

Stratus[®] ftServer[®] 5240 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 5240 systems, powered by Intel Xeon processors with Hyper-Threading technology, provide highly cost-effective solutions for a wide range of business and e-commerce applications.

The Stratus[®] ftServer[®] 5240 system introduces a state-of-the-art fault-tolerant, 2-way symmetric multiprocessing (SMP) server for Windows[®] 2000 applications. Powered by the cost-effective, high-performance Intel[®] Xeon[™] processor, the 5240 system instantly brings you the advantages of hardware fault tolerance, software availability, and integrated service technology — proven for continuous business-critical computing. The ftServer 5240 system delivers 99.999% uptime at competitive price/performance, making it the ideal choice for a wide range of Windows applications. As your business and computing needs grow, the 5240 system offers you the flexibility of a field upgrade to the ftServer 6500 4-way system.

Engineered to drive down total cost of ownership in every dimension, the ftServer 5240 system combines operational simplicity with automated, remote manageability and serviceability features. Microsoft[®] 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 5240 systems

Fault Tolerance for critical business applications with the price/performance of the Intel Xeon processor

Specifications	ftServer 5240 system
Processors	
Symmetric Multiprocessing (SMP)	1-way and 2-way
Processor	Intel Xeon processor 2.4 GHz, 512 KB iL2 cache
Front Side Bus	400 MHz
Memory	
Minimum/Maximum Memory	1 GB/6 GB DDR
I/O Subsystem	
PCI Slots	8 or 16 total, 4 or 12 user-configurable
32-bit, 33 MHz Operation	8 total, 4 user-configurable
64-bit, 33 MHz Operation (optional)	8 total, 8 user-configurable
Disk Subsystem	
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)
Front Panel	
24 X CD-ROM	1
120 MB Super Disk	1
VGA Monitor Port	Yes
USB Port	2
LCD Message Display	Yes
PCI Adapters	
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
Serviceability	
Hot-Swappable Components including CPU and PCI Enclosures	Yes
Hardware Availability Options	
Dual Modular Redundancy (DMR)	Yes
Triple Modular Redundancy (TMR)	No
Operating System	
	Windows 2000 Advanced Server
Power and Packaging	
AC Input Voltage Nominal	200 to 240 VAC
Power Requirements (Base System)	1975 Watts
Module Packaging	16 U + 3 U per additional disk shelf/storage
Cabinets	24 U, 38 U, or customer-supplied

* 64-bit expansion I/O Chassis required

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

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