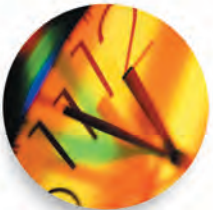


# Stratus® ftServer® 4410 System



## **Continuous Availability**



## **Operational Simplicity**



## **Financial Advantage**

The Stratus® ftServer® 4410 system brings leading price/performance and premier continuous availability to a mid-range server designed for computing environments built around a range of enterprise operating systems. Delivering 99.999% and greater uptime, this modular server harnesses the quad-core Intel® Xeon® processor to achieve high-performance processing power in an affordable 1- or 2-socket system.

The ftServer 4410 is a follow-on to Stratus' 4400 model, which was designated "Best Fault-Tolerant Server" for InfoWorld's 2008 Technology of the Year Awards. The 4410 upgrade offers powerful Intel quad-core technology to space-constrained data centers, remote offices, and *lights-out* settings where business continuity is essential. Customers will find the 4410 architecture ideal for supporting dedicated business processing solutions that include: public safety computer-aided dispatch (CAD), financial services ATM/POS, call/contact center, manufacturing operations management and server virtualization.

The versatile 4410 system is available in rack-optimized or pedestal packaging. This fourth-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 Microsoft® Windows Server™ 2003 and VMware® Infrastructure 3 operating systems.

### **Continuous Processing® features**

Like other members of the industry-standard ftServer family, the model 4410 comes complete with Stratus Continuous Processing features that eliminate operational complexity and high costs inherent in 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.



### **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 4410 system automatically orders its own customer- or field-replaceable parts.



ftServer 4410 systems:  
industry-leading uptime,  
big performance for  
enterprise applications



**The Smarter  
Approach to Uptime™**

The ftServer 4410 system redefines price/performance for fault-tolerant departmental business processing. This mid-range server taps the power of Intel's advanced quad-core technology.



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



## ftServer 4410 system specifications

PROCESSORS	
Logical processors	1- or 2-socket
Processor	Quad-core Intel® Xeon® processor 2.00 GHz
Cache	2 x 6MB
Front side bus	1333 MHz
MEMORY	
Min/max memory	4 GB/32 GB DDR2; 667 MHz FBDIMM
I/O SUBSYSTEM	
PCI slots	6 PCI-X; or 2 PCI-Express and 4 PCI-X
STORAGE SUBSYSTEM	
Internal disk drives supported	500 GB (7200 RPM) SATA 146 GB (15K RPM) SAS
Base system drive slots	6
ftSCALABLE STORAGE SUBSYSTEM	
Expansion drive slots (RAID)	36
RAID Levels	0, 1, 3, 5, 6, 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	up to 4 optional
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 Server 2003 Enterprise Edition
VMware	Infrastructure 3
POWER AND PACKAGING	
Input voltage	Rack: 100-240 VAC; 50 Hz, 60 Hz Pedestal: 100-240 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.

Stratus, ftServer, the ftServer logo, and Continuous Processing are registered trademarks and ActiveService, the Stratus Technologies logo, The Smarter Approach to Uptime, ftScalable, and the Stratus 24x7 logo are trademarks of Stratus Technologies Bermuda Ltd. Microsoft, Windows, Windows Server, and the Windows logo are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Intel, the Intel logo, Xeon, and Xeon Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. VMware and the VMware logo are registered trademarks of VMware, Inc. All other trademarks are the property of their respective holders.