

# Symantec™ FileStore N8000 Series

Highly scalable and available NAS solution



N8300 and N8500 systems

## Overview

The Symantec N8000 family of products offer a complete, highly scalable, highly available file serving solution. The combination of the Symantec™ FileStore software and highly reliable hardware creates an easy-to-implement and manage solution designed from the ground up to meet the most demanding file serving needs. The FileStore N8000 family includes the rack-mounted N8300 and blade-based N8500. Both systems are engineered for granular, economical, and non-disruptive scalability.

## Highlights

- **Information services platform** - integrated solution supports dynamic storage tiering, data protection, snapshots, anti-virus, and archiving

- **Scalability and performance** - support up to 16 nodes, 256 TB file systems, and up to 2 PB total storage with near-linear performance
- **High availability** - N8000 can be configured to survive multiple node failures; quickly and easily redistribute the workload across the cluster
- **Simple implementation** - with minimal administrator input, FileStore self-deploys and self-configures the cluster

## Information services platform

The world's largest organizations trust Symantec solutions throughout their organization. FileStore N8000 natively integrates these popular solutions, including dynamic storage tiering, Symantec™ AntiVirus for FileStore, and NetBackup. Along with integrated snapshots, FileStore software includes the critical capabilities IT organizations need to deliver, protect, and manage their file system data.

## Scalability and performance

While FileStore N8000 offers significant cost savings, these advantages don't come at the price of performance or scalability. N8000 systems can scale up to 16 active-active nodes and supports 2 PB of total storage. They feature fully-redundant FC connections between clustered nodes and back-end storage arrays without a performance bottleneck. They are ideally suited to demanding workloads, including document management, media storage and distribution, healthcare PACS systems, high-performance computing, home directories, and more. FileStore N8000 offers some of the best file serving

performance in the industry with a near-linear performance increase with each added node.

### High availability

The tolerance for downtime is near-zero for many data centers. FileStore N8000 assures organizations that such stringent service level requirements are achieved.

Based on the industry-leading Storage Foundation™ Cluster File System from Symantec, FileStore features N-way clustering for either active-active or active-passive configurations. Flexible configuration options let IT managers determine how many failover servers are needed to meet the perfect balance of performance, availability and cost. The system may grow, shrink or be reconfigured, all online and without downtime.

### Simple implementation

N8000 deployment is designed to get users up and running quickly and easily. The administrator must enter only a few pieces of information about the network, insert the software DVD, and FileStore software deploys itself while configuring the cluster. An intuitive GUI makes day-to-day management a simple task.

### General specifications (see separate specification sheet for complete specifications)

#### N8300

|                     |                  |
|---------------------|------------------|
| Supported No. Nodes | 2-6              |
| Max. Capacity       | 1 PB             |
| Cache Memory        | 4-16 GB per node |
| Cluster             | Active/Active    |
| Backup              | NetBackup, NDMP  |

#### N8500

|                     |                  |
|---------------------|------------------|
| Supported No. Nodes | 2-16             |
| Max. Capacity       | 2 PB             |
| Cache Memory        | 4-16 GB per node |
| Cluster             | Active/Active    |
| Backup              | NetBackup, NDMP  |

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### About Symantec

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

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