

# Stratus® ftServer® V Series Model 100 Systems

Stratus servers running the VOS operating system have long been valued for their ability to deliver industry-leading uptime. The V Series 100 system combines the stability of the VOS operating system with the power of the Intel® Xeon™ Processor in a 1-way symmetric multiprocessing (SMP) server.

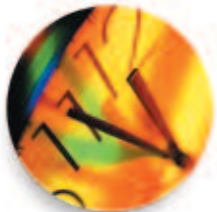
The V Series 100 system features a dual modular redundancy (DMR) hardware architecture engineered to provide greater than 99.999% uptime right out of the box. The V Series 100 offers increased capacity and performance for applications currently running on low-end Continuum systems. It is also an ideal choice for customers who need a compiler-equipped software development and testing platform or for value-added resellers deploying VOS-based solutions in volume. V Series 100 servers are fully compatible with Stratus' mid-range V 200 and high-end V 400 models.

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. In fact, we've made it as simple as "compile, test, and go". Or call on Stratus Professional Services experts to assist with the migration.

After you've completed the migration process, 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 AvailabilitySM service coverage\* — continues to defend your business 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.



### Continuous Availability



### Operational Simplicity



### Financial Advantage



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 for the V 100 system.

## 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 100 servers:  
increased capacity and  
performance for applications  
currently running on low-end  
Continuum systems.



*The Smarter Approach to Uptime™*



[www.stratus.com](http://www.stratus.com)



## ftServer V Series 100 system specifications

| PROCESSORS                               |                                      |
|--|--------------------------------------|
| Logical processors                       | Model 100, 1-way SMP                 |
| Processor                                | Intel® Xeon™ processor 3.06 GHz      |
| Cache                                    | 512 KB iL2                           |
| Front side bus                           | 533 MHz                              |
| MEMORY                                   |                                      |
| Min/max memory                           | 2 GB/6 GB DDR                        |
| I/O SUBSYSTEM                            |                                      |
| PCI slots total                          | (6) 2 x 32/33, 4 x 64/33             |
| PCI slots user-configurable              | (2) 2 x 64/33                        |
| Embedded I/O                             | (2) 10/100/1000 Ethernet             |
| STORAGE SUBSYSTEM                        |                                      |
| Fibre drives supported                   | 62 GB (10K RPM)                      |
| Base system drive slots                  | 28                                   |
| External                                 | 2 disk shelves; max drives 224*      |
| ADAPTERS                                 |                                      |
| Fibre Channel                            | PCI; 1-port adapter                  |
| 10/100/1000 Base-T/1000 Base-Sx Ethernet | 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) |
| FORM FACTOR                              |                                      |
| HARDWARE AVAILABILITY OPTIONS            |                                      |
| Lockstep CPU enclosures                  | DMR: 2                               |
| SERVICEABILITY                           |                                      |
| Hot-swappable components                 | CPU and I/O modules, disks           |
| OPERATING SYSTEMS                        |                                      |
| VOS                                      | Version 15.3                         |
| POWER AND PACKAGING                      |                                      |
| Input voltage                            | 200-240 VAC; 50 - 60 Hz              |
| System dimension (H x W x D)             | 7" (4U) x 17.75" x 29.23"            |
| Weight                                   | 477.9 kg (1,062 lbs) packaged        |
| Cabinet                                  | 38U                                  |

\* VOS maximum 224 disk drives

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

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