

Increase storage stability and data protection with next-generation file system

Key Benefits:

- ✓ Increase file stability even with high data volumes
- ✓ Reduce likelihood of data errors
- ✓ Increase drive storage capacity
- ✓ Improved snapshot functionality for effortless data protection and recovery

Top Use Cases:

- ✓ Stable file storage and backup
- ✓ Production testing
- ✓ Protect against drive failure and file errors
- ✓ Mitigate ransomware

The Buffalo Solution:

The TeraStation 5020 Series NAS offers Btrfs, which enables it present new data storage and backup solutions and features never possible before.

What is Btrfs?

Btrfs is a modern file system based on the copy-on-write (COW) principle. Used by cutting-edge companies such as Facebook, Btrfs checksums every data block and better manages file metadata, greatly reducing the chances of file corruption and optimizing storage capacity.

Btrfs also enable more efficient snapshot features. Snapshots are extremely helpful in situations where you would need an instantaneous short-term backup, and especially shine when it comes to short term data backup and file versioning. Taking a snapshot consumes only a small amount of additional storage space and effects very little impact on system performance thanks to Btrfs's copy-on-write architecture. Buffalo's new TeraStation 5020 series allows you to automatically schedule or manually create snapshot copies with timeframes as granulated as every five minutes.

Featured Products:

TeraStation 5020 Series



- Closed Operating System
- Up to 240TB, single chassis
- Enterprise Hard Drives Included



TeraStation Benefits:

Buffalo TeraStations are Made in Japan, TAA compliant, and ship with hard drives included. Linux systems feature a closed operating system, affording greater security by minimizing attack vectors. All TeraStation products ship with a three-year warranty (upgradable to five-years) and include lifetime 24x7 US based support. Free Remote Management Service, free simple logical data recovery, and other post-sales benefits are available with product registration.