

HIGH PERFORMANCE

8-DRIVE BUSINESS-CLASS NETWORK & ISCSI STORAGE



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 dual-core 2.13 GHz Intel® Atom™ processor D2700, TeraStation 5800 provides exceptional performance during file transfers and everyday NAS functions. TeraStation 5800 runs many services simultaneously and the dynamic combination of the dual core 2.13 GHz processor and 2 GB DDR3 RAM enables the acute ability to focus on concurrent tasks with minimal performance degradation; experience maximum network throughput while a replication job runs in the background, surveillance video is recording from multiple IP-based cameras and remote users are accessing content.

FEATURES

PRODUCT HIGHLIGHTS

- Intel Atom processor D2700
- Buffalo Surveillance Video Manager (1 license)
- Dual Intel NICs
- 2 USB 2.0 ports and 2 USB 3.0 ports with accessory support
- Hot-swap SATA hard drives
- Hot-spare
- RAID 0/1/5/6/10/50/51/60/61/JBOD (Individual Disks)
- Active Directory integration
- DFS Namespace support
- Disk quota support
- Simultaneous NAS and iSCSI target functionality
- VMware® Certified for NFS
- Scheduled or real-time replication to other TeraStation devices
- Failover support
- 10 licenses of NovaBACKUP® Business Essentials v12

HIGH PERFORMANCE

TeraStation 5800 features the dual-core 2.13 GHz Intel Atom D2700 processor, providing exceptional performance during file transfers and everyday NAS functions.

RELIABLE AND SECURE

TeraStation 5800 offers high capacity, highly available storage accessible

among multiple platforms for seamless centralized storage and backup. Create user and group profiles and control folder and file access to protect business critical content and privacy. Support for multiple levels of RAID provides continuous data protection and increased fault tolerance and data availability.

SURVEILLANCE VIDEO MANAGEMENT

TeraStation 5800 offers a video surveillance asset management platform that allows you to record high quality video and store and manage it for easy access and playback. Surveillance Video Manager provides advanced features and helps you manage and store camera feeds, enabling playback of live and stored video with support for any RTSP IP-based video camera.

DATA PROTECTION AND BACKUP

TeraStation 5800 features Buffalo's replication technology providing real-time synchronous replication of data for easy, continuous data protection in the event of data loss. When replicating from one TeraStation 5800 to another, you can configure failover support to automatically switch the main operation over the the redundant TeraStation if the main unit ever becomes inaccessible.

TeraStation 5800 is bundled with 10 licenses of NovaBACKUP® Business Essentials, providing a complete, all-in-one data protection solution for PCs, storage servers, Exchange servers and SQL databases.

STORAGE VIRTUALIZATION

Configure TeraStation 5800 as an iSCSI target to add affordable virtualized storage to your business network. Storage virtualization serves to decrease IT spending by maximizing the resources offered by modern servers while providing affordable server scalability and reliability. A virtualized environment removes a significant amount of server dependence, shifting the burden to the storage devices.

REMOTE FILE ACCESS

TeraStation 5800 offers multiple ways to remotely access and share your important data for enhanced collaboration and productivity. With WebAccess and FTP/SFTP servers, you can securely access and share files with anyone outside the local network. Trusted recipients can access selected files from anywhere over the Internet, and with WebAccess file can also be accessed remotely from tablet and smartphone devices.



TERASTATION NAS SYSTEM

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 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.

MODELS

TS5800D0808, TS5800D1608, TS5800D2408, TS5800D3208

BOX CONTENTS

TeraStation 5800 (TS5800D), Setup CD-ROM, Ethernet Cable, AC Cable, Front Panel Key, Quick Setup Guide, Warranty Statement

SPECIFICATIONS

LAN INTERFACE

Standard Compliance: IEEE802.3/IEEE802.3u/IEEE802.3ab
Data Transfer Rates: 10/100/1000 Mbps (Auto Sensing)
Connector Type: RJ-45
Number of Ports: 2

INTERNAL HARD DRIVES

Number of Drives: 8
Hard Drive Capacities: 2 TB, 3 TB, 4 TB
Total Capacity: 8TB, 16 TB, 24 TB, 32 TB
Drive Interface: SATA 3 Gbps
Supported RAID Levels: RAID 0/1/5/6/10/50/51/60/61/JBOD (Individual Disks)

USB INTERFACE

Interface: USB 3.0 / USB 2.0
Number of Ports: 3 x USB 3.0
2 x USB 2.0
Data Transfer Rates: 5 Gbps (USB 3.0)
480 Mbps (USB 2.0)

PROTOCOL SUPPORT

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

OTHER

Dimensions (LxWxH): 300 x 210 x 230 mm
Weight: 12 kg
Operating Environment: Temperature: 5-35°C,
Humidity: 20-80% (non-condensing)
Power Supply: Internal AC 100-240V Universal,
50/60 Hz
Power Consumption: 170 W (Maximum)
Setup Utility OS Support: Windows® Operating Systems
Client OS Support: 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
(in evaluating)
Windows Server® 2012,
Mac OS® X 10.8

Data rate, features and performance may vary based on the configuration of your system and other factors.

1 TB= 1,000,000,000,000 Bytes. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.