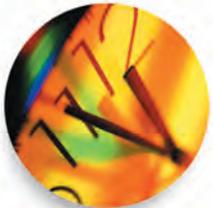


# Stratus® ftScalable™ Storage for ftServer® Systems

The new ftScalable storage solution from Stratus packs innovative availability features into an economical, scalable, 2U powerhouse. This high-performance, modular array addresses entry-level, mid-tier, and dedicated storage requirements — allowing you to dynamically configure and grow your system as quickly as the needs of your business dictate.



## **Continuous Availability**

Optimized for performance-oriented applications that generate I/O-intensive or high-bandwidth data traffic, the ftScalable storage solution is an ideal alternative to more costly SAN solutions. Its large capacity (up to 5.2TB) and superior availability assures customers in telecommunications, financial services, public safety, manufacturing, healthcare, travel/transportation and other markets of long-term investment value. In these markets, the ftScalable storage array can play an integral role in critical application solutions or serve as a key element in disaster recovery, business continuity, or regulatory compliance strategies.



## **Operational Simplicity**

Within the subsystem, different RAID levels can be mixed, bringing you even more flexibility to address present and future storage needs as well as any unexpected changes. A browser-based GUI provides a comprehensive graphical view of the array. Fully supported phone-home capabilities will link you directly to our support experts the instant any problems are detected.



## **Financial Advantage**

### **Continuous Availability features**

Like other members of our ftServer product family, the fault-tolerant ftScalable storage solution is designed for continuous availability. Redundant components, integrated automatic controller failover, and hot standby features combine with multi-path I/O support to ensure maximum data integrity and protection. Next-generation cache technology significantly increases the system's cache performance and provides battery-free power loss protection.

### **DupliCache™ mirroring technology**

DupliCache technology improves cache mirroring performance by as much as 50 percent over traditional approaches. Write data sent to the first RAID controller is concurrently mirrored to the second controller in an active-active pair. The memory bus is used just once to write the data as opposed to multiple passes in conventional systems. These features significantly increase bandwidth and result in extremely low write-back latencies.

### **EnviroStor™ technology**

EnviroStor eliminates the need for battery backup in the event of power failure through long-lasting capacitor-based technology that charges faster, and meets RoHS and WEEE environmental standards.

### **24/7 Worldwide solution services**

Remote support capabilities, made possible by the Stratus ActiveService™ Network, enables our service engineers to diagnose, troubleshoot and resolve problems online. In addition to providing 24/7 global technical support, Stratus is focussed on offering a full range of professional and managed services that allow you to capitalize on our twenty-five plus years of availability expertise—throughout your solutions lifecycle.



## ftScalable storage system specifications

Stratus® ftScalable™ storage:  
flexible, high-performance  
array designed for  
continuous availability

- Maximum bandwidth and speed to support data-intensive workloads
- Highly scalable, cost-effective solution enables users to dynamically expand their subsystem as it continues normal operations
- Modular, space-saving 2U rackmount design
- Designed to meet rigorous NEBS Level 3- Standards
- Fully RoHS- and WEEE-compliant

STORAGE SYSTEM SUMMARY	
Chassis configuration	2U, 12 drives
Maximum chassis modules	3
Maximum disks	36
Maximum capacity per chassis	1.7 TB (146 GB SAS drives)
Maximum capacity (full array)	5.2 TB (146 GB SAS drives)
Host interface	(2) Fibre Channel host ports
High-performance cache technology	DupliCache; EnviroStor
Snapshot technology	16 Standard

DRIVE OPTIONS	
SAS drives supported	3 Gb 73 GB 15K RPM 3 Gb 146 GB 15K RPM

RAID LEVEL SUPPORT	
RAID 0	Data striped across drives
RAID 1	Mirror disks (drive pairs)
RAID 10	Data mirrored, then striped
RAID 3	Block-level striping with dedicated parity
RAID 5	Block-level striping with distributed parity
RAID 50	Block-level striping with distributed parity combined with block striping

AVAILABILITY FEATURES	
Redundant components	Including: RAID I/O modules; power supplies/fans
Hot standby spare	Yes
Automatic controller failover	Yes
Multi-path I/O support	Yes

SERVICEABILITY	
Hot-swappable, field serviceable	Drives, RAID I/O modules; power supplies/fans

SUPPORTED OPERATING SYSTEMS	
Linux®	Red Hat® Enterprise Linux® AS 4
Microsoft® Windows®	Windows Server 2003 Enterprise and Standard Editions

POWER AND PACKAGING	
Input voltage	100 - 240 VAC; 50 Hz, 60 Hz 4.0A max. per input, 400W
Enclosure dimensions (H x W x D)	3.5" (2U) x 17.6" x 22.5" (rackmount)
Weight (fully loaded)	33.6 kg (74) lbs.
Environmental	RoHS-compliant; WEEE-compliant



[www.stratus.com](http://www.stratus.com)



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