

## Sangoma Netborder SS7 VoIP Gateway Appliance



Product Name: Sangoma Netborder SS7 VoIP Gateway Appliance

Manufacturer: Sangoma

Model Number: SS7G-AP08

### Sangoma Netborder SS7 VoIP Gateway Appliance

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

- All-in-one turnkey solution
- SS7 ISUP (including several national variants)
- Up to 16 SS7 Signalling links
- SIP RFC3261
- H.248 (Megaco)
- SIGTRAN M2UA
- H.323
- 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

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

#### PSTN Interfaces

- 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
- Extend capacity over 1820 ports and single server via ISUP relay feature
- STM-1/OC-3
- RJ-48 Connectors

#### VoIP Protocols

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

#### Network Interfaces

- 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(W) x 18.7(D) x 1.7(H)
- 2U: 482(W) x 441.6(D) x 88.4(H) mm; 19(W) x 17.4(D) x 3.5(H)

### 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: £8,000.80**

## Sangoma Netborder SS7 VoIP Gateway Appliance

Options available for Sangoma Netborder SS7 VoIP Gateway Appliance :

### **Peace of Mind Packages**

Platinum (+£190.91), Not Required, Gold (+£127.27).