



# TeraStation™ 5010 Series

TS5210DN, TS5410DN, TS5410RN



## 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. Data is protected in a reliable hardware RAID-based storage solution. Because the TeraStation 5010 supports both 2.5 and 5Gb/s, users will find seamless backwards compatibility with legacy networks. The combination of the TS5010 and Buffalo's 10GbE compatible series of business switches creates faster than ever data transfer speeds.

For ease of use and deployment, NAS-grade hard drives are included in the TS5010 series. 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 10GbE connection for the speeds of tomorrow
- NAS-grade hard drives designed to withstand always-on operation
- Boot Authentication ensures the device is only accessible on authorized networks
- Hardware designed to provide simultaneous usage under heavy load operations
- Integrated cloud backup with Dropbox, Dropbox Business and Amazon S3
- Data replication protection and encryption
- NovaStor backup software that provides server and workstation licensing
- Limited three-year warranty on NAS devices, additional warranty services available
- 24/7 US-based technical support



## 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 Part Numbers	TS5210DN (2-BAY) TS5210DN0402 TS5210DN0802	TS5410DN (4-BAY) TS5410DN0804 TS5410DN1604 TS5410DN2404	TS5410RN (4-BAY RACKMOUNT) TS5410RN0804 TS5410RN1604 TS5410RN2404
Configuration	Desktop	Desktop	Rackmount
<b>INTERNAL HARD DRIVES</b>			
Number of Drives	2	4	4
Capacity Range	4, 8 TB	8, 16, 24 TB	8, 16, 24 TB
Drive Interface	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)
<b>USB INTERFACE</b>			
Standards Compliance	USB 3.0	USB 3.0	USB 3.0
Connector Type	A type	A type	A type
Number of Ports	2x USB 3.0	2x USB 3.0	3x USB 3.0
Data Transfer Rates	5 Gbps	5 Gbps	5 Gbps
<b>PERFORMANCE</b>			
CPU	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)	Annapurna Labs® Alpine Processor AL314 (1.7GHz Quad-Core)	Annapurna Labs® Alpine Processor AL314 (1.7GHz Quad-Core)
Memory	4 GB DDR3 with ECC	4 GB DDR3 with ECC	4 GB DDR3 with ECC
<b>ENVIRONMENTAL &amp; POWER</b>			
Power Consumption	Max 85W	Max 85W	Max 100W
Power Supply	Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz	Internal AC 100-240V Universal 50/60Hz
Operating Temperature	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
<b>SHIPPING</b>			
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
Package Weight	13 lbs	19.62 lbs	23.37 lbs
<b>LAN INTERFACE</b>			
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)		
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		
<b>CLIENT OS SUPPORT</b>	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		
<b>ACCESSORIES</b>			
Compatible Hard Drives	OP-HD2.0N, OP-HD4.0N, OP-HD6.0N		
Warranties	3YINBD20, 3YKYD40, 3YKYD30, 3YKYD20, 5YINBD40, 5YINBD30, 5YINBD20, 5YKYD40, 5YKYD30, 5YKYD20		
<b>BOX CONTENTS</b>	TeraStation™, Quick Setup Guide, 6a Ethernet Cable, Rail Kit with Mounting Brackets and Screws*, AC Cable, Front Panel Key**, and Warranty Statement * TS5410RN only **TS5210DN & TS5410DN only		
<b>INCLUDED SOFTWARE</b>	NASNavigator2, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)		

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