

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.

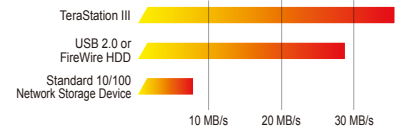
Hardware features like hot swap and dual Ethernet ports add to the list of new features. Reliability and performance are again the key design criteria for the TeraStation III. A heavy-duty power supply and oversized cooling system, as well as vastly improved CPU speed guarantee excellent and reliable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

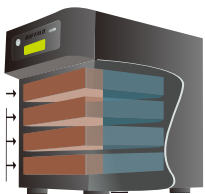
- Five Operating RAID Modes: RAID 0, 1, 5, 10, JBOD
- Advanced RAID system continually checks hard drive and RAID performance

High Performance

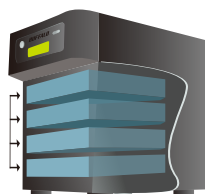
- Improved CPU speed enables faster data transfer
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for port trunking
- Share level replication feature
- Hot spare enables automatic RAID build in case of a hard drive failure
- Automatic AES-128 data encryption
- Large silent fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation information and disk status
- Built-in FTP server functionality
- 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

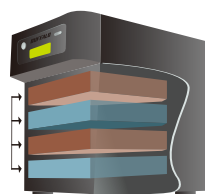
RAID 5 Parity Mode:



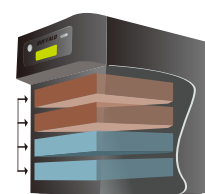
RAID 0 Striping Mode:



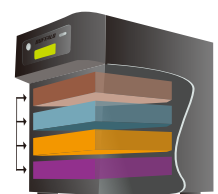
RAID 1 Mirroring Mode:



RAID 10 Mode:



Standard JBOD Mode:



TS-X8.0TL/R5 (8TB), TS-X4.0TL/R5 (4TB), TS-X2.0TL/R5 (2TB)



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 | TS-X2.0TL/R5 : 500GB |

Total Capacity

| |
|--------------------|
| TS-X4.0TL/R5 : 1TB |
| TS-X8.0TL/R5 : 2TB |
| TS-X2.0TL/R5 : 2TB |
| TS-X4.0TL/R5 : 4TB |
| TS-X8.0TL/R5 : 8TB |

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 |

Others

| | |
|--------------------------|--|
| Dimensions (WxHxD) | 170 x 215 x 230 mm |
| Weight | 8 kg |
| Operating Environment | Temperature 5 - 35°C / Humidity 20 - 80% |
| Setup Utility OS Support | Windows Operating Systems |
| Client OS Support | Windows® Vista®, XP, 2000, Server2008, Server2003, Windows® XP Media Center Edition 2004 / 2005, Mac OS® 10.7†, 10.6, 10.5, 10.4, 10.3.9 |
| Power Supply | AC100-240V 50/60Hz |

† The access to an access limit folder by the AFP is not possible. Time Machine backup is not possible.

Firmware update for improvement is planned. If you use the Delegate Authority server feature, you can not access the shared folders with access restriction from Mac OSXv10.7 Lion via SMB.

1TB= 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 Inc.

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.