

# TeraStation™ 5000

## Network Attached Storage

**BUFFALO**™

TS5800DWR

# TeraStation™ 5800DWR

Buffalo's TeraStation™ 5800DWR series delivers top-of-class 8-bay Network Attached Storage and comes fully populated with high-reliability WD Red™ drives: perfect for production environments, medium, large, and growing businesses, and overall demanding users.

The TS5800DWR performs exceptionally during file transfers and everyday NAS functions thanks to its powerful Intel® Atom™ D2700 dual core processor, 2GB of fast DDR3 memory, and five USB ports – including two USB2.0 and three SuperSpeed USB 3.0.

The TS5800DWR also includes business-critical applications such as IP camera recording, remote access, support for iSCSI target, and numerous levels of RAID for customisable capacity and redundancy depending on your specific needs. The TS5800DWR is packed with backup features such as Failover, Replication, Scheduled Backups, and a special Buffalo Media Cartridge feature that works like a tape media back-up. The TS5800DWR is also Citrix Ready and VMware® certified.

Managing data, backups, and data sharing is made easy with Buffalo's TS5800DWR, now fully populated with high-reliability WD Red drives and available in total capacities of 8, 16, 24, or 32TB.



TeraStation™ 5800 DWR

## Features and Benefits

- Available fully populated with high-reliability WD Red hard drives in total capacities of 8, 16, 24, or 32TB
- Powered by the latest Intel® Atom™ Dual Core/4 threads
- Dual core delivers great performance and is ideal for small and medium businesses
- 2GB of fast DDR3 memory installed
- Faster transfer of large files, faster access from multiple computers
- Buffalo Surveillance Server – record IP camera stream directly on TeraStation™
- Works simultaneously as NAS and iSCSI
- Citrix Ready
- VMware® certified
- Packed with rich backup features – Failover, Replication, scheduled backup and NovaBACKUP® (TeraStation™ comes with 10 licenses of NovaBACKUP® Business Essentials)
- Media Cartridge: Use one HDD just like a tape media backup and replace periodically
- Supports cloud storage service
  - Amazon S3 support – files on TeraStation™ can be backed up to cloud storage.
  - WebAccess – easily open files on TeraStation™ on a remote site
- Easy to use management GUI
- Great for streaming HD video content, music and gaming
- 3 years warranty and VIP service included: 24h\* HDD exchange, no pre-payment required



# TeraStation™ 5000

## Network Attached Storage

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TS5800DWR

## Specifications

| Hardware                                                       |                                                                                                                                                                                                 |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>System</b>                                                  |                                                                                                                                                                                                 |
| CPU                                                            | Intel® Atom™ D2700 dual core                                                                                                                                                                    |
| RAM                                                            | 2GB DDR3                                                                                                                                                                                        |
| <b>Internal Hard Drives</b>                                    |                                                                                                                                                                                                 |
| HDD interface                                                  | SATA 3Gb/s                                                                                                                                                                                      |
| Capacities                                                     | WD Red® 1, 2, 3, 4TB                                                                                                                                                                            |
| Number of Drives                                               | 8                                                                                                                                                                                               |
| Total Capacities                                               | 8, 16, 24, 32TB                                                                                                                                                                                 |
| <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 / 3 x USB 3.0 (1x front)                                                                                                                                                            |
| 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 8.1, Windows 8, Windows® 7, Windows Vista®, Windows® XP, Windows Server® 2012/2012 R2, Windows Server® 2008/2008 R2, Windows Server® 2003/R2, Windows® Server 2000, Mac OS® 10.4 - 10.9 |
| Dimensions                                                     | 300 x 215 x 230mm                                                                                                                                                                               |
| Weight                                                         | 12.5kg                                                                                                                                                                                          |
| Operating Environment                                          | 5-35°C, 20-80% (non-condensing)                                                                                                                                                                 |
| Power Consumption                                              | max. 170W                                                                                                                                                                                       |
| Power Supply                                                   | Internal AC 100-240V Universal, 50/60Hz                                                                                                                                                         |
| <b>Software</b>                                                |                                                                                                                                                                                                 |
| <b>System</b>                                                  |                                                                                                                                                                                                 |
| Raid Support                                                   | RAID 0/1/5/6/10/50/51/60/61/JBOD                                                                                                                                                                |
| Hot Spare                                                      | Have a spare drive if a Raid fails                                                                                                                                                              |
| Hot Swap                                                       | Change drives in RAID without down time                                                                                                                                                         |
| 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                                                                                                                                                                          |
| 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                                                    | Synchronises folders to a second TeraStation                                                                                                                                                    |
| Backup                                                         | Built-in backup to USB storage or other Buffalo NAS based on rsync                                                                                                                              |
| Time Machine                                                   | Time Machine target for multiple clients                                                                                                                                                        |
| NovaBackup® Business Essentials                                | Professional Backup software for Windows clients and servers                                                                                                                                    |
| <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

TS5800DWR0808-EU  
TS5800DWR1608-EU  
TS5800DWR2408-EU  
TS5800DWR3208-EU

\* VIP Warranty order must be placed before 12pm CET, subject to stock availability. Valid within the EU, for other destinations additional shipping time may occur.



## 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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