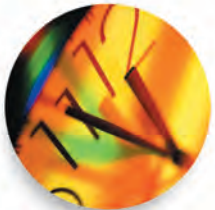


Stratus ftServer Family of Systems

2600, 4500, 6300 Models

Fifth-generation Stratus® ftServer® systems, deliver affordable continuous availability, comprehensive data protection and up to 4 times the performance of previous ftServer generations. Powered by quad-core Intel® Xeon® processors and Intel QuickPath Architecture, the ftServer 2600, 4500 and 6300 models feature the Microsoft® Windows Server® 2008 and Red Hat® Enterprise Linux® operating systems. These industry-standard, fault-tolerant servers eliminate the operational complexity and high costs inherent in other solutions.



Total Availability

Priced below comparable cluster solutions, the entry-level 2600 model features a compact design that combines economic value with lights-out management. It's an ideal choice for volume deployment at remote locations — or as a fault-tolerant replacement for ordinary, standalone servers.



Operational Simplicity

The ftServer 4500 brings businesses a powerful, flexible solution for dedicated business processing. The system leverages Intel® QuickPath technology which incorporates integrated high-speed memory controllers and interconnects that boost system performance, bandwidth and reliability. These design enhancements are complemented by the availability, performance and security features offered by the operating systems.



Financial Advantage

The top-of-the-line 6300 system is powered by two high-performance, quad-core Intel Xeon processors for outstanding levels of processing power. No-compromise features like hyper-threading technology, integrated memory controllers and high-speed interconnects make this system right for enterprise-class applications or transaction-intensive data center solutions. Such environments include server virtualization, database engine, electronic funds transfer, online banking, supply chain, and cloud computing.

Whichever ftServer model you choose, you're sure to benefit from business continuity, data integrity, customer satisfaction, and the highest levels of uptime in the industry.

Continuous Processing® features

Stratus Continuous Processing technology, *The Smarter Approach to Uptime™*, is built into every ftServer system. Every aspect of the server — hardware, software, and service — is designed to prevent unplanned downtime. Your enterprise gains superior uptime protection without the need for failover scripting, repeated test procedures, or any extra effort to make applications cluster-aware.

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.

ActiveService™ architecture

Stratus ftServer systems constantly monitor their own operation. Remote support capabilities — made possible by the global Stratus 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.

ftScalable™ Storage

The ftScalable storage solution from Stratus packs innovative availability into an economical, scalable, 2U powerhouse. This high-performance, modular array addresses dedicated, shared and networked storage environments — allowing you to dynamically configure and grow your system as quickly as the needs of your business dictate.

Like other members of our ftServer product family, the fault-tolerant ftScalable solution is designed for continuous availability. Redundant components, integrated automatic controller failover, and hot standby features combine with multi-path IO support to ensure maximum data integrity and protection.



ftServer System Specifications

2600



4500



6300



PROCESSORS			
Logical processors	1 socket (per CRU)	2 sockets (per CRU)	2 sockets (per CPU)
Processor	Intel Xeon processor E5504, 2.0 GHz	Intel Xeon processor E5504, 2.0 GHz	Intel Xeon processor X5570, 2.93 GHz
Cores	4 (per processor)	4 (per processor)	4 (per processor)
L2 Cache	4 MB	4 MB	8 MB
Intel QPI speed	4.8 GT/s	4.8 GT/s	6.4 GT/s
Maximum memory bandwidth	19.2 GB/s	38.4 GB/s	51.1 GB/s
MEMORY			
Min/max memory	4 GB/16 GB DDR3; 800 MHz DIMM	4 GB/48 GB DDR3; 800 MHz DIMM	8 GB/96 GB DDR3; 1066 MHz DIMM
DIMM Slots	12 (6 per CRU)	12 (6 per CRU) or 24 (12 per CRU)	24 (12 per CRU)
I/O SUBSYSTEM			
Integrated PCI adapter slots	4 PCI-Express (2 per CRU)	4 PCI-Express (2 per CRU)	4 PCI-Express (2 per CRU)
Optional PCI adapter slots	N/A	4 PCI-Express (Gen 2) or 4 PCI-X	4 PCI-Express (Gen 2) or 4 PCI-X
STORAGE SUBSYSTEM			
Internal system drive bays	16 SAS 2.5" (8 per CRU)	16 SAS 2.5" (8 per CRU)	16 SAS 2.5" (8 per CRU)
Internal SAS disk drives supported	15 K (73 GB, 146 GB); 7.2 K (500 GB)	15 K (73 GB, 146 GB); 7.2 K (500 GB)	15 K (73 GB, 146 GB); 7.2 K (500 GB)
FTSCALABLE STORAGE			
Expansion drive slots (RAID)	36	36	36
RAID levels	0, 1, 3, 5, 6, 10, 50	0, 1, 3, 5, 6, 10, 50	0, 1, 3, 5, 6, 10, 50
EMBEDDED I/O			
10/100/1000 Ethernet ports	4 (2 per CRU)	4 (2 per CRU)	4 (2 per CRU)
10/100 management Ethernet	2 (1 per CRU)	2 (1 per CRU)	2 (1 per CRU)
DVD-R/W	1	1	1
Serial (com) ports	2 (9-pin ports per system)	2 (9-pin ports per system)	2 (9-pin ports per system)
USB ports	4 (3 on rear, 1 on front per system)	4 (3 on rear, 1 on front per system)	4 (3 on rear, 1 on front per system)
MANAGEABILITY			
Baseboard mgmt. controller	standard	standard	standard
Integrated VTM	standard	standard	standard
Graphics adapter	1 VGA port per system	1 VGA port per system	1 VGA port per system
ActiveService Modem	1 on rear panel (optional)	1 on rear panel (optional)	1 on rear panel (optional)
PCI ADAPTERS			
1000 Base-T/SX dual-port Ethernet	up to 4 optional (2 per CRU)	up to 8 optional (4 per CRU)	up to 8 optional (4 per CRU)
SAS 8-port host bus adapter (tape)	up to 1 optional (non-redundant)	up to 1 optional (non-redundant)	up to 1 optional (non-redundant)
Fibre channel for external storage	up to 2 optional (1 per CRU)	up to 2 optional (1 per CRU)	up to 2 optional (1 per CRU)
SERVICEABILITY			
Hot-swappable components	CPU / I/O module, disks	CPU / I/O module, disks	CPU / I/O module, disks
OPERATING SYSTEMS			
Microsoft	Windows Server® 2008 Standard edition	Windows Server 2008 Enterprise edition	Windows Server 2008 Enterprise edition
Red Hat	Red Hat Enterprise Linux 5	Red Hat Enterprise Linux 5	Red Hat Enterprise Linux 5
POWER AND PACKAGING			
Input voltage	100-127, 200-240 VAC; 50 Hz, 60 Hz	100 to 240 VAC; 50 Hz, 60 Hz	100 to 240 VAC; 50 Hz, 60 Hz
Rack dimension (H x W x D)	7.0" (4U) x 17.5" x 30.1"	7.0" (4U) x 17.5" x 30.1"	7.0" (4U) x 17.5" x 30.1"
Weight (fully loaded)	Rack: 54.43 kg (120 lbs.)	Rack: 54.43 kg (120 lbs.)	Rack: 54.43 kg (120 lbs.)



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

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