TeraStation™ 5000

Network Attached Storage

TeraStation5800

TeraStation™ 5800

TeraStation™ 5800 is a high performance 8-drive network storage solution ideal for businesses and demanding users requiring a reliable RAID-based network storage solution for larger networks and business critical applications. With the powerful Intel® Atom™ D2700 processor, TeraStation™ 5800 provides exceptional performance during file transfers and everyday NAS functions. The performance is in the top class of the small-and-medium businesses.

TeraStation™ 5800 offers various functions to support your business such as IP camera recording, support for iSCSI target, a faster and easy-to-use web user interface and 2GB of fast DDR3 memory is installed. High Speed Data Transfer with SuperSpeed USB 3.0 for those who require faster data transfer speeds. The TeraStation™ features five USB ports for greater flexibility.

TeraStation™ 5800 runs on Buffalo's TeraStation™ NAS System providing a host of business-class features from network file sharing and security to RAID management, remote access, use a HDD as "media cartridge", like a "tape media": replace periodically and more. Managing data, backups and data sharing in a production environment or larger business is made easy with this NAS operating system. Included on all Buffalo TeraStation™ devices, TeraStation™ NAS System simplifies your everyday data needs.

TeraStation™ 5800

Features and Benefits

- 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
- 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. One HDD can be used and replaced 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
- All new web management GUI
- Great for streaming HD video content, music and gaming
- 3 year manufacturer's warranty, tested and certified in Japan

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SPECIFICATIONS

Hardware	
System	
CPU	Intel® Atom™ D2700 dual core
RAM	2GB DDR3
Internal Hard Drives	
HDD interface	SATA 3Gb/s
Capacities	1, 2, 3, 4TB
Number of Drives	8
Total Capacities	8, 16, 24, 32TB
Interfaces	
LAN	
Connector Type	RJ-45
Number of Ports	2
Data Transfer Rates	10/100/1000Mb/s
USB	
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
Serial Port	
Connector Type	D-SUB 9pin
Number of Ports	1
Other	
Supported OS	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	300x215x230mm
Weight	12.5kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Consumption	max. 110W
Power Supply	Internal AC 100-240V Universal, 50/60Hz
Software	
System	
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
Protocol Support	
Networking	TCP/IP
File Sharing	CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP, NFS
AD Integration	LDAP
Management	HTTP/HTTPS
Time Synchronisation	NTP
Camera	RTSP
Backup	
Failover	Failover solution with other Buffalo NAS
Replication	Synchronise folders on 2 TeraStations
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
Remote Access	
Web UI	HTTP/HTTPS
FTP Sever	FTP/SFTP
WebAccess	WebAccess a convinient solution for file access, also available for Smartphones and Tablets

Product Part Numbers

TS5800D0808-EU
TS5800D1608-EU
TS5800D2408-EU
TS5800D3208-EU

3 YEAR WARRANTY

About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking, memory, 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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