everyday 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).

PRODUCT SPECIFICATIONS

MODELS	TS-2RZSD (TeraStation 7120)	TS-2RZHD (TeraStation 7120 Enterprise)
Part Numbers	TS-2RZS12T04D (12 TB)	TS-2RZH24T12D (24 TB) TS-2RZH48T12D (48 TB) TS-2RZH96T12D (96 TB) TS-2RZH120T12D (120 TB)
Configuration	Rackmount	Rackmount
INTERNAL HARD DRIVES		
Number of Bays	12 x 3.5" HDD	12 x 3.5" HDD
Number of Drives	4	12 (Enterprise HDD)
Hard Drive Capacities	3 TB	2, 4, 6, 8, 10 TB
Total Capacity	12 TB	24, 48, 96, 120 TB
Drive Interface	SATA II/III 6 Gbps	SATA II/III 6 Gbps
Supported RAID	0/1/5/6/10//51/61/JBOD (Individual Disks)	0/1/5/6/10/51/61/JBOD (Individual Disks)
USB INTERFACE		
Standards Compliance	USB 2.0	USB 2.0
Number of Ports	6 Type A	6 Type A
Data Transfer Rates	480 Mbps (USB 2.0)	480 Mbps (USB 2.0)
Expansion Slots	PCI-Express x8 slot x 1, PCI-Express x4 slot x 1	PCI-Express x8 slot x 1, PCI-Express x4 slot x 1
PERFORMANCE		
CPU	Intel® Xeon® Processor E3-1225 (3.10 GHz quad-core)	Intel® Xeon® Processor E3-1275 (3.40 GHz quad-core)
Memory	4 GB DDR3 RAM (Scalable to 16 GB)	8 GB DDR3 RAM (Scalable to 16 GB)
ENVIRONMENTAL & POWER		
Power Consumption	Max 220W	Max 220W
Power Supply	Internal AC 100-240V Universal, 50/60Hz	Internal AC 100-240V Universal, 50/60Hz
Operating Temperature	41° - 95°F (5° - 35°C)	41° - 95°F (5° - 35°C)
Operating Humidity	20 - 80% non-condensing	20 - 80% non-condensing
SHIPPING		
Dimensions (L x W x H)	29 x 18.9 x 3.46in	29 x 18.9 x 3.46 in
Weight	43 lbs	60.4 lbs
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 TeraStation 7120 Enterprise: OP-HD2.0ZH-3Y, OP-HD4.0ZH-3Y, OP-HD8.0ZH-3Y, OP-HD10.0ZH-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)	

