

Sangoma Netborder SS7 VoIP Gateway Appliance



Product Name: Sangoma Netborder SS7 VoIP Gateway Appliance

Manufacturer: Sangoma

Model Number: SS7G-AP08

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The Sangoma NetBorder SS7 VoIP Gateway is a feature-rich, cost-effective solution that allows Telecom service providers to introduce VoIP in their networks with transcoding capabilities. The solution supports up to 64 E1/T1s per appliance. For installations up to 256 E1/T1s or for STM-1/OC-3, distribution across multiple servers using the signalling relay feature provide maximum flexibility to support growth.

Sangoma Netborder SS7 Key Features

- ½ All-in-one turnkey solution
- ½ SS7 ISUP (including several national variants)
- ½ Up to 16 SS7 Signalling links
- ½ SIP RFC3261
- ½ H.248 (Megaco)
- ½ SIGTRAN M2UA
- ½ H.323
- ½ Supports a wide range of VoIP and wireless codecs G.711, G.723.1, G.726, iLBC, G.729AB, GSM, G.722, AMR, G.722.1

Sangoma Netborder SS7 - Technical Specifications

PSTN Protocols

- ½ SS7-ISUP ITU, ANSI, Bellcore, UK, China, India, France, and Russian variants
- ½ Up to 16 A or F signalling links
- ½ Up to 16 Originating Point Codes
- ½ Up to 16 Destination Point Codes
- ½ Up to 16 Linksets
- ½ ISUP relay for larger configurations

PSTN Interfaces

- ½ Up to 64 E1/T1 (1820 ports) per server, available in these configurations: 4 E1/T1 in 1U appliance 8 E1/T1 in 1U appliance 16 E1/T1 in 2U appliance 32 E1/T1 in 2U appliance 64 E1/T1 in 2U appliance
- ½ Extend capacity over 1820 ports and single server via ISUP relay feature
- ½ STM-1/OC-3
- ½ RJ-48 Connectors

VoIP Protocols

- ½ SIP V2/RFC3261
- ½ SIGTRAN M2UA RFC 3331
- ½ SCTP RFC 2960
- ½ Megaco/H248
- ½ H.323

Network Interfaces

- ½ 1U/2U Appliances 2 RJ-45 Ethernet ports 4 USB ports

Video:

Sangoma Netborder SS7 VoIP Gateway Appliance

• 1 DVI output port

Call Routing

• Configurable and extendable XML-based dial plan and routing rules

AC Power

• 250W universal for 1U solution

• 350W universal for 2U solution

• DC 400W -48V for 2U (Special Order)

Dimensions

• 1U : 480.4(W) x 474(D) x 44(H) mm; 19" x 18.7" x 1.7"
• 2U: 482(W) x 441.6(D) x 88.4(H) mm; 19" x 17.4" x 3.5"

Media Processing

• Transcoding:

• Wide range of codecs support via Sangoma transcoding hardware (D100/D150/D500): G.711

 G.723.1 G.726 iLBC G.729AB GSM G.722 AMR G.722.1

• T.38 Fax Relay

Echo Cancellation

• G.168-2002 with 128ms tail

DTMF Detection and Generation

• RFC2833 Tone relay

• In-band

• DTMF detection and generation

Management and Configuration

• Web GUI

• Command line interface

• Call detail records in XML format

• Detailed logs with configurable file size & auto-rotation

• SNMP

• Radius

Warranty

• Standard 12-month warranty is included. Additional warranty services available, contact your Sales representative for more information.

Price: 9,177.54EUR

Sangoma Netborder SS7 VoIP Gateway Appliance

Options available for Sangoma Netborder SS7 VoIP Gateway Appliance :

Peace of Mind Packages

Gold (+145.99EUR), Platinum (+218.99EUR), Not Required.