

Stratus® ftServer® V Series Model 200/400 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. Stratus V Series 200 and V Series 400 servers are intended specifically for applications that are running up against performance or capacity limits. Offering four to five times the performance of Continuum® VOS-based server hardware, V Series systems bring together the stability of the VOS operating system and the power of the Intel® Xeon™ Processor. Models range from 2- to 4-way symmetric multiprocessing (SMP) servers.

V Series systems feature a triple modular redundancy (TMR) hardware architecture engineered to provide greater than 99.999% uptime right out of the box. The servers are designed for a range of high-volume applications, such as trading systems in financial services and point-of-sale (POS) debit- and credit-authorization.

Taking advantage of the greater 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 seamlessly 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 AvailabilitySM 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 computer industry's top levels of uptime. Release 15.3 of VOS is required.

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 RSN — 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.



ftServer V Series servers:
how high-volume VOS
applications can grow to
new levels of performance
and capacity.



The Smarter Approach to Uptime™



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ftServer V Series system specifications

PROCESSORS	
Logical processors	Model 200, 2-way SMP; Model 400, 4-way SMP
Processor	Intel® Xeon™ processor MP 2.00 GHz or 3.00 GHz
Cache	1 MB iL3 or 2 MB iL3
Front side bus	400 MHz
MEMORY	
Min/max memory	4 GB/12 GB DDR
I/O SUBSYSTEM	
PCI slots total	2 x 32/33, 4 x 64/33, 6 x 64/66
PCI slots user-configurable	2 x 64/33, 4 x 64/66
STORAGE SUBSYSTEM	
Fibre drives supported	30 GB, 62 GB (15K RPM)
Base system drive slots	28
External	2 cabinets; max drives 224*
ADAPTERS	
Fibre Channel	PCI; 1-port adapter
10/100/1000 Base-T/Sx Ethernet	PCI; 1-port adapter or PCI; 2-port adapter
Token Ring	PCI; 1-port adapter
Sync	CompactPCI; 8-port adapter (via NIO)
T1	CompactPCI; 8-port adapter (via NIO)
E1	CompactPCI; 8-port adapter (via NIO)
HARDWARE AVAILABILITY OPTIONS	
Lockstep CPU enclosures	TMR: 3
SERVICEABILITY	
Hot-swappable components	CPU and I/O modules, disks
OPERATING SYSTEMS	
VOS	Version 15.3 or later
POWER AND PACKAGING	
Input voltage	200-240 VAC; 50 Hz, 60 Hz
System dimension (H x W x D)	17.5" (10U) x 17.75" x 29.23"
Weight	140.5 kg (310 lbs.)
Cabinet	38U

* VOS maximum 252 disk drives

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

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