

## High Performance Reliable NAS

Buffalo's TeraStation III Series is the ideal choice for businesses or demanding users looking to implement a RAID based Network Attached Storage solution. As Buffalo's flagship NAS product the TeraStation III includes all firmware features presently found in the Buffalo lineup of NAS products. Especially, business oriented features, such as Active Directory support, DFS support, disk quota support, a share level replication feature and port trunking make the TeraStation III a top choice for small to medium sized businesses.

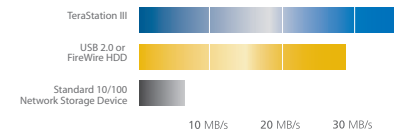
Hardware features like hot swap and dual Ethernet ports add to the list of new features. Reliability and performance are again the key design criteria for the TeraStation III. A heavy-duty power supply and oversized cooling system, as well as vastly improved CPU speed guarantee excellent and reliable performance. It is the clear choice for those users who desire maximum reliability and robust features.



RAID 0 / 1 / 5 / 10 / JBOD

Five Operating Modes for Maximum Flexibility and Reliability

### High Speed NAS



### Memo™ AutoBackup



Automatically Backs up Your Files from Your PC or Mac

## Features and Benefits

### Simple Install and Management

- Front loading hot swap hard drives with lockable front panel
- Active Directory Support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System) Support
- Easy setup wizard and management through intuitive web interface
- Hot swap hard drive trays behind the front panel for easy drive access and replacement
- Simple copy and import configuration to multiple TeraStations with NAS configuration tool

### RAID Support

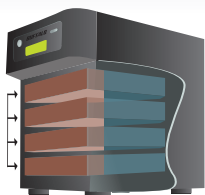
- Five Operating RAID Modes: RAID 0, 1, 5, 10, JBOD
- Advanced RAID system continually checks hard drive and RAID performance

### High Performance

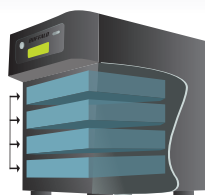
- Improved CPU speed enables faster data transfer
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for port trunking
- Share level replication feature
- Hot spare enables automatic RAID build in case of a hard drive failure
- Automatic AES-128 data encryption
- Large silent fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation information and disk status
- Built-in FTP server functionality
- BitTorrent Client: Download digital content from the Internet directly to your TeraStation
- DLNA CERTIFIED built-in media server for streaming multimedia content
- Two USB 2.0 ports for external drive connectivity
- Memo™ AutoBackup Software for PCs and Macs Included
- 3-Year Limited Warranty

## Five Operating Modes for Maximum Flexibility and Reliability

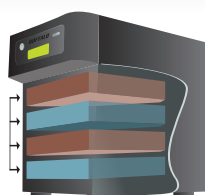
RAID 5 Parity Mode:



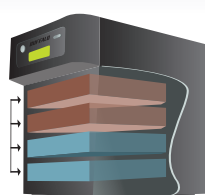
RAID 0 Striping Mode:



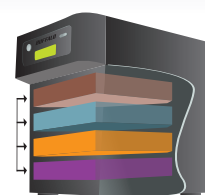
RAID 1 Mirroring Mode:



RAID 10 Mode:



Standard JBOD Mode:



### TS-X2.0TL/R5, TS-X4.0TL/R5, TS-X6.0TL/R5

#### Specifications

##### LAN Interface

Data Transfer Rates	10 / 100 / 1000 Mbps
Connector Type	RJ-45
Number of Ports	2



##### Internal Hard Drives

Number of Drives	4
Drive Interface	SATA
Hard Drive Sizes	500 GB, 1.0 TB, 1.5 TB
Total Capacity	2.0 TB, 4.0 TB, 6.0 TB
Supported RAID Levels	0, 1, 5, 10, JBOD

##### USB Interface

Standard Compliance	USB 2.0
Connector Type	A type
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	CIFS/SMB, AFP, HTTP/HTTPS, FTP/FTPS, NFS
Directory Integration	LDAP
Management	HTTP
Time Synchronization	NTP

##### Other

Dimensions (WxHxD in.)	6.7 x 8.5 x 9.1
Weight (lbs)	13.8
Operating Environment	41-95° (Fahrenheit)
Setup Utility OS Support	Windows Operating Systems
Client OS Support	Windows Vista®, Windows® XP, Windows® 2000, Windows® 98 SE, Mac OS® 10.3.9
Power Supply	Internal, AC100-240V 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.