



TeraStation™ 5010 Series

TS5210DN, TS5410DN, TS5410RN, TS51210RH



A COST-EFFECTIVE SMB SOLUTION

Buffalo's TeraStation 5010 series was built for small and medium sized businesses seeking an easy and cost-effective 10GbE platform. The TS5010 is a network attached storage (NAS) solution with iSCSI protocol designed to move SMB data at enterprise-level speeds and eliminate the bottlenecks that can occur on slower networks.

The TS5010 series is designed to run multiple concurrent services seamlessly with minimal performance degradation, and is ideal for organizations looking to add an affordable virtualized storage to their business network. Branch offices no longer need full-scale server infrastructure for simple tasks such as file sharing and backup. The combination of the TS5010 and Buffalo's 10GbE compatible series of business switches creates faster than ever data transfer speeds. The TS5010 series features quad-core processors

The TS51210RH model is available in partially-populated units with 16 or 32 TB, and fully-populated units with 48 or 96 TB. Partially populated models are ideal for users needing a small start with less initial investment. The TS51210RH also features 8GB of memory.

For ease of use and deployment, NAS-grade hard drives are included in all TS5010 series except the TS51210RH, which utilizes enterprise-grade hard drives. These drives are built and tested to withstand the stress of always-on operation removing the uncertainty and delay caused by having to select 3rd party drives. Buffalo is always available to help 24/7 with US-based technical support. We can help with questions during installation or any time you need us.

- High-speed native 10GbE connection
- NAS- & Enterprise(TS51210RH)-grade hard drives designed for always-on operation
- Boot Authentication ensures the device is only accessible on authorized networks
- Hardware designed to provide simultaneous usage under heavy load operations
- Rapid RAID mode change
- Data replication protection and encryption
- Option of full or partially populated (TS51210RH only)
- Integrated cloud backup with Dropbox, Dropbox Business and Amazon S3
- NovaStor backup software that provides server and workstation licensing
- Reduced system downtime with Duplex Firmware
- Advanced NTFS Permissions (Windows ACL)



AT BUFFALO, WE'RE ALWAYS ON

We're working hard at Buffalo to make technology painless for customers. That starts with designing products that are reliable and easy to deploy. Our 24/7 US-based support experts can help de-mystify technology and select the solutions that are right for your business. We're also available to resolve questions that may come up during installation or once the solution has been implemented. Our goal is to make things easier for you and to help you be successful – give us a call!

SMB SOLUTION: 50-100 USERS

MODELS	TS5210DN (2-BAY)	TS5410DN (4-BAY)	TS5410RN (4-BAY RACKMOUNT)	TS51210RH (12-BAY RACKMOUNT)
Part Numbers	TS5210DN0402 TS5210DN0802	TS5410DN0804 TS5410DN1604 TS5410DN2404	TS5410RN0804 TS5410RN1604 TS5410RN2404	TS51210RH1604 TS51210RH3204 TS51210RH4812 TS51210RH9612
Configuration	Desktop	Desktop	Rackmount	Rackmount
INTERNAL HARD DRIVES				
Number of Drives	2	4	4	4 or 12
Capacity Range	4, 8 TB	8, 16, 24 TB	8, 16, 24 TB	16, 32, 48, 96 TB
Drive Interface	SATA 6 Gbps	SATA 6 Gbps	SATA 6 Gbps	SATA 6 Gbps
Supported RAID	0/1/JBOD (Individual Disks)	0/1/5/6/10/JBOD (Individual Disks)	0/1/5/6/10/JBOD (Individual Disks)	0/1/5/6/10/JBOD (Individual Disks)
USB INTERFACE				
Standards Compliance	USB 3.0	USB 3.0	USB 3.0	USB 3.0 / USB 2.0
Connector Type	A type	A type	A type	A type
Number of Ports	2x USB 3.0	2x USB 3.0	3x USB 3.0	2x USB 3.0, 2x USB 2.0
Data Transfer Rates	5 Gbps	5 Gbps	5 Gbps	5 Gbps / 480 Mbps
PERFORMANCE				
CPU	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)
Memory	4 GB DDR3 with ECC	4 GB DDR3 with ECC	4 GB DDR3 with ECC	8 GB DDR3 with ECC
ENVIRONMENTAL & POWER				
Power Consumption	Max 85W	Max 85W	Max 100W	Max 122W
Power Supply	Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz Optional dual power supply available
Operating Temperature	32° - 104°F (0° - 40°C)	32° - 104°F (0° - 40°C)	32° - 104°F (0° - 40°C)	32° - 104°F (0° - 40°C)
Operating Humidity	10 - 85% non-condensing	10 - 85% non-condensing	10 - 85% non-condensing	10 - 85% non-condensing
SHIPPING				
Unit Dimensions (LxWxH)	9.06 x 6.69 x 6.69 in	9.06 x 6.69 x 8.46 in	16.93 x 16.93 x 1.74 in	29.01 x 18.94 x 3.46 in
Unit Weight	10.58 lbs	15.43 lbs	18.52 lbs	41.67 - 53.13 lbs
Package Dimensions (LxWxH)	14.09 x 12.24 x 12.60 in	14.06 x 12.17 x 14.29 in	23.03 x 21.26 x 7.87 in	38.50 x 22.91 x 10.16 in
Package Weight	13 lbs	19.62 lbs	23.37 lbs	63.05 - 74.03 lbs
LAN INTERFACE				
Standards Compliance	IEEE802.3an (10GBASE-T), IEEE802.3bz (5GBASE-T/2.5GBASE-T), IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX), IEEE802.3 (10BASE-T)			
Number of Ports	1 (10GBASE-T)*, 2 (1000BASE-T)		*TS51210RH includes an additional 10GBASE-T port	
Data Transfer Rates	10 Gbps / 1000 Mbps / 100 Mbps / 10 Mbps			
Supported Protocols	TCP/IP			
Network File Services	CIFS/SMB, AFP, FTP, SFTP, NFS, SNMP			
Connector Type	RJ-45			
CLIENT OS SUPPORT	Windows® 10, Windows® 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Server® 2012, Windows Server® 2012R2, Windows Server® 2008, Windows Server® 2008R2, Mac® OS® X 10.9 or later			
ACCESSORIES				
Compatible Hard Drives	OP-HD2.0N, OP-HD4.0N, OP-HD6.0N, OP-HD4.0H2U*, OP-HD8.0H2U*		*TS51210RH only	
Warranties	3YNBD20, 3YKYD40, 3YKYD30, 3YKYD20, 5YNBD40, 5YNBD30, 5YNBD20, 5YKYD40, 5YKYD30, 5YKYD20			
Additional Power Supply	OP-PU-10R2U (TS51210RH only)			

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