



TeraStation™ 71210RH Series



AN 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 to handle data-intensive IT environments.

Optimized for data protection, the TS71210RH comes with the built-in Buffalo Enhanced Security Suite that delivers enterprise-level data protection from day one, with no service contracts or costly add-ons required. Features include low-exposure architecture with no root access for foundational security and immutable snapshots that cannot be altered or deleted.

Buffalo knows you need a flexible but secure storage solution to safeguard your data, which is why the TS71210RH comes with two PCIe slots so you can enable SSD caching and attach high-speed SFP+ or QSFP network adapters to scale NAS performance as your business grows.

With iSCSI backup and expansion, virtualization, and cloud support including Amazon S3 and Wasabi, the TS71210RH can be seamlessly integrated into any IT environment as a dynamic storage and backup solution.

Product Highlights

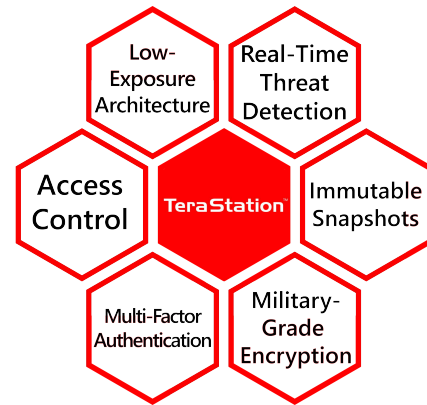
- **Hard Drives Included**
Available partially- or fully-populated with pre-tested, enterprise-grade CMR hard drives
- **Powerful Performance**
Enterprise-level server performance with SSD caching to enable a powerful platform for both active storage and reliable backup
- **High Throughput**
Four native 10GbE ports with SFP+/QSFP network card support for optimized bandwidth
- **High Scalability**
Expandable capacity and RAM, along with SSD caching to meet your current and future needs
- **Robust Data Protection**
Comes with Buffalo Enhanced Security Suite built-in and license-free for foundational data protection.
- **Warranty/Support**
5-year product warranty and US-based 24/7 support



Winner of CRN's 2023 Product of the Year in the SMB Storage Category!

Enhanced Data Protection Built-In

The TS71210RH includes the Buffalo Enhanced Security Suite, which are built-in and subscription-free enterprise security features to help you stay ahead of evolving cyberthreats, including a low-exposure architecture with no root access, real-time threat detection for proactive ransomware protection, and immutable snapshots for enhanced storage and backup.

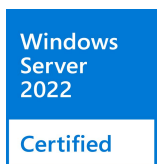


High Throughput to Accelerate Productivity

With 4 native 10GbE ports, TS71210RH provides high bandwidth for blazing fast transfer speeds to accelerate any modern IT environment. Optimize data operations with efficient file sharing for collaboration, virtualization solutions, and fast data backup/recovery without missing a beat.

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, large-scale data storage and backup, mission-critical file server, and more.



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 TS71210RH to protect your data from hardware failure.

PCIe Expansion for Enhanced Performance

The TS71210RH offers PCIe expansion so it can evolve with your storage needs. SSD caching can improve access speed and stability to boost virtualization applications, iSCSI expansion, and other operations. You can also connect SFP+/QSFP network cards to further accelerate your network performance.



MODELS		TS71210 (Partially-Populated)	TS71210 (Fully-Populated)
Part Numbers		TS71210RH3204 TS71210RH4804 TS71210RH6404 TS71210RH8004	TS71210RH9612 TS71210RH14412 TS71210RH19212 TS71210RH24012
Form Factor		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
INTERNAL HARD DRIVES			
Hard Drive Type		Enterprise Grade	Enterprise Grade
Number of Included Drives		4	12
Capacity Range		32, 48, 64, 80TB	96, 144, 192, 240TB
Supported RAID		0 / 1 / 5 / 6 / 10 / JBOD (Individual Disks)	0 / 1 / 5 / 6 / 10 / JBOD (Individual Disks)
PERFORMANCE			
CPU		Intel® Xeon® D-1713NT 2.2GHz Quad-core (Turbo Boost up to 3.5GHz)	Intel® Xeon® D-1713NT 2.2GHz Quad-core (Turbo Boost up to 3.5GHz)
Memory		DDR4 16GB ECC	DDR4 16GB ECC
Memory Expansion		Expandable up to 64GB (16GB x 4)	Expandable up to 64GB (16GB x 4)
File System		Btrfs	Btrfs
EXPANSION OPTIONS			
PCIe Expansion Ports		2x PCIe Gen 4x8	2x PCIe Gen 4x8
SSD Caching		Yes	Yes
10GbE (SFP+)		Yes	Yes
25GbE (SFP28)		Yes	Yes
40GbE (QSFP)		Yes	Yes
ENVIRONMENTAL & POWER			
Power Consumption		Max 500W Data Transfer 251W Idling 238W	Max 500W Data Transfer 251W Idling 238W
Power Supply		Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz
Power Cable		NEMA 5-15, NEMA C13/C14	NEMA 5-15, NEMA C13/C14
Redundant Power Supply		Yes (Included)	Yes (Included)
SHIPPING			
Product Dimensions (L x W x H)		29.0 x 18.9 x 3.5 in	29.0 x 18.9 x 3.5 in
Product Weight		41.7 lbs	54.2 lbs
LAN/USB			
Number of LAN Ports		4 (10GBASE-T)	
Data Transfer Rates		10Gbps / 1000Mbps / 100 Mbps / 10Mbps	
Supported Protocols		TCP/IP	
Network File Services		CIFS/SMB, AFP, FTP/FTPS/SFTP, NFS	
Connector Type		RJ-45	
Number of USB Ports		4 (2x USB 3.2 Gen 1, 2x USB 2.0)	
USB Port Type		Type-A	
WARRANTY		5 years with Next Business Day Services on all components, including hard drives (with product registration)	
CLIENT OS SUPPORT		Windows® 11, Windows® 10, Windows® 8.1 (32-bit/64-bit) Windows Server® 2022, Windows Server® 2019, Windows Server® 2016, Windows Server® 2012, Windows Server® 2012R macOS® 10.13 or later	
ACCESSORIES			
Compatible Hard Drives		OP-HDHU2 Series OP-NVSSD-512G, OP-NVSSD-2.0T (For SSD Caching)	
Compatible Memory Modules		OP-ECCMEM-16G	

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