

Stratus® ftServer® T Series T40 CO System

The ftServer® T Series T40 CO system is Stratus' price/performance leader for network-based services delivery worldwide. Engineered to meet stringent NEBS™ Level 3-standards (certification pending) for network elements operating in central office environments, the fault-tolerant T40 CO system offers an unbeatable combination of processing power and availability in a cost-saving open architecture.

Delivering 99.999% and greater availability, Stratus T40 CO systems are routinely selected to support a broad range of telecom applications in mobile, landline, circuit, packet, and converged networks.

Powered by Intel® Xeon® processors and the Red Hat® Enterprise Linux® operating system Stratus' fault-tolerant CO architecture is designed to ensure trouble-free set up and operation.

Support for Intel's Extended Memory 64 Technology (EM64T), enables the T40 CO to run the 64-bit Red Hat Enterprise Linux OS, providing increased memory access and in-memory database capacity while retaining full backwards compatibility with existing 32-bit applications.

Continuous Processing® technology

Every T Series system comes complete with Stratus Continuous Processing features that are essential to platforms built expressly for telecommunications. 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.

Continuous Processing technology also eliminates the 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 operational simplicity of T Series servers are 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.



Telecom solutions expertise

Stratus' telecom-specific hardware, software, and support capabilities combine to speed your time to market with new voice and data services and lower your development and operational costs.

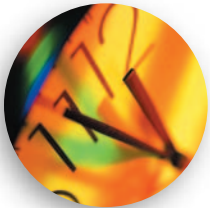
T Series servers work seamlessly with the Stratus Integrated Network Applications Platform (SINAP®) family, our widely-deployed development and runtime software for applications in TDM, IP, and converged networks. Our telecom solutions architects stand ready to assist you with in-depth experience and proficiency in designing new network elements and solutions. And, we offer a full range of support and managed services designed to safeguard uptime and simplify the ongoing management of installed services.

Next Generation Solutions

- Service mediation and brokerage
- Mobile Call Convergence (MCC)
- Softswitch / media gateway controller (MGC)
- Home subscriber server (HSS)
- Virtual local mobile service
- Custom caller response

Mobile Network Applications

- Enhanced 800-number and other call routing services
- Short message service (SMS)
- USSD gateway
- Prepaid calling



Continuous Availability



Operational Simplicity



Financial Advantage





ftServer T Series T40 CO 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 64-bit 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 available CO servers



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ftServer T40 CO system specifications

PROCESSORS	
Logical processors	2-way SMP
Processor	Intel® Xeon® processor 3.2 GHz
Cache	1 MB iL2
Front side bus	800 MHz
MEMORY	
Min/max memory	2 GB/16 GB DDR2
I/O SUBSYSTEM	
PCI-X slots	6 x 64/100
STORAGE SUBSYSTEM	
SATA drives supported	160 GB (7200 RPM); 74 GB (10K RPM)
Base system drive slots (SATA)	6
EMBEDDED I/O	
10/100/1000 Ethernet	2 (dual port)
SATA	3 internal channels
DVD-R/W	2
Serial port	2
USB port	3
MANAGEABILITY	
Baseboard Management Controller	standard
PCI ADAPTERS	
4-port T1/E1	up to 4 optional
1000 Base-T/SX dual port Ethernet	up to 6 optional
Ultra320 SCSI tape	up to 2 optional
SERVICEABILITY	
Hot-swappable components	CPU / I/O module, disks
OPERATING SYSTEMS	
Linux®	Red Hat Enterprise Linux 4 (64-bit)
DC POWER AND PACKAGING	
Service Requirements	-48 VDC
Input voltage	-40.5V DC minimum, -48V DC nominal, -56.0V DC maximum
System dimension (H x W x D)	7.0" (4U) x 17.5" x 30"
Mounting (including DC inverter)	Additional 3U rack height required
Weight (including rails)	56.16 kg (113.8 lbs.)
CO MODELS AVAILABLE WITH DC POWER ONLY	

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

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