TeraStation™ 5010 Series
TS5210DN, TS5410DN, TS5410RN, TS5810DN, TS51210RH

HIGH PERFORMANCE BUSINESS CLASS SCALABLE STORAGE SOLUTION

TeraStation 5010 is a high performing business-class network attached storage (NAS) featuring powerful processing power and native 10GbE support. Accelerate speed and overall performance with business class processing power supporting 100 concurrent sessions with sustained performance even during heavy-load operations. The TS5010 family comes with NAS/Enterprise grade hard drives* included with partially populated models to fit today's needs while planning for tomorrow's storage concerns. Partially populated models include 4 & 8 bay desktop and 4 & 12 bay rackmount units.

TeraStation 5810DN is an eight bay desktop system featuring a native 10GbE port. Base models ship with NAS-grade hard drives allowing future scalability. Users with defined storage needs can order fully populated models with eight NAS-grade hard drives up to 64TB of storage capacity.

TeraStation 51210RH is a 2U rackmount system offering scalability. Base models ship with four enterprise-grade hard drives allowing users to meet future storage demands by simply adding additional hard drives. Users with defined storage needs have the ability to select fully populated systems with twelve enterprise-grade hard drives included up to 144TB total storage capacity. TeraStation 51210RH includes dual 10GbE ports and a rail kit for easy deployment.

Strong Performance

- Premium grade components (NAS & Enterprise-grade hard drives)
- Up to 2 native 10GbE ports* Quad-core Annapurna processor
- VMware certified (iSCSI & NFS certifications)*

Simple Experience

- Hard drives included*
- Industrial-grade internal power supply
- Pre-configured RAID enabled systems
- 24/7 North American based support

Enhanced Security and Reliability

- 256-bit AES encryption
- Premium metal chassis with Kensington security slot and front panel lock*
- Boot Authentication - locks device until authenticated on network in case of theft
- Duplex Firmware for reduced system downtime

Business Class Solutions

- Private & 3rd party integrated cloud support
- Novastor Business Essentials server and workstation licensing
- Use cases include: Virtualized storage target, Offsite disaster recovery, and File sharing & local backup

AT BUFFALO, WE'RE ALWAYS ON

At Buffalo, we work hard to make sure peace of mind is included with all Buffalo products. This starts with products that are reliable, easy to deploy and supported after the sale. Our 24/7 North American-based team is on hand to help identify solutions that are the right fit for your business. Once your product is deployed our team is available to resolve any questions or issues.

*TS5210DN, TS5410DN, TS5810DN and TS5410RN ship with NAS-grade hard drives. TS51210RH ship with enterprise-grade hard drives and two native 10GbE ports.
*TS5210DN, TS5410DN, TS5810DN include Kensington security slot and front panel lock

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High Performance Scalable Solution

MODELS	TS5210DN (2-BAY)	TS5410DN (4-BAY)	TS5410RN (4-BAY)	TS5810DN (8-BAY)	TS51210RH (12-BAY)
Part Numbers	TS5210DN0402 2 X 2TB TS5210DN0802 2 X 4TB	TS5410DN0804 4 X 2TB TS5410DN1604 4 X 4TB TS5410DN2404 4 X 6TB TS5410DN3204 4 X 8TB TS5410DN0402 2 X 2TB TS5410DN0802 2 X 4TB TS5410DN1602 2 X 8TB	TS5410RN0802 2 X 4TB TS5410RN0804 4 X 2TB TS5410RN1602 2 X 8TB TS5410RN1604 4 X 4TB TS5410RN2404 4 X 6TB TS5410RN3204 4 X 8TB	TS5810DN1604 4 X 4TB TS5810DN3204 4 X 8TB TS5810DN3208 8 X 4TB TS5810DN6408 8 X 8TB	TS51210RH1604 4 X 4TB TS51210RH3204 4 X 8TB TS51210RH4004 4 X 10TB TS51210RH4804 4 X 12TB TS51210RH4812 12 X 4TB TS51210RH9612 12 X 8TB TS51210RH12012 12 X 10TB TS51210RH14412 12 X 12TB
Form Factor	Desktop	Desktop	Rackmount	Desktop	Rackmount
INTERNAL HARD DRIVES	NAS Grade	NAS Grade	NAS Grade	NAS Grade	Enterprise Grade
Number of included Drives	2	2 or 4	2 or 4	4 or 8	4 or 12
Total Capacity	4 & 8 TB	4, 8, 16, 24 & 32 TB	8, 16, 24 & 32 TB	16, 32 & 64 TB	16, 32, 40, 48, 96, 120, & 144TB
Drive Interface	SATA III (6 Gbps)	SATA III (6 Gbps)	SATA III (6 Gbps)	SATA III (6 Gbps)	SATA III (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)	0/1/5/6/10/JBOD (Individual Disks)
USB INTERFACE					
Number of Ports	2x USB 3.0	2x USB 3.0	3x USB 3.0	3x USB 3.0	2x USB 3.0, 2x USB 2.0
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)	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	4 GB DDR3 with ECC	8 GB DDR3 with ECC
ENVIRONMENTAL & POWER					
Power Consumption	Max 85W Data Transfer 45W Idling 32W	Max 85W Data Transfer 56W Idling 45W	Max 100W Data Transfer 60W Idling 46W	Max 150W Data Transfer 108W Idling 87W	Max 500W Data Transfer 122W Idling 100W
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	**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)	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	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 x1.74 in	11.81 x 8.46 x 9.06 in	29.01 x 18.94 x 3.46 in
Unit Weight	10.58 lbs	15.43 lbs	18.52 lbs	20.72 - 27.55 lbs	41.67 - 53.13 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 second 10GBASE-T port
File Share Protocal	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® 2016, Windows Server® 2012, Windows Server® 2012R2, Windows Server® 2008, Windows Server® 2008R2, Mac® OS® X 10.9 or later
WARRANTY	Comes with standard 3-year warranty. TS51210RH features standard 5-year warranty when registered within 90 days of purchase
ACCESSORIES Warranties	Enhanced Warranty, Keep Your Drive Warranty Service, Next Business Day Warranty Service
**Optional Redundant Power Supply	OP-PU-10R2UWR (TS51210RH only)

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