

TeraStation™ 5010

Network Attached Storage

BUFFALO™

High performance, reliable storage with built-in 10GbE ports

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 8 or 16 TB, and fully-populated units with 24, 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.



Features and Benefits

- High-speed native 10GbE connection
- 2.5/5Gbps compatible, compliant with NBASE-T (IEEE 802.3bz) standard
- Powered by the high performance Annapurna Labs® Quad-Core processor
- Available in 2-bay and 4-bay desktop models or 4-bay and 12-bay rackmount
- 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)



TS5410DN-EU

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Specifications

Models	TS5210DN (2-bay)	TS5410DN (4-bay)	TS5410RN (4-bay)	TS51210RN (12-bay)
Part Numbers	TS5210DN0402-EU TS5210DN0602-EU TS5210DN0802-EU TS5210DN1202-EU TS5210DN1602-EU	TS5410DN0804-EU TS5410DN1204-EU TS5410DN1604-EU TS5410DN2404-EU TS5410DN3204-EU	TS5410RN0804-EU TS5410RN1204-EU TS5410RN1604-EU TS5410RN2404-EU TS5410RN3204-EU	TS51210RH0804-EU TS51210RH1604-EU TS51210RH2412-EU TS51210RH4812-EU TS51210RH9612-EU
Configuration	Desktop	Desktop	Rackmount 19" 1U	Rackmount 19" 2U
Internal Hard Drives				
Number of Drives	2	4	4	12 (fully populated) 4 (partially populated)
Capacities	2, 3, 4, 6, 8 TB (NAS HDD)			2, 4, 8 TB (Enterprise nearline HDD)
Total Capacities	4, 6, 8, 12, 16 TB	8, 12, 16, 24, 32 TB		8, 16, 24, 48, 96 TB
Drive Interface	SATA 6 Gbps	SATA 6 Gbps	SATA 6 Gbps	SATA 6 Gbps
Supported RAID	JBOD/0/1	JBOD/0/1/5/6/10		
USB Interface				
Standard Compliance	USB 2.0/3.0			
Connector Type	A type			
Number of Ports	2x USB 3.0		3x USB 3.0	2 x USB 2.0, 2 x USB 3.0
Data Transfer Rates	480 Mbps / 5 Gbps			
System / Performance				
CPU	Annapurna Labs® Alpine Processor AL314 (1.7 GHz Quad-Core)			
RAM	4 GB DDR3 with ECC			8 GB DDR3 with ECC
Environmental & Power				
Power Unit	1	1	1	1 (2nd optional)
Power Consumption	Max 85W		Max 100W	max. 500 W; average active: 122 W; average idle: 100 W; standby: 3.9 W
Power Supply	Internal AC 100-240V, Universal 50/60Hz			
Operating Temperature	0° - 40°C			
Operating Humidity	10 - 85% non-condensing			
Shipping				
Dimensions (WxHxD)	170 x 170 x 230 mm	170 x 215 x 230 mm	430 x 44.3 x 430 mm	481 x 88 x 736.9 mm
Weight	4.8 kg	7 kg	8.4 kg	20 kg (main unit with 4 HDDs) 25 kg (main unit with 12 HDDs)
LAN Interface				
Standards Compliance	(10BASE-T) IEEE802.3, (100BASE-TX) IEEE802.3u, (1000BASE-T) IEEE802.3ab, (10GBASE-T) IEEE802.3an, (NBASE-T) IEEE802.3bz			
Number of Ports	1 (10GBASE-T), 2 (1GBASE-T)			2 x 10GBASE-T, 2 x 1GBASE-T
Data Transfer Rates	10/100/1000 Mbps / 2.5/5/10 Gbps			
Supported Protocols	TCP/IP			
Network File Services	CIFS/SMB, AFP, FTP, SFTP, NFS, SNMP			
Connector Type	RJ-45			
Other				
Client OS Support	Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2008, Mac® OS® X 10.9 or later			
Included Software	NASNavigator2, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)			
Box Contents	TeraStation™, Quick Setup Guide, 6a Ethernet Cable, AC Cable, Front Panel Key and Warranty Statement		TeraStation™, Quick Setup Guide, 6a Ethernet Cable, Rail Kit with Mounting Brackets and Screws, AC Cable and Warranty Statement	
Accessories				
Compatible Hard Drives	OP-HD2.0N, OP-HD3.0N, OP-HD4.0N, OP-HD6.0N, OP-HD8.0N			OP-HD2.0H2U, OP-HD4.0H2U, OP-HD8.0H2U
Redundant Power Unit	OP-PU-10R2U			
Warranty extensions	TBA			



About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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