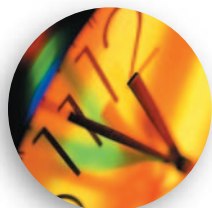


# Stratus® ftServer® T Series Systems

For more than twenty years, many of the world's largest telecom service providers have relied on Stratus® hardware and software for the delivery of continuously available telecommunications solutions. With the introduction of its ftServer® T Series systems, Stratus establishes a new standard for price/performance and open telecom 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 ftServer T Series family is designed with all the Continuous Processing® features and performance required to meet the demands of traditional and next-generation telecommunications solutions. Engineered to meet the requirements for installation in central offices and core networks worldwide, T Series systems are an ideal platform for a broad range of telecom applications in mobile, landline, circuit, packet, and converged networks.



## Continuous Availability



## Operational Simplicity



## Financial Advantage

NEBS™ Level 3-compliant T Series systems combine Intel® Xeon™ processors and a fault-tolerant 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 service providers. All T Series models are available with AC and DC power.

### Continuous Processing Technology

Every T Series 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 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 servers work seamlessly with the Stratus Intelligent Network Applications Platform (SINAP™) family, our widely deployed development and runtime software for applications in TDM, IP, and converged networks. Together, these carrier-grade platforms bring you proven, affordable reliability, rapid time to market for new voice and data services, and lower development and operational costs.

T Series systems are ideal for applications such as:

#### Next Generation Services

- Softswitch / media gateway controller (MGC)
- Signaling gateways (SG)
- Media gateway (MG)
- Application servers (AS) for 3G services
- SIP and VoIP servers

#### Mobile and Intelligent Network Applications

- Enhanced 800-number and other call routing services
- Virtual private network (VPN)
- Short message service (SMS)
- Mobile number portability (MNP)
- Home location register (HLR)
- Service data function (SDF)
- Prepaid calling

#### Voice Services

- Voice messaging
- Voice switching
- Voice-activated dialing

#### OSS / BSS

- Billing data collection
- Network performance monitoring
- Network management
- Managed Content Delivery & Hosting



## ftServer T Series system specifications

Many of the world's largest telcos use Stratus systems

***T Series servers:  
affordable fault tolerance for  
telecom central offices***

### Benefits and features

- 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 Linux operating system
- Complete network management through Stratus Active Service Architecture and SNMP
- Proven, industry-leading telecom applications
- Consistent APIs enable easy porting of any SINAP-based application

MODEL	T30
<b>OPERATING SYSTEM</b>	<b>FAULT TOLERANT LINUX OPERATING SYSTEM</b>
<b>PROCESSORS</b>	
Logical processors	2-way SMP
Processor	Intel® Xeon™ processor; 2.4 GHz
Cache per processor	512 KB iL2
Min/max memory	512 MB/6 GB DDR*
<b>I/O SUBSYSTEM</b>	
PCI slots total	6
PCI slots user configurable	4 x 64/33
<b>STORAGE SUBSYSTEM</b>	
SCSI drives supported	36 GB, 73 GB (10K RPM); 18 GB (15K RPM)
Base system drive slots**	6
<b>EMBEDDED I/O</b>	
10/100 Ethernet	2
10/100/1000 Ethernet	2
Ultra160 SCSI	Internal and external port
CD-ROM	2
Serial port	2
USB port	2
<b>PCI ADAPTERS</b>	
VGA adapter	2 (required)
4-port T1 / E1	up to 4 optional
10/100/1000 2-port ENET Fiber or copper	up to 4 optional
<b>DIMENSIONS</b>	
System dimension (H x W x D)	7.0" (4U) x 17.75" x 29.23" AC, 10.0" (6U) x 17.75" x 29.23" DC

All T Series models are available with AC and DC power

POWER OPTIONS: ALL MODELS	AC	DC
Service requirements	110 - 240 VAC	-48 VDC
Input voltage Minimum	110 VAC	-40 VDC
Normal	200 - 240 VAC	-48 VDC
Maximum	264 VAC	-60 VDC
AC input frequency	50Hz - 60Hz	N/A

\* support for 4 GB planned in first release

\*\* support for additional storage planned for future release



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

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