



# 45Drives

Storage Solutions By Storage Experts



[45Drives.com](http://45Drives.com)



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## What Makes 45Drives Different?

**No Vendor Lock-In:** Our team of storage experts can integrate a robust 45Drives solution into your current IT infrastructure or help with any storage challenges you face. We also offer the least restrictive warranty on the market!

**Unique Solution Optimized Through Years of Quality Engineering:** Our direct-wired-architecture, combined with open-source software leads to a combination of performance, throughput and reliability for an unmatched price.

**Full Robust Hardware + Software Solution:** We offer you a full storage solution with hardware and software designed to maximize performance and throughput at minimal cost. Using opensource software and commodity hardware, experience all the benefits of easy maintenance, metrics, reporting and dashboards without reoccurring licensing fees.

**Walk Away Feeling Cared For:** Our support team is here for you from decision making and design to deployment and maintenance, ensuring you get the right storage solution for your needs. We support both, our hardware and the open source software we configured on your server.

“

*The support your team has supplied has been some of the best I've had. I look forward to working with you guys for any future server needs I may have.”*

- Chris Thorndike

## Industries That Rely On 45Drives



VIDEO PRODUCTION  
& STREAMING



SECURITY  
& SURVEILLANCE



UNIVERSITIES &  
RESEARCH INSTITUTIONS



R&D  
& ENGINEERING



FINANCE & BANKING



GOVERNMENT



AEROSPACE & DEFENSE



E-RECYCLING

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# Network Attached Storage Solutions

## STORINATOR



Our network attached storage server is great for any business size from the enterprise to the small business to boost productivity and minimize IT overhead. It also has the ability to scale-out when more storage is needed. You even have the ability to link together multiple NAS servers to a scale-out cluster, with the ability to achieve petabytes of storage.

### What are the benefits of a Storinator network attached storage server?

- Affordable large storage
- Keep all your files in one centralized location
- Easy to set up and configured by our 45Drives Engineers
- Remote access available through Intelligent Platform Management Interface (IPMI) and Nextcloud.
- File sharing with multiple users
- Backup multiple computers within your network automatically
- Provides hard-drive RAID redundancy to protect your data
- Set up user permissions, folder privileges and restrict access to documents
- Available in 15,30,45 and 60 drive configurations
- Compatible with Dropbox, Dropbox Business, Amazon S3, and Microsoft Azure



### CAPACITY TO FIT ANY NEED

**AV15**



UP TO 15 DRIVES

**Q30**



UP TO 30 DRIVES

**S45**



UP TO 45 DRIVES

**XL60**



UP TO 60 DRIVES

# Solid State Storage Solutions



## STORNADO

Engineered for Performance

This all flash server is designed to deliver high availability and reliability while moving massive amounts of data fast.

### SIMPLIFIED WORKLOAD

Keeps all your files in one convenient, centralized location - while SSD's allow for ultra-fast access.

### PERFORMANCE

Designed to deliver high availability and reliability while moving massive amounts of data at lightning-fast speeds.

### FLEXIBILITY CAPACITY

Available with 32 bays for up to 250TB of SSD storage in a single server. Scale your storage by clustering multiple servers.

“

*Out of everything we bought [for this project] it's one of the best things we've purchased so far! Usually, I talk to companies and tell them what they can improve, but there isn't anything I would change about the Storinator.”*

- Patrick Boyle, McGill University

## STORINATOR HYBRID

The combination of massive SSD and mechanical storage gives you the option for tiering or caching in order to get extremely fast random access to active data. Once you are finished, the data can be migrated to the mechanical hard drives for longer term storage. Doing this within a single chassis allows for extremely fast transfers.



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# Ceph Storage Cluster Solutions

45Drives Ceph Clustered Solutions offer peace of mind. Through redundancy, multiple copies of your data are spread across multiple servers to ensure high-availability. That means you can lose disks and/or servers while maintaining full uptime. With no single point of failure, your data is always available so; your IT person is free from overtime and unnecessary stress.



## KEY ADVANTAGES OF 45DRIVES CEPH CLUSTERED SOLUTION

### HIGH-AVAILABILITY

Offers redundancy via replication or erasure coding. This means multiple copies are spread across multiple nodes to ensure high-availability. They are also fault tolerant, enabling you to lose disks and/or servers while maintaining full up time.

### AUTOMATIC BALANCE & SELF HEALING

This solution is self-healing, it will automatically re-distribute data during expansion and/or OSD failure, ensuring your data is available and safe of your nodes.

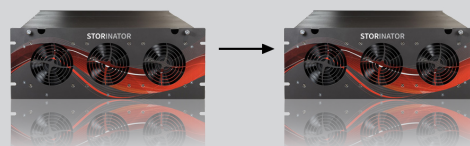
### SCALEABLE

Gives you the ability to start small and grow over time. You can increase capacity by adding more hard drives and/or servers at any time. With the 45Drives Ceph Clustered Solution your performance scales linearly with capacity.

**Contact us to learn more, or visit our website for an instant quote.**

## DISASTER RECOVERY SOLUTIONS

Protect all your data against outages, theft, natural disasters or whatever the universe throws your way with our Disaster Recovery solution. Talk to one of our storage experts to find the right solution for your data needs. If you already have a storage server we will work with you to set up your disaster recovery solution using the Storinator as your backup.



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# Purpose-Built Applications



## DESTROYINATOR

Affordable, efficient machine for wiping to an R2 standard. Preloaded software, KillDisk Industrial.

