



# TeraStation™ 71210RH Series



## THE EVOLUTION IN ENTERPRISE NETWORK STORAGE

Buffalo's TS71210RH is a powerful 12-bay rackmount network-attached storage (NAS) product that marks an evolution in enterprise-level data storage solutions. TS71210RH features an Intel® Xeon® quad-core processor, enterprise-grade CMR hard drives (up to 240TB total capacity), and 4 native 10GbE ports to enable a versatile and powerful data storage solution with high throughput and outstanding performance to handle data-intensive IT environments.

Buffalo knows you need a flexible but secure storage solution to safeguard your data, which is why the TS71210RH comes with CPU and RAM expansion options, along with two PCIe expansion slots. Enable SSD caching and attach high-bandwidth network adapters to scale the NAS as your business grows. Optimized for data protection, the TS71210RH runs on a closed system and comes with the cutting-edge Btrfs file system and snapshots for near-instantaneous data protection and recovery and ransomware mitigation.

With iSCSI backup and expansion, virtualization, and cloud support, the TS71210RH can be seamlessly integrated into any IT environment as a dynamic storage solution, including production data storage, mission-critical file server, surveillance, and more.

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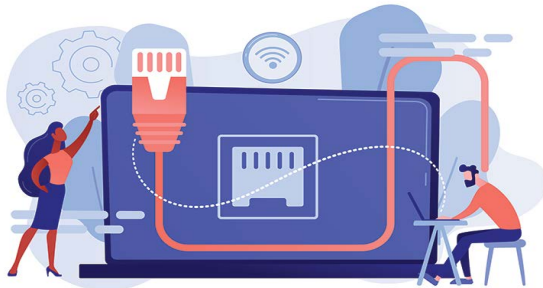
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## Product Highlights

- **Hard Drives Included**  
Available partially- or fully-populated with pre-tested, enterprise-grade CMR hard drives
- **Powerful Performance**  
Enterprise-level server performance to enable a powerful storage platform for modern IT environments
- **High Throughput**  
Four 10GbE ports for optimized network performance
- **Exceptional Versatility**  
Two PCIe Gen 4x8 slots for SSD caching and 25/40GbE network cards
- **Robust Data Protection**  
Acclaimed features such as a closed system, snapshots and Btrfs file system, MFA, drive encryption, and more
- **Warranty/Support**  
5-year product warranty and US-based 24/7 support

## High-Performance Active Storage

TS71210RH delivers enterprise-level server performance and a dynamic and stable platform for data-intensive IT environments. Designed to handle high workloads, the TS71210RH solution can act as production data storage, application server, large-scale data storage and backup, mission-critical file server, and more.

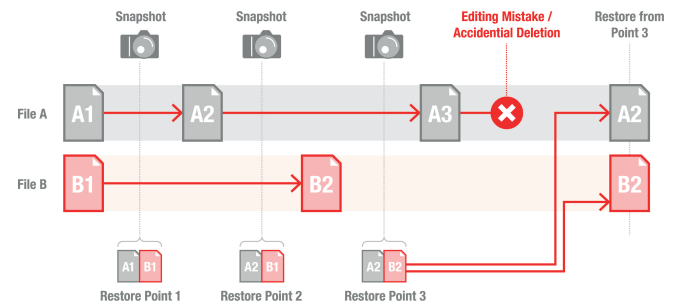


## High Throughput to Accelerate Productivity

The TS71210RH comes with 4 native 10GbE ports that deliver multi-gig Ethernet transfer speeds for any IT environment that requires exceptionally fast network performance. Accelerate your business operations by enabling virtualization solutions and fast data backup/recovery without missing a beat.

## Snapshots for Effortless Data Backup/Recovery

The TS71210RH comes with the cutting-edge Btrfs file system and snapshots so you can easily enable short-term data backup and recovery at near-instantaneous speed. Snapshots allow you to recover single files or an entire storage volume, achieve effortless file versioning, and mitigate ransomware and safeguard against human error with highly-granulated data protection.



## Leverage Virtualization to Improve Operations

Enable fast deployment and integration into Microsoft and VMware virtual environments, and improve working efficiency with increased virtual application performance and greater flexibility in storage capacity planning and allocation. You can also back up virtual machines to the TeraStation to protect your data from hardware failure.

