

TeraStation™ 5010

Network Attached Storage

BUFFALO™

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

Buffalo's TeraStation 5010 series is a high performance network storage solution ideal for businesses and demanding users requiring a reliable RAID-based network storage solution for business critical applications. Increased speed and reliability is achieved with a 10GbE connection and hard drives built for always-on NAS devices. With the powerful Annapurna Labs® Alpine AL314 1.7Ghz Quad-Core processor, TeraStation 5010 provides exceptional performance during file transfers and everyday NAS functions.

With a built-in 10GbE port, the TeraStation 5010 series delivers high speed and stability, along with a RAID accelerator* for more secure and efficient operation. The combination of the TeraStation 5010 NAS and Buffalo's 10GbE compatible series of business switches creates faster than ever data transfer speeds. The TeraStation 5010 series is also compatible with a multi-gigabit 5/2.5Gbps connection.

TeraStation 5010 runs many services simultaneously and is able to focus on concurrent tasks with minimal performance degradation. Thanks to the newly added Duplex system firmware boot the TS5010 is protected from boot failure. Duplex system means the firmware is located on the hard drives and on the mainboard. If either one fails, the system will boot from the other and recover the broken FW. TeraStation 5010 is packed with business class features such as high efficiency air flow chassis, dust filter, high speed RAID switching, Active Directory support, disk quota support, share level replication, failover support, 10GbE port, dual gigabit Ethernet ports, hot-swap hard drives, iSCSI targeting and USB 3.0 accessory support.



Features and Benefits

- Powered by the high performance Annapurna Labs® Quad-Core processor with 4GB of fast DDR3 ECC memory installed
- 1 x 10GbE network port, 2 x 1GbE network port
- 2.5/5Gbps compatible, compliant with NBASE-T (IEEE 802.3bz) standard
- Available in 2-drive and 4-drive desktop models or 4-drive rackmount
- RAID accelerator*
- Reliable NAS hard drives
- Duplex System Firmware Boot
- Easy backup software NovaBACKUP® (11 licenses of NovaBACKUP® Buffalo Edition)
- Three-year warranty; additional warranty services available
- Supported by Windows, Windows Server and Mac® OS
- Data replication
- Simultaneous NAS and iSCSI target functionality
- Hot-swap SATA hard drives
- WebAccess: easily open TeraStation™ files from a remote site or with WebAccess Apps available for Windows, iOS, and Android®USB 3.0 accessory support
- Integrated cloud backup with Dropbox, Dropbox Business and Amazon S3



*RAID accelerator for RAID 5/6 only

TS5410DN-EU

Specifications

Models	TS5210DN (2-bay)	TS5410DN (4-bay)	TS5410RN (4-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
Configuration	Desktop	Desktop	Rackmount
Internal Hard Drives			
Number of Drives	2	4	4
Capacities	2, 3, 4, 6, 8 TB (NAS HDD)	2, 3, 4, 6, 8 TB (NAS HDD)	2, 3, 4, 6, 8 TB (NAS HDD)
Total Capacities	4, 6, 8, 12, 16 TB	8, 12, 16, 24, 32 TB	8, 12, 16, 24, 32 TB
Drive Interface	SATA 6 Gbps	SATA 6 Gbps	SATA 6 Gbps
Supported RAID	JBOD/0/1/	JBOD/0/1/5/6/10/	JBOD/0/1/5/6/10/
USB Interface			
Standard 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
System / 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)
RAM	4 GB DDR3 with ECC	4 GB DDR3 with ECC	4 GB DDR3 with ECC
Environmental & Power			
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	0° - 40°C	0° - 40°C	0° - 40°C
Operating Humidity	10 - 85% non-condensing	10 - 85% non-condensing	10 - 85% non-condensing
Shipping			
Dimensions (WxHxD)	347 x 298 x 232 mm	347 x 343 x 232 mm	543 x 533 x 180 mm
Weight	4,5 kg	8 kg	9 kg
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)		
Data Transfer Rates	10/100/1000 Mbps / 10Gbps		
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 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® XP, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2003, Windows Server® 2003 R2, Mac® OS® X 10.5 or later		
Included Software	NASNavigator2, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)		
Accessories			
Compatible Hard Drives	OP-HD2.0N, OP-HD4.0N, OP-HD6.0N		



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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