

# Stratus® ftServer® 4300 System



## **Continuous Availability**

The Stratus® ftServer® 4300 system brings leading price/performance and premier continuous availability to a mid-range server designed for computing environments built around the Microsoft® Windows Server™ 2003 and Red Hat® Enterprise Linux® 4 operating systems. Delivering 99.999% and greater uptime, this modular server harnesses the Intel® Xeon® processor to achieve high-performance processing power in an affordable 1- or 2-way SMP system.

The ftServer 4300 system is the perfect choice for space-constrained data centers, remote offices, and *lights-out* settings where business continuity is essential. Customers have rapidly adopted the 4300 architecture to support dedicated business processing solutions that include: public safety computer-aided dispatch (CAD), financial services ATM/POS, call/contact center, and manufacturing operations management.

The versatile 4300 system is available in rack-optimized or pedestal packaging. This third-generation system builds on the impressive reliability of ftServer technology. Improvements in physical design and increased use of modular, industry-standard components are further enhanced by the availability, performance, and security features offered by the Windows Server 2003 and the Red Hat Enterprise Linux 4 operating systems.

## **Continuous Processing® features**

Like other members of the industry-standard ftServer family, the model 4300 comes complete with Stratus Continuous Processing features that eliminate operational complexity and high costs inherent in high-availability approaches such as clusters. 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.



## **Operational Simplicity**



## **Financial Advantage**



## **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. There is no system downtime and no data loss.

## **Failsafe software**

Our failsafe software works in concert with lockstep technology to prevent many 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 4300 system automatically orders its own customer- or field-replaceable parts.



ftServer 4300 systems:  
industry-leading uptime,  
big performance for  
Windows and Linux  
applications



### **The Smarter Approach to Uptime™**

The ftServer 4300 system redefines price/performance for fault-tolerant departmental business processing. This mid-range server taps the power of the Intel Xeon processor, which features Hyper-threading – Intel's most advanced dual-processor technology.



## **ftServer 4300 system specifications**

<b>PROCESSORS</b>	
Logical processors	1- or 2-way SMP
Processor	Intel® Xeon® processor 3.20 GHz
Cache	1 MB iL2
Front side bus	800 MHz
<b>MEMORY</b>	
Min/max memory	2 Gb/8 GB DDR2
<b>I/O SUBSYSTEM</b>	
PCI-X slots	2 x 64/100
<b>STORAGE SUBSYSTEM</b>	
SATA drives supported	160 GB, 400 GB (7200 RPM); 74 GB (10K RPM)
Base system drive slots (SATA)	6
Expansion drive slots (SAS)	36
<b>EMBEDDED I/O</b>	
10/100/1000 Ethernet	2 dual port
SATA	3 internal channels
CD-ROM or DVD-R/W	2
Serial port	2
USB port	3
<b>MANAGEABILITY</b>	
Baseboard Management Controller (BMC)	standard
Virtual Technician Module (VTM)	2 optional (Windows only)
<b>PCI ADAPTERS</b>	
Fibre Channel (Stratus ftScalable™ Storage)	2 optional
Fibre Channel (EMC)	2 optional (Windows only)
1000 Base-T/SX dual port Ethernet	up to 6 optional*
Ultra320 tape	up to 2 optional
<b>SERVICEABILITY</b>	
Hot-swappable components	CPU / I/O module, disks
<b>OPERATING SYSTEMS</b>	
Microsoft Windows	Windows Server 2003 Enterprise Edition
Linux®	Red Hat Enterprise Linux 4 EM64T (64-bit)
<b>POWER AND PACKAGING</b>	
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)

\* 2 slots standard; greater than 2 requires optional I/O expansion which provides additional 4 x 64/100 high-profile PCI-X slot.

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

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