

## Reliable and Redundant NAS

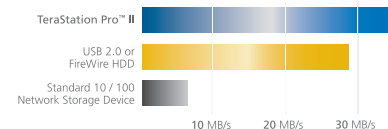
- 2nd Generation High Performance NAS
- RAID 0 / 1 / 5 / 10
- Active Directory Support
- Gigabit Networking
- Available in 1.0 TB and 2.0 TB



### RAID 0 / 1 / 5 / 10

Four Operating Modes for Maximum Flexibility and Reliability

### High Speed NAS



### Memo™ AutoBackup



Includes a Fully Automated Backup Software for Windows® PCs

## Features and Benefits

### Simple Install and Management

- Active Directory Support - Will join an AD domain to utilize AD users and groups
- DFS (Distributed File System) Support
- Easy setup wizard and management through intuitive web interface
- Quick swap hard drive trays behind the front panel for easy drive access and replacement

### RAID Support

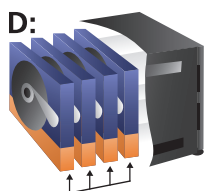
- Four Operating RAID Modes: RAID 0, 1, 5, 10
- Advanced RAID system continually checks hard drive and RAID performance

### High Performance

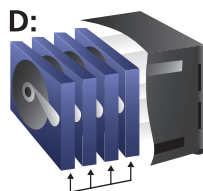
- Four High Speed (7,200 RPM) Hard Drives in One
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Large near silent fan to release HDD heat effectively and quietly
- Heat-release conscious design with smart layout and ventilation supply
- LCD Display shows important TeraStation information and disk status
- Built-in FTP server functionality
- Two USB 2.0 ports, allowing extra drives to be connected
- Memo™ AutoBackup Software for Windows PCs Included

## Four Operating Modes for Maximum Flexibility

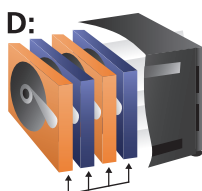
**RAID 5 Parity Mode:**  
750 GB / 1.5 TB



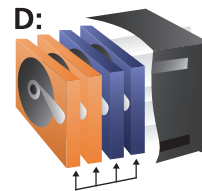
**RAID 0 Striping Mode:**  
1.0 TB / 2.0 TB



**RAID 1 Mirroring Mode:**  
500 GB / 1.0 TB



**RAID 10 Mode:**  
500 GB / 1.0 TB



## TS-H1.0TGL/R5, TS-H2.0TGL/R5

### Specifications

#### LAN Interface

Standard Compliance	IEEE802.3ab / IEEE802.3u / IEEE802.3 Standard 1000BASE-T / 100BASE-TX / 10BASE-T
Data Transfer Rates	10 / 100 / 1000 Mbps
Connector Type	RJ-45
Number of Ports	1



#### Internal Hard Drives

Number of Drives	4
Drive Interface	SATA
Hard Drive Sizes	250GB, 500GB
Total Capacity	1.0TB, 2.0TB
Rotational Speed	7200 RPM
Supported RAID Levels	0, 1, 5, 10

#### USB Interface

Standard Compliance	USB 2.0
Connector Type	USB Series A
Number of Ports	2
Data Transfer Rates	Max: 480 Mbps (High Speed Mode) Max: 12 Mbps (Full Speed Mode)

#### Protocol Support

Networking	TCP/IP
File Sharing	SMB, FTP
Directory Integration	LDAP
Management	HTTP
Time Synchronization	NTP

#### Other

Dimensions (WxHxD in.)	6.69 x 12.2 x 9.25
Weight (lbs)	16.1
Operating Environment	32-95° (Fahrenheit)
Setup Utility OS Support	Windows Operating Systems
Client OS Support	Windows® Vista™, Windows® XP, Windows® 2000, Windows® Me, Windows® NT 4.0, Windows® 98 SE, Linux (SMB)
Power Supply	Internal, AC100V 50/60 Hz

\*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.

## About Buffalo

[www.buffalotech.com](http://www.buffalotech.com)

Buffalo Technology (USA), Inc., based in Austin, Texas, is a leading global provider of award-winning networking, memory, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost 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.