



NetApp™
Go further, faster



Systems

NetApp FAS2000 Series

Experience value and efficiently add capabilities as your needs grow

KEY BENEFITS

Increase efficiency

Dramatically increase storage utilization.

Adapt quickly to change

Expand capacity, add capabilities, and upgrade to larger systems quickly and non-disruptively.

Reduce cost

Get the lowest TCO for an entry-level enterprise storage system.

THE CHALLENGE

Manage explosive data growth

Regardless of your company's size, the amount of data it collects and manages grows relentlessly. You are expected to manage growing data, respond to business growth, ensure effective data backup and restoration, and put disaster recovery solutions in place—and do it all on a shoestring budget.

THE SOLUTION

Build for now and the future

As your company grows, so does your need for efficient data storage. At NetApp, we think you should install a data infrastructure only once and then expand as your needs dictate. We don't believe in the "Rip, replace, and retrain" upgrade philosophy. Our common end-to-end architecture makes it possible for you to expand capacity and add functionality to our systems quickly and easily. Our FAS2000 series systems deliver the right blend of price, performance, and scalability. Now you can bring enterprise-level storage to your departments and remote offices.

With FAS2000 series systems you get versatility:

- Integrated block- and file-level data access over Fibre Channel and Ethernet networks

- Primary and/or secondary storage
- Intelligent management software
- Data-protection capabilities of high-end systems, with NetApp ease of use
- Internal SAS (serial-attached SCSI) or SATA drives
- Built-in remote management

INCREASE EFFICIENCY

FAS2000 systems provide a powerful range of features to help dramatically increase storage utilization and increase the efficiency of your system and storage administrators.

- NetApp® Snapshot™ provides point-in-time images, enabling you to perform near-instantaneous file-level or full data set recovery, and its minimal performance overhead makes it uniquely suited for protecting your production data.
- Thin provisioning helps avoid costly overprovisioning and time-consuming reconfiguration that are typical with other storage solutions.
- Deduplication enables you to store only one copy of each unique data object, substantially reducing capacity requirements.
- Highly efficient dual-parity RAID protects against multiple failures in a RAID group.

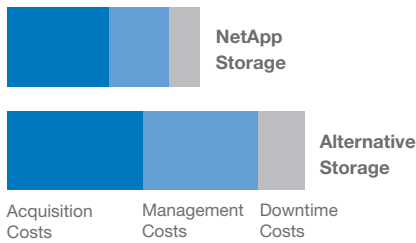


Figure 1) Proven lower TCO.

Studies by Oliver Wyman show that your total cost of ownership for NetApp storage systems is substantially lower than the cost of storage from other major vendors. Read the full reports at www.netapp.com/tco.

ADAPT QUICKLY TO CHANGE

We believe that your data storage infrastructure should be able to quickly grow and adapt:

- Expand capacity as needed up to 68TB on the FAS2020 and up to 104TB on the FAS2050.
- Dynamically expand or contract volumes or LUNs with a single command.
- Easily upgrade from entry FAS2000 systems to midrange and high-end NetApp systems, using the same operating system, toolset, and software products.
- Easily expand data management capabilities as your needs grow via optional NetApp Software Packs*, which provide enterprise-proven capabilities for disk-to-disk backup, disaster recovery, space-efficient cloning, and integration with key business applications.

LOWER TCO

The FAS2000 is an economical storage system, and NetApp's unique data management capabilities help the FAS2000 support lower TCO than other systems in its class. You get:

- Robust set of standard software
- Unsurpassed capacity utilization
- Easy-to-manage systems that enable a single administrator to manage more terabytes
- The ability to manage NetApp storage via your Windows® Management Console, minimizing training and management costs**
- No need for retraining as you expand capabilities or upgrade to larger systems

According to an analysis by Oliver Wyman, with a NetApp solution you get lower acquisition costs, lower management costs, and lower system downtime costs.

Managing server and application sprawl on a shoestring budget is now a lot easier with the NetApp FAS2000 series.

* FAS2000 Software Packs provide a simple way to add licenses for powerful data management software. For details, see the FAS2000 Software Packs Datasheet.

** See the System Manager Datasheet for details.

FAS2000 SERIES OVERVIEW

| | FAS2020 | FAS2050 |
|------------------------------------|-----------------------|-----------------------|
| Maximum raw capacity | 68TB | 104TB |
| Maximum disk drives | 68 | 104 |
| Dual controllers | Yes | Yes |
| Cache memory | 2GB* | 4GB* |
| Maximum Fibre Channel ports | 4 | 8** |
| Maximum Ethernet ports | 4 | 8** |
| Storage protocols | FCP, iSCSI, NFS, CIFS | FCP, iSCSI, NFS, CIFS |
| Remote management (via LAN) | Yes | Yes |

*Active-active controller configuration

**Expandable with PCIe expansion slots

NetApp creates innovative storage and data management solutions that accelerate business breakthroughs and deliver outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com

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