

Stratus ftServer[™] 3200 Hardware

Stratus' low-cost high-capacity ftServer 3200 models provide continuous computing availability for Windows 2000 applications.

Ideal for branch enterprises, the customer-installable 3200 series is deployed and managed cost-effectively and easily in distributed, remote, and operator-less computing environments.

The Stratus[®] ftServer[™] 3200 family delivers the world's most reliable, most available computing environment for applications running under Microsoft[®] Windows[®] 2000. Stratus servers instantly and transparently provide your business-critical applications with the powerful advantages of our hardware fault tolerance, software availability, and integrated service technology.

When you can't afford to risk downtime for your critical business applications, only the Stratus ftServer series makes it this easy and this effective to protect business-critical uptime. The 3200 series combines the lowest possible cost for continuous availability with the advantages of a small footprint that comes packaged in both pedestal and rack-mounted configurations.

Hardware fault tolerance. The benefits begin with Stratus' unique fault-tolerant hardware design. The ftServer 3200 series achieves fault tolerance through a dual-modular redundant (DMR) architecture. Each ftServer system integrates replicated hardware components to eliminate single points of failure and safeguard data integrity. The server automatically manages its redundant components, executing all processing in lockstep. Because replicated components perform the same instructions at the same time, there is zero interruption in processing, zero loss of performance, and zero loss of data integrity even if a component fails. Unlike a high-availability cluster, the Stratus approach does not impose recovery time.

Software availability. Stratus also brings you breakthroughs in software availability that prevent outages and minimize downtime related to software issues. Innovations like these not only complement the solid reliability of Windows 2000, they also preserve full Application Binary Interface (ABI) compatibility with the operating environment. You won't have to modify your applications or middleware to run them on a Stratus ftServer system.

Integrated service technology. Proactive service features built into ftServer systems detect emerging problems early, then help keep your system and application online during troubleshooting, repairs, or upgrades. Remote serviceability and hot-pluggable, customer-replaceable parts cut the delays and costs associated with on-site service calls.

The ftServer 3220 comes equipped with Stratus' ftServer access PCI adapter that provides secure remote console, service, and system management capabilities through a connection to the 24 x 7 worldwide Stratus Service Network (SSN). This includes Stratus' industry-leading *call home* fault reporting and remote diagnostic services. The ftServer access PCI adapter's console and system management features provide remote access to the system regardless of its state, helping ensure the highest levels of availability. The ftServer 3210 provides remote service through the system serial port. Remote monitoring features include *call home* fault reporting and remote dial-in diagnostic services.



Stratus ftServer™ systems.

The power of continuous computing
for Windows 2000 applications.

Specifications	ftServer 3210/3220
Processors	
Logical Processors	1 - 2 Way SMP
Processor	Intel® Pentium® III processor 800 MHz
Cache	256 KB
Front Side Bus	100 MHz
Memory	
Min./Max. Memory	256 MB/2 GB
I/O Subsystem	
PCI Slots, Total	8
PCI Slots, User Configurable	6
Embedded	
Ultra 160 SCSI	2
10/100 Ethernet	2
Disk Subsystem	
Drives Supported	18/36 GB, 73 GB** (10K RPM); 18 GB** (15K RPM)
Base System Drive Slots	6
Front Panel	
CD-ROM	1
Super Disk/FDD	1
Serial Port	2
USB Ports	3
PCI Adapters	
ftServer Access PCI Adapter	Standard on 3220 only
1 Channel Ultra 2 SCSI Tape Controller	Optional
10/100 Mbps Ethernet	Optional
1000 Base-T/Sx Ethernet**	Optional
Fibre Channel	Optional
Synchronous, Asynchronous	Optional
Serviceability	
Hot-Swap Components:	Yes
PCI Enclosure*, Power Supplies, Fans, CPU Enclosure, Disks	
Hardware Availability Options	
Dual Modular Redundancy (DMR)	Yes
Triple Modular Redundancy (TMR)	No
Windows 2000 Operating System	
	Advanced Server
Power and Packaging	
Power Consumption (Max.)	750 Watts
AC Voltage Nominal	Universal Power Supplies
AC Input Voltage Nominal/Absolute	120/240 VAC +/- 10%
AC Input Frequency	50/60 HZ
Dual Power Cords	Yes
Rack Outside Dimension	8U: 14" x 18" x 28"
Rack Pedestal Dimension	21" x 14" x 28"
Weight (Maximum Configuration)	64 kg (141 lbs)

* Requires replicated cards containing Stratus' hardened drivers across both modules.

** Requires minimum system revision.

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

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