

TeraStation

Buffalo TeraStation™
TeraByte Network Attached Storage



USB Expand
Ultra Silent
RAID USB C
Compatibilit
Auto Backup
Multimedia S
Streaming G
Networking

BUFFALO™

USB Expandable
Ultra Silent Mode
RAID USB Copy
Compatibility
Auto Backups
Multimedia Streaming
Gigabit Networking



Buffalo TeraStation™

Terabyte Network Attached Storage

Buffalo TeraStation Terabyte Network Attached Storage offers powerful storage, server and multimedia solutions for both the SMB and consumer markets. Combining advanced fault tolerant data solutions, robust file security, and Gigabit Ethernet networking, TeraStation allows users to deploy a simple, cost-effective data or media server to their office or home network in literally minutes without cutting corners on features and expandability.

By offering a total of four USB 2.0 ports, the device can accommodate additional external USB hard drives for expanded networked storage or as backup targets, a USB printer that can be managed and shared on the network or even up to two USB TV tuners to allow the recording of television programs for later viewing. In fact, a TeraStation can even be cascaded with another TeraStation via USB to expand network available storage well beyond the single Terabyte level.

Compatibility with Buffalo's LinkTheater Wireless HD Media Player allows wired or wireless streaming of your multimedia files to your television or stereo in almost any audio or video format. With its sleek, aesthetic design and ultra-silent operation, the TeraStation will get envious looks whether it is located in a busy office environment or on the entertainment system in your living room without adding any distracting fan noise.

Solid Business Storage Solutions

- Four operating modes for configuring internal drives allow either data access in a massive volume or in fault tolerant RAID arrays
- Journaling File System to prevent loss of data during writing in the event of a power loss
- Robust user and group level permissions for securing network data shares
- Gigabit Ethernet with Jumbo Frame support ensures speedy delivery of large office files or multiple multimedia streams
- UPS compatibility to allow automatic or manual shutdowns safely when power is interrupted

Powerful USB Expandability

- Four USB ports offer countless scenarios for attaching USB devices
- External USB hard drives expand available network storage as needed cost effectively
- Client USB device functionality allows the device to operate as an external USB hard drive for a laptop or workstation or even another TeraStation
- Built-in print server for sharing and managing a USB printer on the network

Simple Install and Management

- Easy setup wizard allows deployment of a Terabyte of network data in literally minutes
- Powerful backup utility allows easy setup and management of backups to or from the TeraStation and multiple network devices
- Management via an intuitive, fully featured web interface from Windows, Apple or Linux

Product Design by an Award Winner

- Informative status LEDs on front panel display vital information about each internal drive and network activity
- Sleek, aesthetic look conforms to any modern office or home décor and saves space without sacrificing performance
- Easily removable hard drive rack to allow quick swapping of hard drives should a drive fail
- Oversized fan allows ultra-silent operation and minimal power consumption



Standard

Four 250 GB
Individual Network Shares

Spanning

One 1 TB (1000 GB)
Massive Network Share
in RAID 0 Disk Array
(all four drives arrayed into
a single volume)

Mirroring

Two 250 GB
Individual Network Shares
in RAID 1 Disk Mirroring
(two drives are separately
mirrored automatically to
another drive)

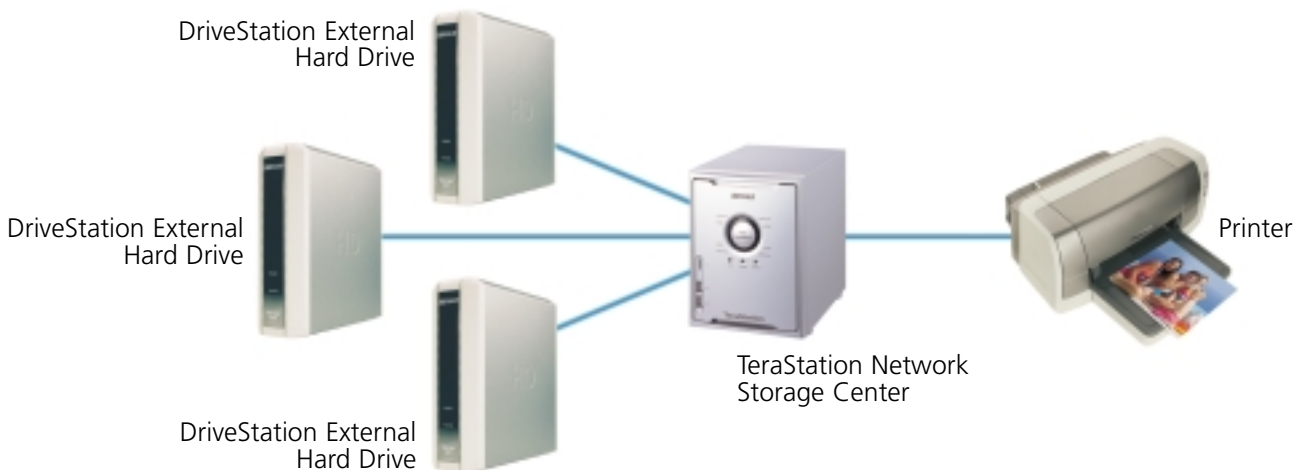
RAID 5

One 750 GB
Massive Network Share
in RAID 5 Disk Array (all
four drives arrayed into a
single volume with parity)

TeraStation as a Multimedia Server



TeraStation as a File & Print Server with Expanded Storage via USB Drives



TeraStation™ Technical Specifications

Terabyte Network Attached Storage – HD-H1.OTGL/R5

LAN Interface

| | |
|------------------------------|--|
| Interface | IEEE802.3 / IEEE802.3u Standard (100BASE-TX / 10BASE-T) |
| Transmission Speed | 10 / 100 / 1000 Mbps |
| Transmission Encoding Method | 1000BASE-T: 8B1Q4, PAM5 |
| Access Method | CSMA / CD |
| Port / Connector | RJ-45 |
| Cable | 1000BASE-T: Category 5, 4 UTP 100BASE-TX: Category 5, 2 4 UTP 10BASE-T: Category 3, 4, 5 2 UTP |
| Ports | 1 |
| Transmission Distance | 100 Meters |

IDE Interface

| | |
|----------|-----------------|
| Standard | Ultra ATA / 133 |
|----------|-----------------|

USB Interface

| | |
|-------------------------|---|
| Interface | USB 2.0 Hi-Speed (HS Mode), Full-Speed (FS), Low-Speed (LS) |
| Connector | USB A |
| Number of Ports | 4 |
| Data Transmission Speed | Max: 480 Mbps (HS Mode), Max: 12 Mbps (FS Mode) |

Others

| | |
|--------------------------|---------------------------|
| Dimensions | 6.6" x 8.7" x 9.5" |
| Weight | 15.8 lbs. |
| Operating Environment | 32-95 Fahrenheit |
| Setup Utility OS Support | Windows Operating Systems |
| Client OS Support | Windows, Apple, Linux |



BUFFALO™

4030 W. Braker Lane #120
Austin, TX 78759
800-456-9799

www.buffalotech.com