TeraStation™ 5000

Network Attached Storage

BUFFALO™

TeraStation™ 5400

Buffalo's TeraStation™ 5400/5400r as part of the new TeraStation™ 5000 Family is equipped with the powerful Intel® Atom™ Dual-Core Processor, providing faster transfer of large files, faster file access from multiple computers. The performance is in the top class of the small-and-medium businesses.
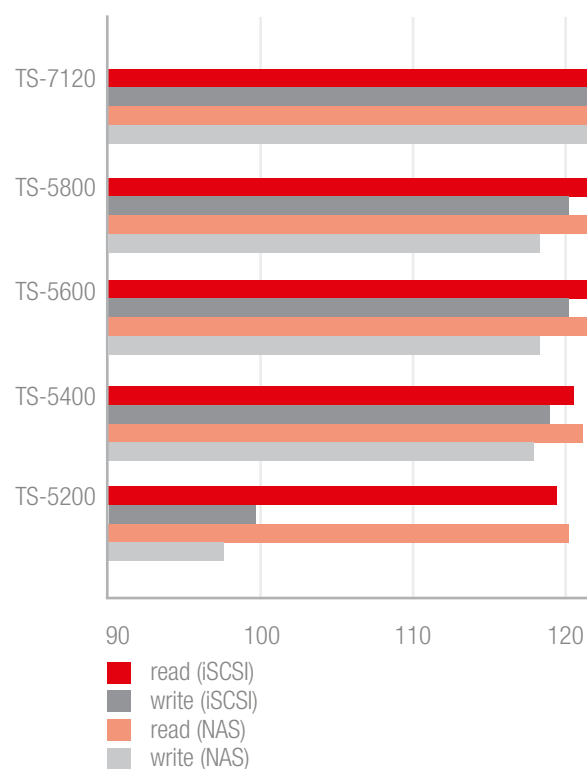
TeraStation™ 5400/5400r offers various functions to support your business such as IP camera recording, support for ISCSI target, a faster and easy-to-us web user interface and 2GB of fast DDR3 memory is installed.

Available fully populated with 4, 8, 12 or 16 TB storage.

Features and Benefits

- Powered by the latest Intel® Atom™ Dual Core
- 2GB of fast DDR3 memory installed
- Faster transfer of large files and faster access from multiple computers
- Buffalo Surveillance Server – record IP camera stream directly on TeraStation™
  - Buffalo Surveillance Server uses an open protocol, supporting more than 1000 cameras natively
  - Centralized management with one software management client for all cameras
  - Buffalo Surveillance Server enables the Video Lifecycle Management: with one or multiple storage devices you can copy, move, delete videos to other devices
- 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)
- Supports cloud storage service
  - Amazon S3 support – files on TeraStation™ can be backed up to storage on the Internet
  - Access Link – easily open files on TeraStation™ from a remote site
- 3 year manufacturer's warranty, tested and certified in Japan

Legend:
- read (iSCSI)
- write (iSCSI)
- read (NAS)
- write (NAS)

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.

Specifications

Hardware	
System	
CPU	Intel® Atom™ D2550 dual core / Intel® Atom™ D2700 dual core (TS5400r)
RAM	2GB DDR3
HDD interface	SATA 3Gb/s
Internal Hard Drives	
Number of Drives	4
Capacities	1, 2, 3, 4TB
Total Capacities	4, 8, 12, 16TB
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 / 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
Serial Port	
Connector Type	D-SUB 9pin
Number of Ports	1
Other	
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
Software	
System	
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
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	Syncronise 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
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

TS5400D0404-EU	TS5400R0404-EU
TS5400D0804-EU	TS5400R0804-EU
TS5400D1204-EU	TS5400R1204-EU
TS5400D1604-EU	TS5400R1604-EU

Amazon Simple Storage Service (S3)

About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking, memory and multimedia solutions for home use 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.

120507, 01/2013