



Stratus® ftServer® 5700 System

The ftServer® 5700 system is Stratus' top-of-the-line, server designed for mission-critical computing. With 99.999% and greater uptime, the 5700 server delivers maximum performance and fault tolerance for Microsoft® Windows®- and Red Hat® Enterprise Linux®-based computing environments. Its computing power and capacity allow it to handle the most demanding workloads with ease.

Powered by the high-performance, dual-core Intel® Xeon® processor, the 2-way 5700 system achieves outstanding levels of processing power in rack-optimized packaging. These features make it the perfect choice for enterprise-class applications or transaction-intensive data center solutions. Such environments include electronic funds transfer, online trading and banking, electronic medical records, customer relationship management, and supply chain solutions.

The modular design of the ftServer 5700 system combines maximum space efficiency and price/performance with reliability and serviceability features not found in alternative solutions. These physical design improvements are further enhanced by the availability, performance, and security features offered by the Windows Server™ 2003 and Red Hat Enterprise Linux AS 4 operating systems.

Continuous Processing® features

Like other members of the industry-standard ftServer line, the ftServer 5700 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 applications — and without the need for failover scripting, repeated test procedures, or extra effort to make your 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 lock-step 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. Stratus' hardened device drivers add yet another level of reliability to the operating system environment on ftServer systems.

ActiveService™ architecture

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 as if they were on-site. If needed, the ftServer 5700 system automatically orders its own customer or field-replaceable parts.



ftServer 5700 systems:
industry-leading uptime,
high performance, flexible
expandability for Windows
and Linux applications



The Smarter Approach to Uptime™

The ftServer 5700 system redefines expandable price/performance for fault-tolerant computing. This top-of-the-line server excels in applications that demand higher I/O throughput and in settings with growing or unpredictable workloads.

ftServer W Series 5700 system specifications

PROCESSORS	
Logical processors	2-way SMP
Processor	Dual-core Intel® Xeon® processor 2.80 GHz
Cache	2 MB iL2 per core
Front side bus	800 MHz
MEMORY	
Min/max memory	2 GB/16 GB DDR2
I/O SUBSYSTEM	
PCI-X slots	6 x 64/100
STORAGE SUBSYSTEM	
SATA drives supported	160 GB, 400 GB (7200 RPM); 74 GB (10K RPM)
Base system drive slots (SATA)	6
Expansion drive slots (FC)	12 (Windows only)
EMBEDDED I/O	
10/100/1000 Ethernet	2 (dual port)
SATA	3 internal channels
CD-ROM or DVD-R/W	2
Serial port	2
USB port	3
MANAGEABILITY	
Baseboard Management Controller (BMC)	standard
Virtual Technician Module (VTM)	2 optional (Windows only)
PCI ADAPTERS	
Fibre Channel (2 Gb JBOD)	2 optional (Windows only)
Fibre Channel (direct or SAN attach EMC)	2 optional (Windows only)
1000 Base-T/SX dual port Ethernet	up to 6 optional
Ultra320 SCSI tape	up to 2 optional
SERVICEABILITY	
Hot-swappable components	CPU / I/O module, disks
OPERATING SYSTEMS	
Microsoft Windows	Windows Server 2003 Enterprise Edition
Linux®	Red Hat Enterprise Linux AS 4 EM64T (64-bit)
POWER AND PACKAGING	
Input voltage	Rack: 100-240 VAC; 50 Hz, 60 Hz
Rack system dimension (H x W x D)	7.0" (4U) x 17.5" x 30"
Weight (including rails)	Rack: 56.16 kg (123.8 lbs.) including rails

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

GE Fanuc Automation Information Centers

Americas:
1 800 GE FANUC or 434 978 5100

Asia Pacific:
86 21 3222 4555

Europe, Middle East and Africa:
800 1 GEFANUC or 800 1 4332682
or 1 780 401 7717

Europe, Middle East and Africa (CNC):
352 727979 1

Additional Resources

For more information, please visit
the GE Fanuc web site at:

www.gefanuc.com

