



Stratus® ftServer® W Series 4300 System

The Stratus ftServer W Series 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 operating system. 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 W Series 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 W Series 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 operating system.

Continuous Processing® features

Like other members of the industry-standard ftServer W Series 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 Windows® 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 Windows environment on ftServer systems.

ActiveService™ architecture

ftServer W Series systems constantly monitor their own operation. Remote support capabilities – made possible by Stratus' next generation out-of-band management technology, the Virtual Technician Module, and our global ActiveService Network – enable our service engineers to diagnose, troubleshoot, and resolve problems online as if they were on-site. If needed, the W Series 4300 system automatically orders its own customer- or field-replaceable parts.



ftServer W Series 4300 system specifications

W Series 4300 systems:
industry-leading uptime,
big performance for
Windows applications



The Smarter Approach to Uptime™

The ftServer W Series 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.

PROCESSORS	
Logical processors	1- or 2-way SMP
Processor	Intel® Xeon™ processor 3.2 GHz
Cache	1 MB iL2
Front side bus	800 MHz
MEMORY	
Min/max memory	2 GB/8 GB DDR2
I/O SUBSYSTEM	
PCI-X slots	2 x 64/100
STORAGE SUBSYSTEM	
SATA drives supported	160 GB (7200 RPM); 74 GB (10K RPM)
Base system drive slots (SATA)	6
Expansion drive slots* (FC)	12
EMBEDDED I/O	
10/100/1000 Ethernet	2 dual port
SATA	3 internal channels
CD-ROM or DVD-R/W	2
Serial port	2
USB port	3
MANAGEABILITY	
Baseboard Management Controller (BMC)	standard
Virtual Technician Module (VTM)	2 optional
PCI ADAPTERS	
Fibre Channel (2 Gb JBOD)	2 optional*
Fibre Channel (direct or SAN attach EMC)	2 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	Windows Server 2003 Enterprise Edition
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)

* Requires optional I/O expansion which provides additional 4 x 64/100 high-profile PCI-X slot.

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

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Additional Resources

For more information, please visit the GE Fanuc web site at:

www.gefanuc.com

