Stratus® Continuum® Series
VOS, Stratus Virtual Operating System

The Stratus® Continuum® Series running VOS provides the most reliable computing environment in the industry. Perfected by two decades of engineering enhancements, VOS works seamlessly and transparently with the availability, reliability, and serviceability features built into every Stratus Continuum system, ensuring continuous availability for mission-critical applications.

Expressly designed to take full advantage of Continuum symmetric multiprocessing (SMP) technology, VOS manages lock-stepped processors to maximize throughput and system performance while protecting the application from processor failures. Tasking capabilities ensure efficient processing while reducing overhead by using a small number of processes for a large number of users.

VOS enables developers to bring applications into production quickly and simply. VOS supports open-system flexibility and capability for languages, databases and communications as well as a comprehensive range of WAN and LAN protocols for distributed environments. Open StrataLINK® with TCP/IP software enables Stratus modules and systems to communicate in a standard network environment.

User Interface Features
- Simple, direct access to operating system functions such as file and device I/O through the VOS command language
- Display form function that gives users a form for every command by displaying command arguments and a range of allowed values
- A command macro facility that offers a command programming capability for creating time-saving tools for system and application tasks
- International Character Set Support (ICSS) for European and Asian language and date formats
- Online help facility
- National Computer Security Center (NCSC) C2-type security
- StrataDOC: VOS documentation and manuals on a convenient CD-ROM

Continuous Availability

Operational Simplicity

Financial Advantage

Advanced Development Tools
- POSIX.1 compliance
- Programmability in high-level languages such as C++, C, COBOL, FORTRAN, Pascal, and PL/I
- Powerful symbolic debugger
- Protected and simplified data management through the Transaction Protection Facility (TPF)
- CORBA compliance

Communications Protocols	
●	TCP/IP
●	X.25
●	SNA
●	SDLC/QLLC
●	Async
●	Bisync
●	LAPB
●	Poll/Select
●	RJE/HASP
●	ALC/SLC
●	Visa, S.W.I.F.T., NASDAQ, FAS, CHIPS, AMEX
●	MQ Series
Hardware Interfaces	
●	Ethernet (IEEE 802.3)
●	Token Ring (IEEE 802.5)
●	RS-232
●	RS-422
●	RS-423
●	V.35
●	Multiplexed Host Interface

Stratus®

CONTINUUM®

Stratus enterprise servers: powerful, reliable, available mission-critical solutions

Continuum VOS Specifications	616	651/652	1251/1252
PROCESSORS			
Logical / physical CPUs	616:L1/P4	651-2:L1/P4 652-2:L2/P8	1251-2:L1/P4 1252-2:L2/P8
HP® PA-RISC® processor	360MHz PA-8X00	480MHz PA-8600	480MHz PA-8600
Cache per processor	1.5MB	1.5MB	1.5MB
Min/max memory	0.5GB/2GB	0.5GB/4GB	0.5G/4GB
STORAGE			
Logical / physical disk expansion	L47/P94	L47/P94	L95/P190
Disk capacities	9GB, 18GB, 30GB, 34GB	9GB, 18GB, 30GB, 34GB	9GB, 18GB, 30GB, 34GB
Maximum number tape drives	4	4	4
Differential SCSI/Enet I/O controller	4	4	8
ADAPTERS			
Fibre Channel host bus adapters	2	2	2
PCI mezzanine card I/O controller	2	2	6
Max # of PCI mezzanine cards	6	6	18
Stratus I/O controller	2	2	6
Number of I/O cards	28	28	84
Ethernet ports	10	10	18
T1/E1 ports	8	8	8
Token Ring ports	8	8	24
FDDI ports	4	4	8
Async ports	448	448	448
Sync 232 ports	112	112	112
Sync X.21 ports	28	28	84
Sync V.35 ports	56	56	168
POWER AND PACKAGING			
Power consumption	3600 Watts	3600 Watts	3600 Watts
AC input voltage nominal	200 to 240 VAC	200 to 240 VAC	200 to 240 VAC
AC input voltage absolute	180 to 264 VAC	180 to 264 VAC	180 to 264 VAC
AC input frequency	47/63Hz	47/63Hz	47/63Hz
Height dimensions	180.3 cm (71 in)	180.3 cm (71 in)	180.3 cm (71 in)
Width dimensions	76.2 cm (30 in)	76.2 cm (30 in)	76.2 cm (30 in)
Depth dimensions	102 cm (40 in)	102 cm (40 in)	102 cm (40 in)
Weight (maximum configuration)	545.5 kg (1200lbs)	545.5 kg (1200 lbs)	545.5 kg (1200 lbs)

Stratus®
Technologies

www.stratus.com