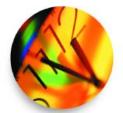# Stratus® ftServer® 2500 System

Continuous Availability

Operational Simplicity

Financial Advantage

The Stratus® ftServer® 2500 system makes industry-leading 99.999% uptime highly affordable to purchase, quick to deploy, simple to manage, and cost-effective to own. The most economical, most compact fault-tolerant server on the market today, the 2500 model brings you a compelling new choice for decentralized, mision-critical applications. Priced below comparable high-availability clusters, these servers combine economic value with *lights-out* management capabilities, making them ideal for volume deployment at remote locations — or as fault-tolerant replacements for ordinary, standalone servers.

Powered by the dual-core Intel® Xeon® processor, the 2500 model features the Microsoft® Windows Server™ 2003 operating system or the Red Hat® Enterprise Linux® 4 operating system. This system delivers Stratus Continuous Processing® technology at breakthrough pricing thanks to a streamlined design that takes advantage of industry-standard components.

The 2500 model is available in a pedestal version or a 4U rack-mount model that installs in a standard rack. These new entry-level systems enable affordable rollouts at locations with limited IT support: remote distribution hubs, branch banks, retail stores, and other sites requiring rapid, effortless deployment and near zero downtime.

Continuous Processing® features

Like other members of the industry-standard ftServer family, the 2500 model comes complete with Continuous Processing features that eliminate operational complexity and high costs inherent in high-availability approaches such as clusters or standby systems. Your enterprise gains superior uptime protection without having to modify applications — and without the need for failover scripting, repeated test procedures, or extra effort to make your applications cluster-aware.

Lockstep technology

Replicated, fault-tolerant hardware components process the same instructions at the same time. In the event of a component malfunction, the partner component is an active spare that continues normal operation without system downtime or data loss.

Failsafe software

Our failsafe software works in concert with lockstep technology to prevent software errors from escalating into outages. Other software issues are captured, analyzed, and reported to Stratus. This allows support personnel to take a proactive approach to correcting software problems before they recur. Even in-memory data is constantly protected and maintained. Stratus' hardened device drivers add yet another level of reliability to the operating system environment on ftServer systems.

ActiveService™ architecture

ftServer systems constantly monitor their own operation. Remote support capabilities — made possible by the global Stratus ActiveService Network — enable our service engineers to diagnose, troubleshoot, and resolve problems online as if they were on-site. If needed, the system automatically orders its own hot-swappable replacement part.

Stratus® ftServer™

ftServer 2500 systems:
99.999% uptime,
breakthrough price,
rapid deployment, and
lights-out management

The Smarter Approach to Uptime™

With the 2500 system, you don't have
to choose between maximum uptime
protection and low price. Stratus brings
continuous availability and affordability
together in a server that is ideal for
volume deployment at remote locations.

Stratus®
Technologies

www.stratus.com

ftServer 2500 system specifications

PROCESSORS	
Logical processor	1-socket
Processor	Dual-core Intel® Xeon® processor 2.00 GHz
Cache	4 MB L2
Front side bus	1333 MHz

MEMORY	
Min/max memory	2 GB/ 6 GB DDR2 667 MHz FBDIMM

I/O SUBSYSTEM	
PCI slots user configurable	6 PCI-X; or 2 PCI-Express and 4 PCI-X

STORAGE SUBSYSTEM	
Internal disk drives supported	250 GB, 500 GB (7200 RPM) SATA
	73 GB, 146 GB (15K RPM) SAS
Base system drive slots	6

ftSCALABLE STORAGE SUBSYSTEM	
Expansion drive slots (SAS)	36
RAID Levels	0, 1, 3, 5, 10, 50

EMBEDDED I/O	
10/100/1000 Ethernet	2 dual port
DISK	3 internal channels
DVD-R/W	2
Serial port	2
USB port	3

MANAGEABILITY	
Baseboard Management Controller	standard
Virtual Technician Module (VTM)	2 optional

PCI ADAPTERS	
Fibre Channel (Stratus ftScalable™ Storage)	2 optional
Fibre Channel (EMC)	up to 4 optional (Windows only)
1000 Base-T/SX dual port Ethernet	up to 6 optional
Ultra320 tape	up to 2 optional

SERVICEABILITY	
Hot-swappable components	CPU / I/O module, disks

OPERATING SYSTEMS	
Microsoft Windows®	Windows Server 2003 Standard Edition
Linux®	Red Hat Enterprise Linux 4 (64-bit)

POWER AND PACKAGING	
Input voltage	Rack: 100 - 240 VAC; 50 Hz, 60 Hz
	Pedestal: 100 - 230 VAC; 50 Hz, 60 Hz
Rack system dimension (H x W x D)	7.0" (4U) x 17.5" x 30"
Pedestal system dimension (H x W x D)	23.25" x 12.88" x 31.38"
Weight (fully loaded)	Rack: 56.16 kg (123.8 lbs.) including rails
	Pedestal: 80.7 kg (178 lbs)

Specifications and descriptions are summary in nature and subject to change without notice.