The Destroyinator offers built-in customizable certificate and label-printing tools for records and accountability – ensuring when you wipe a disk, that data is gone forever. After each erase/wipe completion, create a custom certificate that can be saved as a PDF.

The best part about this server? It's super simple to use and can be programmed to perform actions on a disk as soon as it is connected, meaning you can examine, erase and print a certificate by simply plugging in a hard drive.

### KEY FEATURES

#### Mixed Batches

Wipe both 3.5" & 2.5" mechanical drives as well as SAS & solid-state drives.

#### Wipe Permanently

HIPAA compliant- supports U.S. DoD erasure and dozens more.

#### Clone Disk or Image

Easily clone a master disk or image to newly sanitized disks

The Destroyinator is preloaded with KillDisk Industrial an industrial-grade disk sanitation software.

You can also examine old disks for bad sectors prior to erasure and view drive health parameters. Tools such as SMART monitor, File Browser & Hex Viewer give you a complete knowledge, control, and overview of your hard drives.



“

*You have an amazing product that adds a lot of value to our organization.”*

- Ryan Encinas, Integris Credit Union

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# Dedicated Customer Support Team

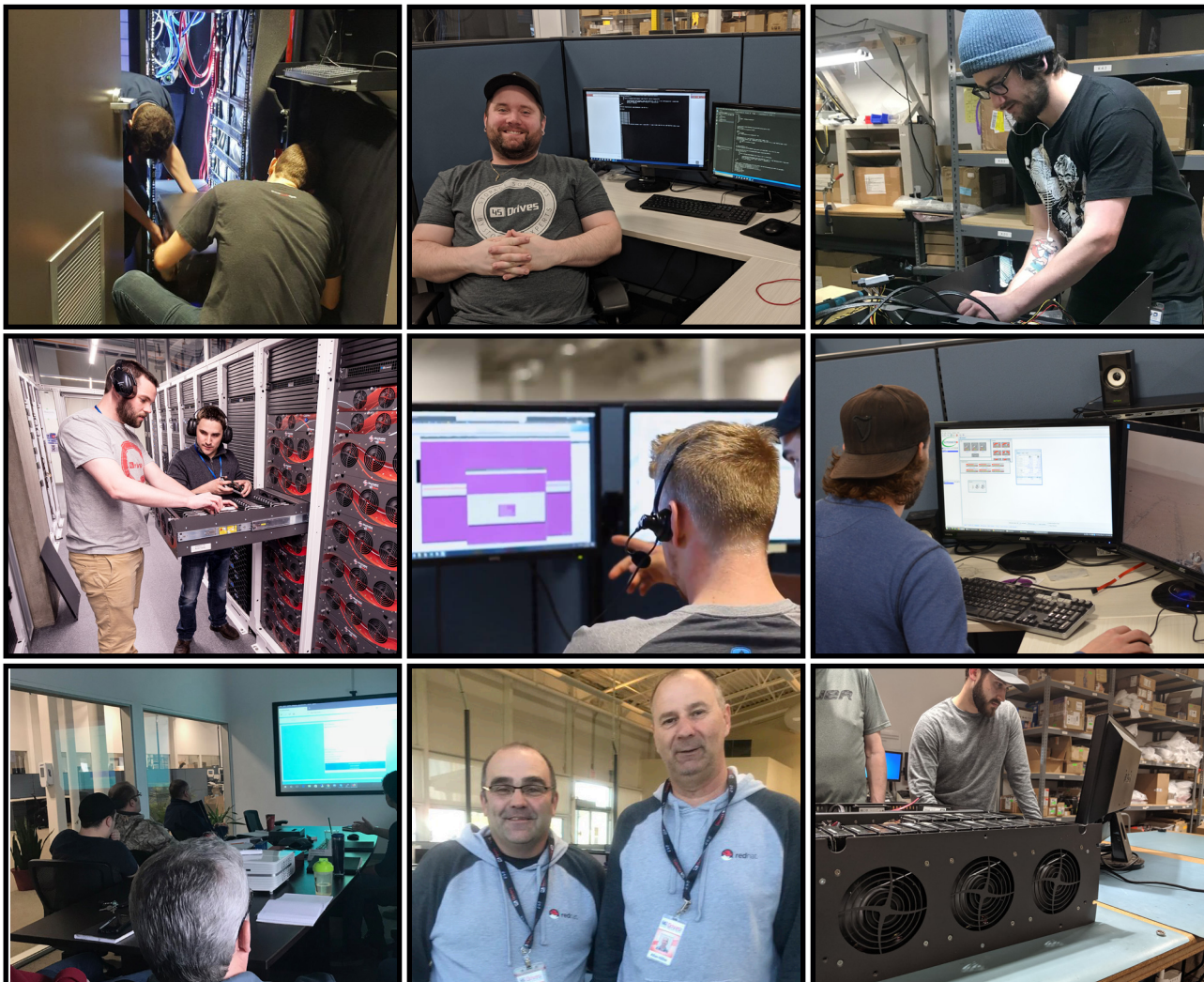
45Drives provide industry leading support and assistance for your data storage environment. When you choose a 45Drives storage server you get an extremely reliable, affordable, enterprise product and a whole team to help you every step of the way.

We'll help match the right storage solution for your needs and configure your storage solution - making it fully functional and ready to start working when it arrives at your door.

**45Drives Support - We're with you every step of the way!**

*"I just want to say thank you for all of the awesome help! It was actually a ton of fun getting support and help from you."*

**-Anil Mohabir, Asterisk Media**



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# 45Drives

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**Contact us for a customized quote.**

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