TeraStation™ 4800D

Network Attached Storage

BUFFALO™

Buffalo's Powerful and Flexible 8-bay NAS Enclosure

Buffalo's new TeraStation™ enclosure (TS4800D-EU) joins Buffalo's TeraStation™ family with customisable Network Attached Storage with greater flexibility – users can start by installing one drive and add up to seven additional drives as storage and back-up requirements grow.

TeraStation™ 4800 is equipped with the powerful Intel® Atom™ D2700 Dual-Core Processor and will impress users with both faster transfer of large files and faster file access from multiple computers. Its top-of-class performance is perfect for demanding small, medium, and growing businesses.

When populated with two or more drives the TeraStation™ 4800 protects your data with RAID and hot swap functionality allows users to change disks without downtime. Another added bonus: the new TeraStation™ enclosure also comes with 10 free NovaStor NovaBACKUP® licenses.

The TS4800 also provides important features to support your business such as Active Directory support, IP camera recording, iSCSI target, a faster and easy-to-use interface, and 2GB of fast DDR3 memory installed. All of this, together with two Gigabit Ethernet ports, two super speed USB 3.0 ports and two high speed USB 2.0 ports, gives users a fast, versatile, and feature-rich NAS enclosure. Buffalo's TS4800D-EU enclosure is compatible with 1, 2, 3, and 4TB drives (sold separately).

TS4800D-EU

Features and Benefits

- 8-bay NAS enclosure for highly customisable network attached storage
- Compatible with 1, 2, 3, or 4TB 3.5" hard drives (sold separately)
- Powered by the latest Intel® Atom™ D2700 Dual-Core/4 threads CPU
- 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 your TeraStation™
- Works simultaneously as NAS and iSCSI
- Packed with rich backup features:
    - Failover
    - Replication
    - Scheduled Backup
    - NovaBACKUP® (10 licenses of NovaBACKUP® Business Essentials)
    - Supports Amazon S3 cloud storage service
- WebAccess - easily open TeraStation™ files from a remote site or with WebAccess Apps available for Windows 8, iOS, Android®, and Windows Phone 7 – 8
- Easy-to-use and intuitive interface and management GUI

TS4800D-EU

Specifications

Hardware	
System	
CPU	Intel ® Atom™ D2700 Dual-Core
RAM	2GB DDR3
HDD interface	SATA 3Gb/s
Internal Hard Drives	
Number of Bays	8
Supported capacities	1, 2, 3, 4TB (sold separately)
Interfaces	
LAN	
Connector Type	RJ-45
Number of Ports	2
Data Transfer Rates	10/100/1000Mbps
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 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows Server® 2012*, Windows Server® 2008, Windows Server®, 2003, Windows® 2000 Server, Mac OS® X 10.4-10.8
Dimensions	300 x 215 x 230 mm
Weight	6.9kg
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 (depending on number of drives installed)
Hot Spare	Have a spare drive if a RAID fails
Hot Swap	Change drives in RAID without down time
HDD encryption	Data Protection: Data cannot be read on other machines
SoleraTec™ Phoenix RSM™ video surveillance management software	One 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 devices
Replication	Syncronise folders on two 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
Buffalo WebAccess	Convenient solution for file access from a remote site or via WebAccess Apps available for Windows 8, iOS, Android, and Windows Phone 7 - 8

*SMBv3 is not yet supported on Linux-based NAS. Users requiring SMBv3 should consider Buffalo's Windows® -based WS5000 series.

Product Code
TS4800D-EU

130420, 08/2013