

# TeraStation™ 5000

## Network Attached Storage

**BUFFALO™**

TS5400DWR / TS5400RWR

# TeraStation™ 5400

Buffalo's TeraStation™ 5400DWR and 5400RWR series deliver top-of-class 4-bay Network Attached Storage for small, medium, and growing businesses and come fully populated with high-reliability WD Red™ drives.

TeraStation™ 5400 series NAS are equipped with the powerful Intel® Atom™ Dual-Core Processor and protect your data with multiple levels of RAID for customisable capacity and redundancy depending on your specific needs.

Another added bonus: the TS5400 series also comes with 10 free NovaStor NovaBACKUP® licenses.

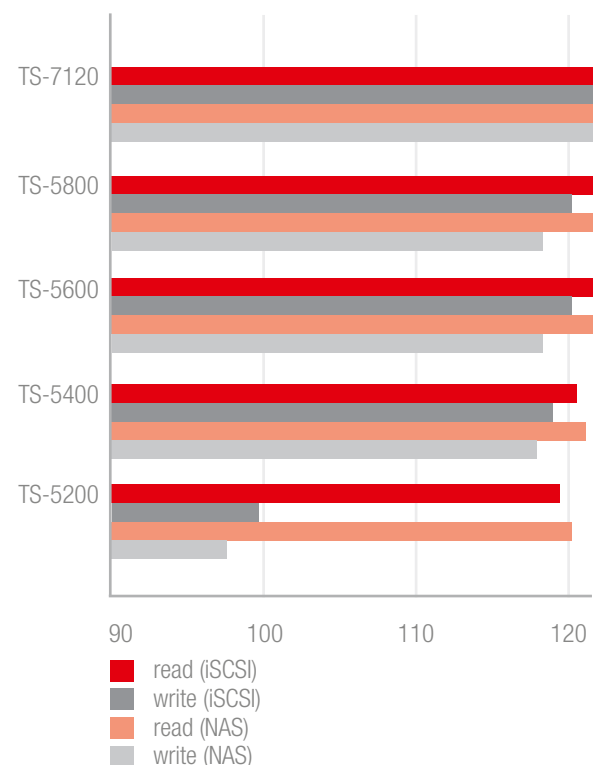
Further, the TS5400 comes in both Desktop and Rackmount versions and provides important features to support your business such as Active Directory support, IP camera recording, iSCSI target, and 2GB of fast DDR3 memory installed. All of this, together with two Gigabit Ethernet ports, two SuperSpeed USB 3.0 ports, and two USB 2.0 ports, gives users a fast, versatile, and feature-rich NAS.

Buffalo's TS5400DWR and TS5400RWR come fully populated with high-reliability WD Red drives, and total capacities of 4, 8, 12, or 16TB.



## Features and Benefits

- Fully populated with high-reliability WD Red™ drives and total capacities of 4, 8, 12, or 16TB
- Powered by the Intel® Atom™ Dual Core processor with 2GB of fast DDR3 memory installed
- RAID 0/1/5/6/10/JBOD
- Simultaneous NAS and iSCSI target functionality
- VMware® Certified for NFS
- Citrix Ready
- Buffalo Surveillance Server - record IP camera stream directly on your TeraStation™
- Packed with rich backup features:
  - Failover
  - Replication
  - Scheduled Backup
  - NovaStor NovaBACKUP® (10 licenses of NovaBACKUP® Business Essentials)
  - Supports Amazon S3 cloud storage service
  - Hot Spare: Have a spare drive if a RAID fails
  - Hot Swap: Change drives in RAID without down time
- WebAccess: easily open TeraStation™ files from a remote site or with WebAccess Apps available for Windows, iOS, and Android®
- 3 years warranty and VIP service included: 24h\* HDD exchange, no pre-payment required



**Test environment:** N-Tec Rackmount Server Windows Server 2008R2, Dual XEON 32 GB RAM, 2 x IntelPRO/1000Dual = 4 x Gigabit NIC; Cisco SG300-10P 10 Port managed Gigabit with PoE.

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## Network Attached Storage



TS5400DWR / TS5400RWR

## Specifications

Hardware	
<b>System</b>	
CPU	Intel® Atom™ D2550 dual core/Intel® Atom™ D2700 dual core (TS5400r)
RAM	2GB DDR3
HDD interface	SATA 3Gb/s
<b>Internal Hard Drives</b>	
Number of Drives	4
Capacities	WD Red™ 1, 2, 3, or 4TB
Total Capacities	4, 8, 12, 16TB
<b>Interfaces</b>	
<b>LAN</b>	
Connector Type	RJ-45
Number of Ports	2
Data Transfer Rates	10/100/1000Mb/s
<b>USB</b>	
Standard Compliance	USB 2.0/USB 3.0
Connector Type	USB Type A
Number of Ports	2 x USB 2.0/2 x USB 3.0/1x front USB3.0 (on rackmount only)
Data Transfer Rates	480Mb/s USB 2.0/5Gb/s USB 3.0
<b>Serial Port</b>	
Connector Type	D-SUB 9pin
Number of Ports	1
<b>Other</b>	
Supported OS	Windows 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows® 2000, Windows Server® 2008, Windows Server® 2003, Windows® 2000 Server, Mac OS® X 10.4-10.7
Dimensions	231 x 170 x 216 mm/430 x 44.3 x 420 mm (TS5400r)
Weight	8kg/9kg (TS5400r)
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	Max. 96W
Power Supply	Internal AC 100-240V Universal, 50/60Hz
<b>Software</b>	
<b>System</b>	
Raid Support	RAID 0/1/5/6/10/JBOD
Hot Spare	Have a spare drive if a Raid fails
Hot Swap	Change drives in RAID without down time
HDD encryption	Data cannot be read on other machines
SoleraTec™ Phoenix RSM™ video surveillance management software	1 free camera license, more can be added, manages storage pool and camera pool, supports cameras from 184 vendors and manual settings for RTSP
DFS	DFS name space support
SNMP	Network monitoring
User Quota	Space limitation for users/groups
iSCSI	Simultaneous NAS and iSCSI target functionality
<b>Protocol Support</b>	
Networking	TCP/IP
File Sharing	CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS
AD Integration	LDAP
Management	HTTP/HTTPS
Time Synchronisation	NTP
Camera	RTSP
<b>Backup</b>	
Failover	Failover solution with other Buffalo NAS
Replication	Synchronise folders on 2 TeraStations
Time Machine	Time Machine target for multiple clients
S3 Amazon cloud support	Use Amazon professional cloud services
Backup	Built-in backup to USB storage or other Buffalo NAS based on rsync
NovaBackup® Business Essentials	Professional backup software for Windows clients
<b>Remote Access</b>	
Web UI	HTTP/HTTPS
FTP Sever	FTP/SFTP
WebAccess	WebAccess a convenient solution for file access, also available for Smartphones and Tablets

### Product Part Numbers

TS5400DWR0404-EU TS5400RWR0804-EU  
 TS5400DWR0804-EU TS5400RWR1204-EU  
 TS5400DWR1204-EU TS5400RWR1604-EU  
 TS5400DWR1604-EU



## 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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