TeraStation™ 6000

Network Attached Storage

Highly reliable Business NAS

with Snapshot and iSCSI Volume Backup functionality.

The TeraStation™ 6000 NAS series has been especially designed for small and medium sized businesses in need of a highly reliable network storage solution with advanced backup features, powerful hardware and iSCSI protocol.

Thanks to snapshot and snapshot backup functionality, restoring files after editing mistakes or accidental deletion can be done easily and fast. Backups can be performed without errors during the day while employees are working on the files. This makes the TS6000 an ideal file server solution for companies working with CAD data and photo or video editing agencies. Performing snapshots regularly is also a great measure against ransomware attacks.

iSCSI Volume Backup is another key feature of TS6000. If TS6000 is used to expand storage capacity of a server, the iSCSI volume backup allows data to be transferred directly from one TS6000 to another TS6000, without having to go through the server and thus reducing the server load significantly.

In addition TS6000 boasts the same software features as the TS5010 series, including cloud backup supporting Microsoft Azure and OneDrive, Dropbox/Dropbox Business and Amazon S3*.

Thanks to its integrated 10GbE port and Intel Atom® processor with 8GB ECC RAM the TS6000 series is a powerful and fast NAS solution capable of performing multiple backups and being accessed by several servers at the same time. In fact it can be accessed by more than 50 clients with heavy load simultaneously.

The TeraStation 6000 series available in 2- and 4-bay desktop and 4-bay rackmount configurations and comes populated with NAS grade hard drives and total capacities of up to 32TB.

Features and Benefits

- High-speed native 10GbE connection
- 2.5/5Gbps compatible, compliant with NBASE-T (IEEE 802.3bz) standard
- Powered by high performance Intel Atom® processor with 8GB ECC RAM (TS6200 – dual-core Intel Atom® C3338, TS6400DN/RN – quad-core Intel Atom® C3538)
- Available in 2- and 4-bay desktop and 4-bay rackmount configurations
- Simultaneous NAS and iSCSI target functionality
- iSCSI Volume Backup
- Snapshot and Snapshot Backup
- "Copy-on-Write" functionality to prevent data loss due to defects during writing
- Duplex meta data prevents file loss and data corruption due to failure to save metadata or occurrence of bad sectors
- Advanced NTFS Permissions (Windows ACL) VMware ready

- Rapid RAID mode change
- RAID Mode Manager
- AES 256bit data encryption
- Boot Authentication ensures the device is only accessible on authorized networks
- Integrated cloud backup with Microsoft Azure and OneDrive, Dropbox and Amazon S3*
- Remote access through WebAccess
- NovaBACKUP® backup software (11 licences for NovaBACKUP® Buffalo Edition)
- Duplex System Firmware Boot
- Active Directory (up to 10.000 supported users/groups imported from the domain)
- 3 year standard warranty and VIP Service, including 24-hour HDD replacement; warranty extensions available separately

*Amazon S3 will be supported by future firmware update

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	TS6200DN (2-bay)	TS6400DN (4-bay)	TS6400RN (4-bay) Rackmount
Part Numbers	TS6200DN0402-EU TS6200DN0802-EU	TS6400DN0804-EU TS6400DN1604-EU TS6400DN3204-EU	TS6400RN1604-EU TS6400RN3204-EU
Configuration	Desktop	Desktop	Rackmount
Capacities	4, 8 TB	8, 16, 32 TB	16, 32 TB
System / Performance			
CPU	Intel Atom C3338	Intel Atom C3538	
CPU Speed	1.5 GHz	2.1 GHz	
Number of Cores	2	4	4
RAM	8GB ECC		
Internal Hard Drives			
Type	NAS HDD		
Number of Drives	2	4	4
Capacities of HDD	2, 4, 8 TB		
Drive Interface	SATA 6 Gbps		
Supported RAID	JBOD/0/1	JBOD/0/1/5/6/10	
USB Interface			
Standard Compliance	USB 2.0/3.0		
Connector Type	Type A		
Number of Ports	2 x USB 3.0		
Max Transmission Rate	480 Mbps / 5 Gbps		
LAN Interface			
Standard Compliance	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3an 10GBASE-T, IEEE 802.3bz 2.5GBASE-T and 5GBASE-T		
LAN Ports	1 x 10GbE, 2 x 1GbE		
Data Transfer Rates	2,5/5/10 Gbps / 10/100/1000 Mbps		
Supported Protocols	TCP/IP, UDP		
Network File Services	CIFS/SMB, AFP, FTP, SFTP, NFS, SNMP, HTTP/HTTPS		
Connector Type	RJ-45		
Environmental & Power			
Power Unit	1	1	1
Power Consumption	Max. 85 W; average active: 31 W; average idle: 25 W; standby: 6 W	Max. 85 W; average active: 61 W; average idle: 55 W; standby: 6 W	Max. 100 W; average active: 64 W; average idle: 58 W; standby: 6 W
Power Supply	Internal AC 100-240 V, Universal 50/60 Hz		
Operating Temperature	0˚ - 40˚C		
Operating Humidity	10 - 85 % non-condensing		
Other			
Client OS Support	Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2016, Windows Server® 2012 / 2012 R2, Windows Server® 2008 / 2008 R2, Mac® OS® X 10.11 or later		
Included Software	NAS Navigator 2, NovaBACKUP® Buffalo Edition (one server and ten workstation licenses)		
Box contents	TeraStation™, Quick Setup Guide, Cat 6a Ethernet Cable, AC Cable, Front Panel Key or Rail Kit with Mounting Brackets and Screws and Warranty Statement		
Dimensions / Weight			
Dimensions (WxHxD)	170 x 170 x 230 mm	170 x 215 x 230 mm	430 x 44.3 x 430 mm
Weight	5 kg	7.4 kg	8.9 kg
Accessories			
Compatible Hard Drives	OP-HD2.0N, OP-HD4.0N, OP-HD8.0N		

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