

## TeraStation™ 3010 Network Attached Storage

### Great value, high performance NAS

The TeraStation™ 3010 series (TS3210DN, TS3410DN, TS3410RN) is a high-performance, cost-effective Network Attached Storage (NAS) solution, ideal for small businesses and demanding small office and home office (SOHO) users. With a powerful Annapurna Labs Alpine AL-212 1.4 GHz dual-core processor, it provides speedy transfer rates and stable operation during heavy-load work tasks. The robust central processing unit (CPU) and 1 GB of DDR3 RAM means it can run multiple services simultaneously. This allows businesses to focus on concurrent tasks with minimal performance degradation.

The TS3010 series is ready to use with a fast, user-friendly interface. It comes with dedicated NAS hard drives for higher reliability and essential features to support your business, such as Active Directory, iSCSI target, cloud backup (Amazon S3, Dropbox and Dropbox for Business). The 'Duplex system firmware boot' protects the TS3010 from boot failure. With the firmware located on both the hard drive and the mainboard, if one fails, the system will function and recover from the other.

TS3010 protects your data with RAID, and hot swap functionality allows users to change disks without downtime. For additional data security, the device also comes with boot authentication, disk encryption and 11 free NovaStor NovaBACKUP® Buffalo Edition licenses.

The high efficiency airflow chassis is combined with an easy to clean dust-filter, which provides reliable and long-term use. The two Gigabit Ethernet ports, two USB 3.0 ports, also provides users with a versatile and feature-rich NAS.

The TS3010 series comprises a 2-bay desktop NAS TS3210DN and the 4-bay desktop and rackmount versions TS3410DN and TS3410RN. All three versions are fully populated with capacities of 2 to 8 TB for the 2-bay and 4 to 16 TB for the 4-bay version.

## Features and Benefits

- Available as 2-bay desktop as well as 4-bay desktop or rackmount version
- Fully populated with 2, 4, or 8 TB (TS3210DN) and 4, 8, 12 or 16 TB capacities (TS3410DN/RN)
- Annapurna Labs Alpine AL-212 1.4 GHz dual-core processor
- 1 GB of fast DDR3 memory installed
- Simultaneous NAS and iSCSI target functionality
- Duplex System Firmware Boot
- NAS HDD
- Packed with rich backup features:
  - Failover
  - Replication
  - Scheduled Backup
  - NovaStor NovaBACKUP® (11 licenses of NovaBACKUP® Buffalo Edition)
  - Supports Amazon S3 and Dropbox/Dropbox for Business cloud storage service
- Boot Authentication feature
- Hot Swap: Change drives in RAID without down time
- WebAccess: easily open TeraStation™ files via browser from a remote site or with WebAccess Apps available for iOS and Android®
- Intuitive interface and management GUI
- The rackmount version TS3410RN comes ready-to-use with a rail kit included in the box
- 3 year VIP warranty included, Extended Warranty available

## About BUFFALO

BUFFALO 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 four 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.

# Specifications

Models	TS3210DN (2-bay)	TS3410DN (4-bay)	TS3410RN (4-bay)
Part Numbers	2 TB TS3210DN0202-EU 4 TB TS3210DN0402-EU 8 TB TS3210DN0802-EU	4 TB TS3410DN0404-EU 8 TB TS3410DN0804-EU 8 TB TS3410DN0802-EU 12 TB TS3410DN1204-EU 16 TB TS3410DN1604-EU	4 TB TS3410RN0404-EU 8 TB TS3410RN0804-EU 12 TB TS3410RN1204-EU 16 TB TS3410RN1604-EU
Configuration	Desktop	Desktop	Rackmount
<b>Internal Hard Drives</b>			
Number of Drives	2	4 (fully populated), 2 (partially populated)	4
Capacities	1, 2, 4 TB (NAS HDD)	1, 2, 3, 4 TB (NAS HDD)	1, 2, 3, 4 TB (NAS HDD)
Total Capacities	2, 4, 8 TB	4, 8, 12, 16 TB	4, 8, 12, 16 TB
Drive Interface	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s
Supported RAID	JBOD/0/1	JBOD/0/1/5/6/10	JBOD/0/1/5/6/10
<b>USB Interface</b>			
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
<b>System / Performance</b>			
CPU	Annapurna Labs® Alpine Processor AL212 (1.4 GHz Dual-Core)	Annapurna Labs® Alpine Processor AL212 (1.4 GHz Dual-Core)	Annapurna Labs® Alpine Processor AL212 (1.4 GHz Dual-Core)
RAM	1 GB DDR3	1 GB DDR3	1 GB DDR3
<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	0° - 40°C	0° - 40°C	0° - 40°C
Operating Humidity	10 - 85% non-condensing	10 - 85% non-condensing	10 - 85% non-condensing
<b>Shipping</b>			
Dimensions (WxHxD)	170 x 170 x 230 mm	170 x 215 x 230 mm	430 x 44.3 x 430 mm
Weight	4,8 kg	7 kg	8,4 kg
<b>LAN Interface</b>			
Number of Ports	2		
Data Transfer Rates	10/100/1000 Mbps		
Supported Protocols	TCP/IP		
Network File Services	CIFS/SMB, AFP, FTP, SFTP, NFS, SNMP		
Connector Type	RJ-45		
<b>Other</b>			
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)		
<b>Accessories</b>			
Compatible Hard Drives	OP-HD1.0N, OP-HD2.0N, OP-HD4.0N	OP-HD1.0N, OP-HD2.0N, OP-HD3.0N, OP-HD4.0N	OP-HD1.0N, OP-HD2.0N, OP-HD3.0N, OP-HD4.0N
Warranty extensions	TBA		

