TS5800DN

The BUFFALO TeraStation 5800 is a high-performance 8-drive network storage solution ideal for businesses and demanding users requiring a reliable RAID-based NAS and iSCSI storage solution for larger networks and business critical applications. With the powerful dual-core 2.13 GHz Intel Atom processor D2700, TeraStation 5800 provides exceptional performance during file transfers and everyday NAS functions. Experience maximum network throughput while a replication job runs in the background, network surveillance video is recording from multiple IP cameras, and remote users are accessing content.
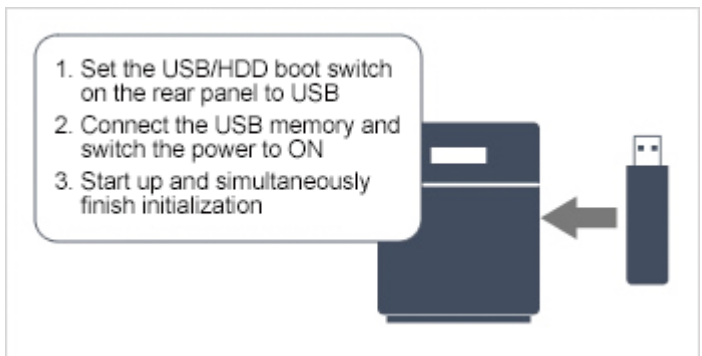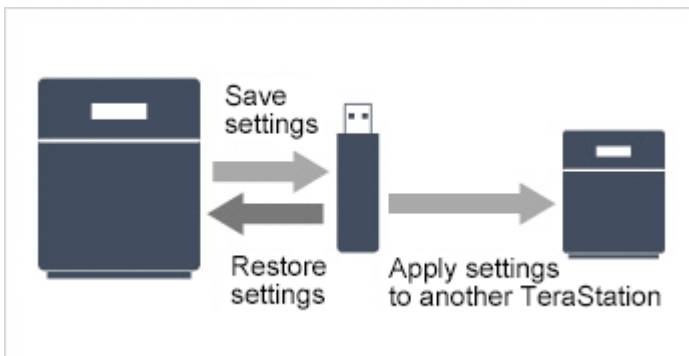
■ Hard drives designed for NAS systems

Especially designed for use in NAS systems, the TeraStation's hard drives feature highly new technologies for highly reliable and stable operation. The drives are also equipped with specialized NAS firmware designed specifically for the extended operation that NAS devises are famous for.

Features
- Reduced power consumption and operating temperatures
- Vibration and noise suppression
- Stable operation and lower operating costs

NAS HDD	3 YEAR WARRANTY	GigaBit LAN 1000BASE-T	USB3.0 port	USB2.0 port
RAID 0/1/5/6/10 50/51/60/61	8 Drive		iSCSI	Quick-Swap Drives
24/7 Reliability	IP Camera			

■ Supports USB Memory Recovery feature

Save settings
Restore settings
Apply settings to another TeraStation

1. Set the USB/HDD boot switch on the rear panel to USB
2. Connect the USB memory and switch the power to ON
3. Start up and simultaneously finish initialization

■ Data protection

• Supports RAID 61/60/6/51/50/5/10/1/0
The TeraStation features different RAID modes that can be selected for optimizing failure resistance, speed, capacity, or a combination.

• Replication and failover functions
The replication function simultaneously saves data to two TeraStations, thereby constantly providing a running backup. The failover function can automatically switch main operation to the backup TeraStation if the main TeraStation happens to go down.

• Hot spare
When a drive fails, the hot spare function automatically starts up the spare hard disk to maintain redundancy, protecting your valuable data.

• Hot-swappable drives
The internal drives are hot-swappable, so they can be replaced in the event of a hard drive failure, with no need to switch off the power.

Features

- Intel Atom 2.13 GHz dual-core CPU
- 2 GB DDR3 RAM (memory)
- Hard drives designed for NAS systems
- Works both as NAS and iSCSI
- Recovery from USB memory (settings, save and restore functions)

- Realtime replication and failover functions
- Supports RAID 61/60/6/51/50/5/10/1/0
- USB 2.0 and 3.0 ports
- Two LAN ports
- 3-yesr limited warranty

TS5800DN

Specifications

■ Internal Hard Drives

Number of Drives	8
Drive Interface	SATA II
Supported RAID Levels	'61/60/6/51/50/5/10/1/0

Drive Capacity				
	TS5800DE	Enclosure	TS5800DN2408	24TB
	TS5800DN3208	32TB	TS5800DN4808	48TB

■ LAN Interface

Standard Compliance	IEEE802.3/3u/3ab
Speed and Flow Control	10/100/1000 Mbps (Auto Sensing)
Number of Ports	2 x RJ-45 (Auto MDIX)

■ USB Interface

Standard Compliance	USB 3.0 / USB 2.0
Connector Type	A type
Number of Ports	2 x USB3.0 / 2 x USB2.0

Feature			
	Hard Drive	✓	Print Server	✓

■ UPS Interface

Standard Compliance	D-Sub 9pin
Number of Ports	1

■ Key Feature

Failover	✓	Hotswap	✓	iSCSI Target	✓	WebAccess	✓
Replication	✓	HotSpare	✓	IP Camera	✓	Smartphone Application	✓
Media Cartridge	✓	Port Trunking	✓	Disk Encryption	✓		

■ Protocol Support

Networking	TCP/IP
File Sharing	CIFS/SMB, AFP, HTTP/HTTPS, FTP/SFTP/FTPS, NFS
Directory Integration	Active Directory
Management	HTTP/HTTPS
Time Synchronization	NTP

■ Others

Client OS Support	Windows® RT 8.1 / RT, Windows® 8.1 / Windows® 8 / Windows® 7 / Windows Vista™ (32/64bit) Windows® XP, Windows Server® 2012/ 2008 R2/ 2008/ 2003/ 2000 Mac OS® X 10.5 - 10.10
Power Consumption	120W (Average), 170W (Max)
Dimensions (LxWxH, mm)	300 x 215 x 230
Weight	12.0 kg
Operating Environment	5-35°C, 20-80% (non-condensing)
Power Supply	AC 100-240V, 50/60Hz
Warranty	3-year

■ Package Contents

TeraStation 5800DN (TS5400DN)   Front Panel Key
Setup CD-ROM   Quick Setup Guide
LAN cable   Warranty Statement
AC Cable

About BUFFALO   www.buffalo-asia.com

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.