

SIGNATE TELEPHONY SERVER 5000™

- Best-in-class VoIP telephony price and performance
- Flexible scalability with modular “expand-on-demand” architecture
- Open standards-based platform
- Single source service 24/7 in more than 30 countries around the world

Best-in-class price and performance

Signate Telephony Server 5000™ is a highly available standards-based VoIP telephony platform for service providers and enterprise customers. As a soft switch, gateway or PBX, its world class 51 Gigabits per second I/O capacity can sustain more than 5,000 Session Initiation Protocol (SIP) call streams per module.

Flexible growth path with modular “expand-on-demand” architecture

Signate Telephony Server 5000 is comprised of uniquely scalable modules with a 6.4GB/second interconnect that enables a single system image supporting more than 20,000 simultaneous calls. Telephony Server 5000's flexible “expand on demand” capability allows users to deploy optimal performance for their budgets and cost effectively adjust their configurations as requirements shift. Its high call density also means significantly lower complexity, infrastructure and administration costs.

Open standards-based telephony platform

With its high speed I/O system, standard Linux distribution, 64-bit version of Asterisk, the open source PBX, SigMON monitoring software, and SigMAN management software, Signate's Telephony Server is carefully tuned for superior call throughput, system administration, and resource management.

Support and Services

The Signate Telephony Server comes with a limited product warranty that includes:

Hardware Warranty Coverage

- Available Monday through Friday, normal business hours (nine hours per day, determined locally)
- Three months on-site hardware repair and parts replacement with next-business-day response time

Software Warranty Coverage

- Telephone technical assistance for 90 days
- Software updates require an annual maintenance agreement

SIGNATE TELEPHONY SERVER 5000 - Base System

Processors

Base Module and Expansion Modules

- 2 processors, 1.5 GHz clock rate with 4.0MB cache

Memory

Base Module and Expansion Modules:

- 2GB 4 x 512MB DIMM

Expandable to 384MB

PCI I/O

Base Module:

4 slots (3 available) for quad T1 or E1 interface cards on two PCI buses with full-size 64-bit/133 MHz 3.3V PCI/PCI-X slots

Expansion Module:

- 4 slots for quad T1 or E1 interface cards

Internal Storage

Base Module

- 2 x 160MB/sec Ultra160 SCSI channels (one internal, one external)
- 2 x 3.5" fixed media hot-pluggable drive bays
- 2 18GB (15K RPM) SCSI hard drives
- 1 DVD-ROM drive

Expandable to 4.7TB (SCSI) disk storage

Interconnects

- InfiniBand™
- Two one gigabit NICs

Expansion

The system can be expanded by adding additional Base or Expansion modules, up to a total of 8 including the initial Base Module.

Expansion Modules (each)

2U module with 2 processors, 2GB memory, dual gigabit NICs dual 18GB SCSI disks, and 4 PCI-X slots (useable for quad T1 or E1 interface cards)

Dimensions and Weights

2U (3.44"H x 17.06"W x 26"D) for 19-inch EIA standard rack

Environmental (Operating) Temperature

- +5C to +35C, altitude 5000 MSL
- +5C to +30C, altitude 10000 MSL

Environmental (Non-operating)

- Temperature -40C to +60C
- Humidity 10% to 95% non-condensing
- Altitude 40,000 MSL

Power supply

- Two redundant 500W power supplies per module.

Voltage

- 200-240 VAC (North America/Japan); 230 VAC (International)

Software

- CentOS Linux
- Asterisk open source PBX
- SigMON™ performance monitoring client
- SigMAN™ or SigMAN SP™ PBX management software

