

# Stratus<sup>®</sup> ftServer<sup>®</sup> 6500 Hardware

When you can't risk downtime for your critical applications, only the Stratus ftServer family makes it this easy to protect your business.

The fault-tolerant ftServer 6500 system uses the Intel Xeon processor MP, with Hyper-Threading technology, for maximum system performance.

The Stratus<sup>®</sup> ftServer<sup>®</sup> 6500 system introduces the industry's first fault-tolerant, 4-way symmetric multiprocessing (SMP) server for Windows<sup>®</sup> 2000 applications. Powered by the high-performance Intel<sup>®</sup> Xeon<sup>™</sup> processor MP, the 6500 system instantly brings you the advantages of hardware fault tolerance, software availability, and integrated service technology — proven for business-critical, enterprise-class continuous computing. The ftServer 6500 system provides 99.999% or greater uptime at competitive price/performance, making it the ideal choice for server consolidation, enterprise messaging, database, enterprise resource planning, customer relationship management, supply chain management, e-commerce and other critical business processing applications.

Engineered to drive down total cost of ownership in every dimension, the ftServer 6500 system combines operational simplicity with automated, remote manageability and serviceability features. Microsoft<sup>®</sup> Windows-based applications can be deployed without modification on the fault-tolerant ftServer platform — you immediately gain the benefits of continuous uptime.

**Hardware fault tolerance.** The ftServer architecture uses replicated hardware components to eliminate single points of failure and safeguard data integrity. The replicated components execute the same instructions at the same time, providing an active spare that continues to operate if its partner fails. Unlike a high-availability cluster, the Stratus approach does not impose recovery time. The end result is zero interruption in processing, zero loss of performance, and zero loss of data integrity, even in the event of component failure. Hot-swappable components can be replaced easily online while your ftServer system and applications continue normal operations.

**Software availability.** Stratus breakthroughs in software availability extend the dependability of the Windows 2000 operating system with features that remove common sources of system and application failure and maximize uptime during repair or maintenance. These value-added capabilities are implemented while preserving full compatibility with the Windows operating system environment. Applications and middleware do not need to be modified or made *cluster-aware* to operate on a Stratus ftServer system.

**Integrated service technology.** Proactive service features are built into every ftServer system. ftServer maintenance software automatically monitors and diagnoses system events. Faults are isolated to the component level and corrective action is initiated automatically by the system. Call-home fault reporting and remote diagnostics allow service professionals to investigate and resolve issues remotely. Your system and applications remain online during troubleshooting, repairs, and upgrades. The worldwide 24 x 7 Stratus Service Network (SSN) enables fast remote diagnosis and resolution of critical hardware and software issues.



## Stratus ftServer 6500 systems

Fault Tolerance for critical business applications with the power of the Intel Xeon processor MP

Specifications	ftServer 6500 System
<b>Processors</b>	
Symmetric Multiprocessing (SMP) Processor	1-way, 2-way, and 4-way Intel Xeon processor MP
Front Side Bus	1.6 GHz, 1 MB iL3 cache 400 MHz
<b>Memory</b>	
Minimum/Maximum Memory	1 GB/6 GB DDR
<b>I/O Subsystem</b>	
PCI Slots	16 total, 12 user-configurable
32-bit, 33 MHz Operation	8 total, 4 user-configurable
64-bit, 33 MHz Operation	8 total, 8 user-configurable
<b>Disk Subsystem</b>	
Base System Drive Slots	14-slot Ultra160 disk enclosure
Maximum SCSI Disk Drives	14, 26, or 28
Maximum SCSI Storage Capacity	1 TB, 1.8 TB, or 2 TB
Ultra160 Drives Supported	36 GB, 73 GB (10K RPM); 18 GB (15K RPM)
<b>Front Panel</b>	
24 X CD-ROM	1
120 MB Super Disk	1
VGA Monitor Port	Yes
USB Port	2
LCD Message Display	Yes
<b>PCI Adapters</b>	
ftServer Access Adapter	2 standard
2-port Ultra160 SCSI	2 standard, 2 optional
1-port Ultra2 SCSI Tape Controller	1 or 2 optional
10/100BaseTx Ethernet	2 to 12 optional
1000BaseSx Ethernet	2 to 12 optional
10/100/1000Base-T Ethernet	2 to 12 optional
Fibre Channel	2 optional
8-port Asynchronous	2 to 10 optional
<b>Serviceability</b>	
Hot-Swappable Components including CPU and PCI Enclosures	Yes
<b>Hardware Availability Options</b>	
Dual Modular Redundancy (DMR)	Yes
Triple Modular Redundancy (TMR)	Yes
<b>Operating System</b>	
	Windows 2000 Advanced Server
<b>Power and Packaging</b>	
AC Input Voltage Nominal	200 to 240 VAC
Power Requirements (Base System)	DMR: 2375 Watts; TMR: 3075 Watts
Module Packaging	DMR: 16 U + 3 U per additional disk shelf/storage TMR: 18 U + 3 U per additional disk shelf/storage
Cabinets	24 U, 38 U, or customer-supplied

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

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