



Ultra-Fast Massive Storage

The Storinator open storage platform is an ultra large and ultra-fast data storage solution, which can be deployed as a single unit or as a part of a cluster. Capacity can be scaled by simply adding more drives into a single unit, or adding units as separate servers or part of a cluster. It offers read/write data at **speeds in excess of 3 GB/s**, and is capable of moving massive amounts of data in a very short time over high speed connectivity. Our density and speed provides unmatched performance to exceed your storage needs, all at a very attractive cost per hard drive slot.

The Storinator servers are **software agnostic**. These servers offer the freedom to run any software you choose, including OS's (Linux, CentOS, Debian, etc), FreeBSD, Windows Server, as well as NAS software (FreeNAS, RockStor, etc.). Storinator servers will also allow you to run cluster software such as Gluster FS, and object store systems such as Caringo or Ceph. The servers can be utilized as a NAS device but offer the ability to transform into a hyper-converged solution for your chosen application. The Storinator is offered in three Standard hardware configurations (base, enhanced, and turbo) suitable for a wide range of applications.

The Storinator is **completely customizable**. From small changes such as a memory upgrade to highly customized machines with multiple CPU's, motherboards and SSD caching banks, **we can build it**. Even if your design requires a completely new enclosure and customized physical form factors, we would be happy to build it for you.



The Storinator is the complete solution for your storage needs - No matter what your industry demands.

Ultra-Fast

Local speeds in excess of 3 GB/s

Massive Storage

30, 45 or 60 hard-drive slots for storage, up to 600TB

Low Cost

Offering the lowest cost per hard drive slot in the industry

Flexible

Supporting virtually any application in any environment

Our platform gives your technical architects the freedom to design a storage solution for your organization's unique requirements.

We can customize a single server or many – we have no minimum order required.

Introducing the **Storinator E-Class**

The Storinator E-Class offers the same great product, with enhanced enterprise options.

- New hard drive locking mechanism to prevent excess vibration, with **zero** removeable parts.
- New high efficient “85%” server grade redundant power supply with PMbus remote monitoring.
- New tool less lid for quick hard drive access and maintenance.
- Remote monitoring with email notifications for hard drive failures. (Rocket750 only)
- Quick and easy identification of individual hard drives.
- Optional new cable management arm to prevent accidental cable tangles.
- Optional local LCD display for hard drive failures.



Ultra-Fast

(Speeds in excess of 3 gigabyte/sec)

When properly configured, these machines can easily exceed aggregate read and write speeds of 3 gigabyte per second, and achieve single-client transfers that saturate a 10 Gigabit connection. compared to previous backplane versions, the direct-wired Storinator has the bandwidth to take on a wide variety of demanding applications.

High Reliability

(Greatly reduced circuit board count)

Through our direct wired approach, we have reduced the number of circuit boards in the design resulting in reduced failure rates vs. previous backplane designs. The switch to direct wired gives Storinator users greater reliability and speed.

The Storinator Key Features

Huge Storage

(Up to 600TB* in a 4U enclosure)

The Storage servers provide massive amounts of storage. Models have 30, 45, or 60 hard-drive slots, for up to 600TB of raw data in a single unit. This data capacity is generally configured in RAID arrays to achieve data security through redundancy.

* Using 10TB drives in an XL-60

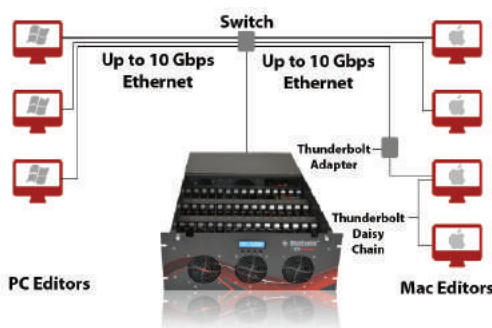
Hot Swappable

(No interruptions, even when drives fail)

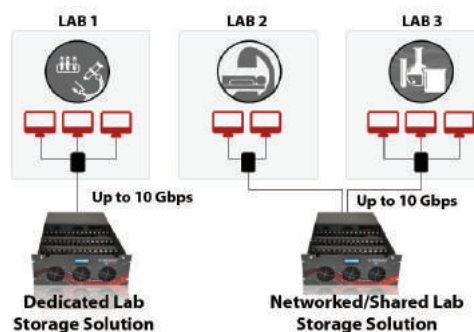
All of the hard drives in the Storinator storage servers are 100% hot swappable, meaning that you can replace a failed hard drive and rebuild an array without rebooting the unit or taking it offline.

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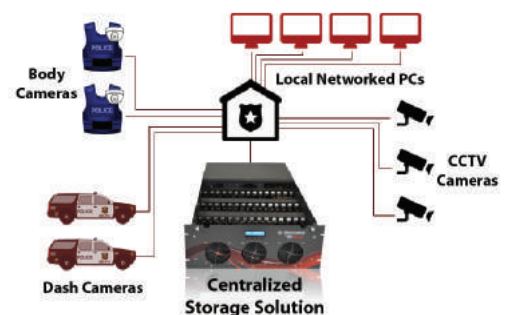
Typical Network Diagrams of Storinator



Video Editing



Research and Development



Law Enforcement and Government