

STRATUS® ftSCALABLE™ STORAGE FAMILY

OPEN FAULT-TOLERANT STORAGE PLATFORM for High Performance Applications

Stratus' ftScalable storage G3 solution provides maximum availability into an economical, scalable, 2U powerhouse. This high-performance, modular array addresses dedicated, shared, and networked storage requirements for a wide range of x86 platforms — allowing you to dynamically configure and grow your system as quickly as needed. Advanced storage capabilities enabled by a virtualized back end maximize performance and availability of spinning or solid-state based storage. The ftScalable storage array plays an integral role in critical application solutions and serves as a key element in disaster recovery, business continuity and regulatory compliance strategies.

Key Features

Virtualized Back End

At the heart of the ftScalable G3 solution is its virtualized back end. The virtualized back end abstracts the underlying hardware and manages all of the storage as a pool of independent storage resources. This provides larger volumes of storage with availability and management capabilities and functions such as space allocation on demand and quick rebuild. The virtualized back end also gains knowledge of the characteristics of the underlying data and places it to optimize performance, resources, and availability.

Key Benefits

- Provides continuous availability in a flexible, high performing array with a modular, space-saving design that's cost effective and environmentally friendly
- Expands up to six shelves as your business grows for maximum investment protection
- Maximizes performance and increases reliability with virtualized back end storage technology
- Protects sensitive data with encrypted disk technology
- Provides comprehensive graphical views with an intuitive browser based GUI
- RoHS and WEEE compliant

Advanced Cache Management with DupliCache™ and EnviroStor™ Technology

Duplicache 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 is a green-friendly, RoHS/WEEE-compliant, non-battery-based cache backup technology that — together with compact flash technology — provides ultra-reliability and improved TCO.



24/7/365 Worldwide Comprehensive Solution Services

We diagnose, trouble shoot and resolve problems online. And our fully supported phone-home capabilities will link you directly to our support experts the instant any problems are detected. In addition to our global technical support services, we also provide award winning Professional, Managed and Educational Services.

System Specifications	
Storage System Summary	
Chassis configuration	2U, 24 Small Format Factor (SFF) drives
Maximum chassis modules	6
Maximum disks	144
Maximum capacity (full array)	172 / 86 TB: 15 K SAS / 10 K SAS
RAID levels	0, 1, 10, 3, 5, 50, 6
Host connectivity	16 GB Fibre Channel, 10 GB Ethernet, or mix-and-match
High-performance cache technology	DupliCache; EnviroStor
Software	
	Auto tiering
	Snapshot and snapshot replication*
Drive Type	
	300 GB: 15 K SAS
	600 GB: 15 K SAS
	600 GB: 15 K SAS self-encrypting
	1.2 TB 10 K SAS
	400 GB: SAS SSD
Availability Features	
Redundant components	RAID I/O modules; power supplies fans
Hot standby spare	Yes
Automatic controller failover	Yes
Multi-path I/O support	Yes
Quick rebuild	Yes
Hot-swappable, field serviceable	Drives, RAID I/O modules; power supplies/fans
Supported Operating Systems	
Microsoft®	Windows® Server® 2008 R2 and 2012 R2
Power and Packaging	
Input voltage	100 - 240 VAC; 50 Hz, 60 Hz 4.5 A max. per input, 436 W
Enclosure dimensions (H x W x D)	3.5" (2U) x 17.6" x 23.6" (rackmount)
Weight (fully loaded)	27.2 kg (60 lbs.)
Environmental	RoHS-compliant; WEEE-compliant

*Post FCS