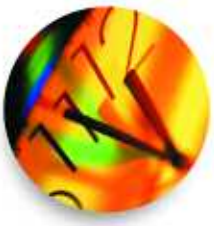
Stratus® ftServer® V Series Model 500 Systems



Continuous Availability

Operational Simplicity

Financial Advantage

Stratus servers running the VOS operating system have long been valued for their ability to deliver industry-leading uptime. The V Series 500 combines the stability of the VOS operating system with the power of the Intel® Xeon® Processor in a 2-way, dual core symmetric multiprocessing (SMP) server.

V Series 500 models feature a dual modular redundancy (DMR) hardware architecture engineered to provide greater than 99.999% uptime right out of the box. The V Series 500 handles unprecedented levels of online transaction processing for applications such as trading systems in financial services and point-of-sale (POS) debit- and credit-card authorization. With exceptional headroom for application growth, these servers ensure unequaled investment protection.

Taking advantage of the performance and capacity of V Series servers couldn't be simpler. You benefit from familiar VOS functionality that includes the availability protection you've come to rely on. Moving your mission-critical applications to V Series servers is easy and uncomplicated. Existing Continuum-based applications can be recompiled simply by using the available cross-compilers. Or call on Stratus Professional Services experts to assist with the migration.

After migrating, you'll find that ftServer V Series systems and applications will interoperate with your installed PA-RISC® servers running VOS. The same exceptional serviceability you are accustomed to — including server self-monitoring, the Stratus Remote Service Network (RSN™), and Assured Availability℠ service coverage* — continues to defend against unplanned downtime around the clock.

Continuous Processing® features

Like other Stratus systems, V Series servers use Continuous Processing technology to safeguard uptime without the operational complexity and added costs inherent in high-availability alternatives. Built-in fault tolerance eliminates the failover scripting, repeated testing, and application changes required with server clusters.

Lockstep technology

With Stratus' 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 acts as an active spare that continues normal operation. There is no system downtime and no data loss.

VOS operating system

V Series servers run Stratus' VOS operating system, which for decades has supported the industry's top levels of uptime. Release 16.1 or later is required for V Series 500 models.

Uptime-protecting service

Stratus V Series servers are designed to continuously monitor their own operation. If a problem is detected, the server correctly isolates the condition, and automatically opens a call that tells the Stratus support center exactly what action to take. Remote support capabilities — made possible by the system's design and the worldwide Remote Services Network — enable our service engineers to troubleshoot and resolve problems online more than 95% of the time. The system also automatically orders its own hot-swappable replacement part when necessary.

* Customers must have a Stratus Assured Availability Services Agreement in effect to receive coverage.

Stratus ftServer™

ftServer V Series 500: Servers designed for applications that are running up against performance or capacity limits.

The Smarter Approach to Uptime™

Stratus Technologies

www.stratus.com

Stratus 24 7

Intel Xeon Inside

ftServer V Series 500 system specifications

PROCESSORS/MEMORY	
Logical processors	2-way dual core
Intel® Xeon® processors	(4) 2.80 GHz
Cache	2 MB iL2 per core
Front side bus	800 MHz
Min/max memory (GB)	4, 8, 12, 16

I/O SUBSYSTEM	
PCI-X slots	6 x 64/100

STORAGE SUBSYSTEM/RAID ARRAY	
RAID configuration from factory	RAID 5+1, Block-level striping with distributed parity, mirrored
Maximum RAID controller chassis	3 logical, 6 physical; connected via Fibre-Channel switches
Disk drives supported	146GB (15K RPM SAS)
Maximum disks per chassis	12 physical
Maximum disks	36 logical, 72 physical
Maximum capacity per chassis	1.7 TB
Maximum capacity (full array)	5.2 TB
Host interface	(2) 4GB per second Fibre Channel
High-performance cache technology	Duplicache™; EnviroStor™

EMBEDDED I/O	
10/100/1000	(2) 2-port embedded*

ADAPTERS	FORM FACTOR
Fibre Channel	PCI; 2-port adapter
10/100/1000 Base-T	PCI; 4-port adapter
10/100/1000 Sx	PCI; 2-port adapter
Sync	CompactPCI; 8-port adapter (via NIO)

SERVICEABILITY	
Hot-swappable components	CPU and I/O modules, disks

OPERATING SYSTEMS	
VOS	Version 16.1 or later

POWER AND PACKAGING	
Input voltage	200-240 VAC; 50 Hz, 60 Hz
Cabinet	38U: Stratus supplied
Weight	318 kg (700 lbs.)

* One pair of ports are available on non-NIO configurations, none are available on NIO configurations.

All V Series 500 systems have been designed and manufactured to comply with the European Union (EU) Restriction of Hazardous Substances (RoHS) directives.

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