## PCIe Expansion for Enhanced Performance

TS71210RH includes native PCIe expansion to enhance scalability, enabling SSD caching for improved access speed and stability to boost virtualization applications, iSCSI expansion, file services, and other operations. You can also connect 25GbE/40GbE network adapters to further accelerate your IT performance.



MODELS		TS71210 (Partially-Populated)	TS71210 (Fully-Populated)
<b>Part Numbers</b>		TS71210RH3204 TS71210RH4804 TS71210RH6404 TS71210RH8004	TS71210RH9612 TS71210RH14412 TS71210RH19212 TS71210RH24012
<b>Form Factor</b>		8TB x 4 12TB x 4 16TB x 4 20TB x 4 Rackmount	8TB x 12 12TB x 12 16TB x 12 20TB x 12 Rackmount
<b>INTERNAL HARD DRIVES</b>			
<b>Hard Drive Type</b>		Enterprise Grade	Enterprise Grade
<b>Number of Included Drives</b>		4	12
<b>Capacity Range</b>		32, 48, 64, 80TB	96, 144, 192, 240TB
<b>Supported RAID</b>		0 / 1 / 5 / 6 / 10 / JBOD (Individual Disks)	0 / 1 / 5 / 6 / 10 / JBOD (Individual Disks)
<b>PERFORMANCE</b>			
<b>CPU</b>		Intel® Xeon® D-1713NT 2.2GHz Quad-core	Intel® Xeon® D-1713NT 2.2GHz Quad-core
<b>CPU Expansion</b>		Expandable up to 3.5GHz	Expandable up to 3.5GHz
<b>Memory</b>		DDR4 16GB ECC	DDR4 16GB ECC
<b>Memory Expansion</b>		Expandable up to 64GB (16GB x 4)	Expandable up to 64GB (16GB x 4)
<b>SMB Multichannel</b>		Yes	Yes
<b>File System</b>		Btrfs	Btrfs
<b>EXPANSION OPTIONS</b>			
<b>PCIe Expansion</b>		2x PCIe Gen 4x8	2x PCIe Gen 4x8
<b>SSD Caching</b>		Yes	Yes
<b>10GbE (SFP+)</b>		Yes	Yes
<b>25GbE (SFP28)</b>		Yes	Yes
<b>40GbE (QSFP)</b>		Yes	Yes
<b>ENVIRONMENTAL &amp; POWER</b>			
<b>PowerConsumption</b>		Max 500W Data Transfer 251W Idling 238W	Max 500W Data Transfer 251W Idling 238W
<b>Power Supply</b>		Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz
<b>Redundant Power Supply</b>		Yes	Yes
<b>SHIPPING</b>			
<b>Product Dimensions (L x W x H)</b>		29.0 x 18.9 x 3.5 in	29.0 x 18.9 x 3.5 in
<b>Product Weight</b>		41.7 lbs	54.2 lbs
<b>LAN/USB</b>			
<b>Number of LAN Ports</b>		4 (10GBASE-T)	
<b>Data Transfer Rates</b>		10Gbps / 1000Mbps / 100 Mbps / 10Mbps	
<b>Supported Protocols</b>		TCP/IP	
<b>Network File Services</b>		CIFS/SMB, AFP, FTP/FTPS/SFTP, NFS	
<b>Connector Type</b>		RJ-45	
<b>Number of USB Ports</b>		4 (2x USB 3.2 Gen 1, 2x USB 2.0)	
<b>USB Port Type</b>		Type-A	
<b>WARRANTY</b>		5 years (with product registration)	
<b>CLIENT OS SUPPORT</b>		Windows® 11, Windows® 10, Windows® 8.1 (32-bit/64-bit) Windows Server® 2019, Windows Server® 2016, Windows Server® 2012, Windows Server® 2012R macOS® 10.13 or later	
<b>ACCESSORIES</b>			
<b>Compatible Hard Drives</b>		OP-HDHU2 Series OP-NVSSD-512G, OP-NVSSD-2.0T (For SSD Caching)	
<b>Compatible Memory Modules</b>		OP-ECCMEM-16G	

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