

An SSD Cache Can Enhance Your Storage Performance at Low Cost

Key Benefits:

- ✓ Faster access to active data over time
- ✓ Improved performance of HDD arrays
- ✓ More cost-effective than an all-SSD NAS system
- ✓ Can enhance performance of IOPS-demanding applications such as virtual machines, file servers, and data backup

Buffalo TS71210RH NAS:

Buffalo knows you need a storage solution that is both powerful and flexible, which is why the TS71210RH comes with PCIe expansion to enable SSD caching without using any of the 3.5-inch drive bays.

The TS71210RH lets you maximize both your storage capacity and performance for your data needs.



The Buffalo Solution:

While SSDs offer more benefits than typical HDDs, the debilitating cost of building an all-flash SSD NAS system often far outweighs the benefits. However, with SSD caching, you can get the best of both worlds and enjoy improved storage performance without breaking your IT budget.

SSD caching refers to creating a temporary storage space of active data that is more frequently accessed than others on the flash memory of a SSD. This way, data requests can be responded to more readily from the cache, reducing load times on commonly-accessed data or applications.

With an SSD cache on your NAS, you can bypass system I/O bottlenecks and enhance your overall storage system performance. Not only will you have faster data backup speeds, you can leverage the performance improvements to utilize the NAS in more active scenarios, including as a production data server, virtual machine management, active file server, application server, and more.

With the Buffalo TS71210RH NAS, you can still use cost-effective traditional HDDs in your storage array and simply add a relatively low-cost SSD drive to create an SSD cache for the most commonly-accessed data to enhance your storage performance and improve data access speeds. SSD caching is easy to set up on the Buffalo NAS and offers a cost-effective way to accelerate your IT environment.

TeraStation Benefits:

Buffalo TeraStations are Made in Japan, TAA compliant, and ship with hard drives included. TeraStations 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 24/7 US based support. Free Remote Management Service, free simple logical data recovery, and other post-sales benefits are available with product registration.