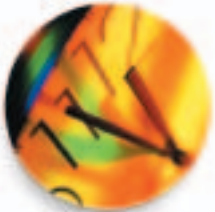# Stratus® ftServer® W Series 6600 System

Continuous Availability

Operational Simplicity

Financial Advantage

The bet-your-business ftServer W Series 6600 system, Stratus' enterprise-class server, delivers maximum performance and availability. Powered by the high-performance Intel® Xeon™ Processor MP, the W Series 6600 2- or 4-way SMP server instantly brings greater than 99.999% uptime to any Microsoft® Windows®-based computing environment.

As the high end of the ftServer product family, the price/performance advantages offered by the W Series 6600 system make it a superb choice for processing-intensive workloads such as server consolidation, enterprise messaging, database applications, enterprise resource planning, customer relationship management, supply chain management and many other critical business applications.

Many advances in the W Series 6600 system can be credited to a space-efficient modular hardware design. Built-in expansion I/O supplies maximum bandwidth at lower cost. The W Series 6600 architecture combines 1U I/O building blocks, common to all ftServer models, with 2U CPU slices paired for fault tolerance. Add a third CPU slice for maximum triple modular redundancy (TMR) hardware protection backed by Stratus' exclusive $100,000 Perfect Performance Program*.

These physical design improvements 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 line, the ftServer W Series 6600 system 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 and costs to make 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. 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

Stratus ftServer systems constantly monitor their own operation. Remote support capabilities — made possible by the system's ftServer Access Adapter and our global ActiveService Network — enable our service engineers to diagnose, troubleshoot, and resolve problems online more than 95% of the time. If necessary, the system automatically orders its own hot-swappable replacement part.

W Series 6600 systems: enterprise-class performance and maximum availability for Windows applications

The Smarter Approach to Uptime™

The ftServer W Series 6600 system redefines price/performance for enterprise-class fault-tolerant Windows computing. When you can't risk downtime for your most critical applications, this high-end server gives you a choice of high-performance processors with DMR or TMR hardware availability options.

www.stratus.com

ftServer W Series 6600 system specifications

PROCESSORS	
Logical processors	2- or 4-way SMP
Processor	Intel® Xeon™ processor MP 2.0 GHz or 3.0 GHz
Cache	1 MB iL3 or 4 MB iL3
Front side bus	400 MHz

MEMORY	
Min/max memory	2 GB/24 GB DDR

I/O SUBSYSTEM	
PCI slots total	2 x 32/33, 4 x 64/33, 6 x 64/66
PCI slots user configurable	4 x 64/33, 6 x 64/66

STORAGE SUBSYSTEM	
Drives supported	36 GB, 73 GB, 146 GB (15K RPM)
Base system drive slots (SCSI)	6
Expansion drive slots (FC)	12

EMBEDDED I/O	
10/100 Ethernet	2
10/100/1000 Ethernet	2
Ultra160 SCSI	Internal and external port
CD-ROM	2
Serial port	2
USB port	2

PCI ADAPTERS	
ftServer Access Adapter	2
Fibre Channel (2 Gb JBOD)	2 optional
Fibre Channel (direct or SAN attach EMC)	2 or 4 optional
Asynchronous	up to 10 optional
1000 Base-T/SX Ethernet	up to 10 optional
10/100 Ethernet	up to 10 optional

HARDWARE AVAILABILITY OPTIONS	
Lockstep CPU enclosures	DMR: 2 or TMR: 3

SERVICEABILITY	
Hot-swappable components	CPU and I/O modules, disks

OPERATING SYSTEMS	
Microsoft Windows	Windows Server 2003 Enterprise Edition

POWER AND PACKAGING	
Input voltage	200-240 VAC; 50 Hz, 60 Hz
System dimension (H x W x D)	17.5" (10U) x 17.75" x 29.23"
Weight	140.5 kg (310 lbs.)
Cabinet	24U, 38U or customer-supplied racks

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