

Stratus® ftServer® T Series T30 AC System

For more than twenty years, many of the world's largest telecom service providers have relied on Stratus® hardware, software, and services for the delivery of continuously available network solutions. The ftServer® T Series systems establish a new standard for price/performance and open network environments in a server that delivers the same high levels of availability and carrier-grade fault tolerance you've come to expect from Stratus.

The T Series AC family is designed with all the Continuous Processing® features and performance required to meet the demands of traditional and next-generation telecommunications solutions. T Series AC systems are the ideal platform for a broad range of solutions from next-generation services to enterprise telephony applications.

T Series AC systems combine Intel® Xeon™ processors and the Red Hat® Enterprise Linux® operating system with Stratus' proven, fault-tolerant server architecture that delivers greater than 99.999% uptime right out of the box. The result is an open, affordable, no-compromise Continuous Processing® server family designed especially for telecommunications applications.

Continuous Processing Technology

Every T Series AC server uses replicated, fault-tolerant hardware to eliminate single points of failure and protect data integrity. 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, preventing system downtime and data loss.

This use of Continuous Processing technology ensures superior uptime and eliminates the operational complexity and higher costs inherent in high-availability alternatives. Our hardware-based fault tolerance requires no failover scripting, repeated test procedures or application modifications to ensure applications availability or smooth integration of systems into telecom environments.

The reliability and availability of T Series AC servers is complemented by our industry-leading ActiveService™



architecture. Self-checking hardware and onboard diagnostics detect, isolate, and report potential problems before they affect server operation — offering complete hardware diagnostics and alarms not available on other servers.

T Series AC servers work seamlessly with the Stratus Integrated Network Applications Platform (SINAP®) family, our widely deployed development and runtime software for applications in TDM, IP, and converged networks. Combined with the Red Hat Enterprise Linux operating system, these carrier-grade platforms bring you proven, affordable reliability, rapid time to market for new solutions, and lower development and operational costs.

T Series AC systems are ideal for solutions such as:

Next Generation Solutions

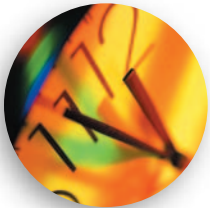
- Application server
- Presence server
- Content server
- Web portal
- Call session control functions
- SIP server

OSS / BSS

- Billing data collection
- Network performance monitoring
- Network management
- Managed content delivery & hosting

Enterprise Telephony

- IP PBX
- Contact center
- VoIP Gateway



Continuous Availability



Operational Simplicity



Financial Advantage





ftServer T Series T30 AC system features and benefits

- Lower total cost of ownership than high-availability systems. No failover scripting, no systems integration, no special administration needed for applications
- Cost-effective, continuous availability through use of Intel processors and the Red Hat Enterprise Linux operating system
- Complete network management through Stratus ActiveService Architecture and SNMP
- Proven, industry-leading telecom applications
- Consistent APIs enable easy porting of any SINAP-based application
- Open, portable Linux applications now run on carrier-grade, continuously

ftServer T Series T30 AC system specifications

MODEL	T30 AC
OPERATING SYSTEM	
	ft Linux
Red Hat	Red Hat® Enterprise Linux® AS 4
PROCESSORS	
Logical processors	2-way SMP
Processor	Intel® Xeon™ processor; 3.06 GHz
Cache per processor	512 KB iL2
Min/max memory	1GB/6 GB DDR
Front side bus	533 MHz
I/O SUBSYSTEM	
PCI slots total	6
PCI slots user configurable	4 x 64/33
STORAGE SUBSYSTEM	
SCSI drives supported	36 GB, 73 GB, 146 GB
Base system drive slots	6
Expansion drive slots	12
EMBEDDED I/O	
10/100 Ethernet	2
10/100/1000 Ethernet	2
Ultra160 SCSI	Internal and external port
CD-ROM	2
Serial port	2
USB port	2
PCI ADAPTERS	
VGA adapter	2 (required)
4-port T1 / E1	up to 4 optional
10/100/1000 2-port ENET	up to 4 optional
Fibre Channel (2Gb JBOD)	2 optional
DIMENSIONS	
System dimension (H x W x D)	7.0" (4U) x 17.75" x 29.23"
AC POWER	
Service requirements	100 - 240 VAC
Input voltage minimum	110 VAC
Normal	120 - 240 VAC
Maximum	264 VAC
AC input frequency	50Hz - 60Hz



www.StratusTelecom.com



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