

Sangoma SS7 Appliance Up to 8 E1/T1, ISUP to SIP, codec support, 8 signalling links, up to 12 point codes



Product Name: Sangoma SS7 Appliance Up to 8 E1/T1, ISUP to SIP, codec support, 8 signalling links, up to 12 point codes

Manufacturer: Sangoma

Model Number: SS7-NSG-AP08

Sangoma SS7-NSG-AP08 Appliance Up to 8 E1/T1, ISUP to SIP, codec support, 8 signalling links, up to 12 point codes

The NetBorder SS7-NSG-AP08 VoIP Gateway is now offered in an elegant, self-contained, and cost-effective appliance.

- All-in-one turnkey solution
- SS7 ISUP
- SIP RFC3261
- Support of wide range of VoIP and wireless codecs
- Sophisticated call routing via XML scripts
- Management (CLI, web GUI, statistics/logs)
- Distributed architecture and signalling relay

The NetBorder SS7 to VoIP Gateway allows telecom service providers to introduce VoIP in their networks with transcoding capabilities.

Benefits

- Wide range and support of SS7 PSTN protocols and variants
- Elegant and cost-effective all in one appliance
- Robust implementation with distribution, failover and redundancy

Applications

- Alternative carrier solutions • Least-cost routing • SIP–SS7 interworking
- ISUP-based caller ring back tone
- Pre-paid and overseas dialing

Sangoma SS7 Appliance Series Technical Specifications

PSTN Protocols:

- SS7-ISUP (ITU, ANSI, Bellcore, UK, China, India, France, and Russian variants)
- Up to 32 signalling links
- Up to 12 point codes and 16 link sets
- ISUP relay for larger configurations

PSTN Interfaces:

- Up to 32 E1/T1 (960 ports) per server, available in these configurations: • Up to 4 E1/T1 in 1U appliance• Up to 8 E1/T1 in 1U appliance• Up to 16 E1/T1 in 2U appliance• Up to 32 E1/T1 in 2U appliance
- Extend capacity over 960 ports and single server via ISUP relay feature
- RJ-48 Connectors

Network Interfaces:

- 1U Appliance• 2 RJ-45 Ethernet ports• 4 USB ports in the back

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- 2U Appliance&quo; 2 RJ-45 Ethernet ports&quo; 4 USB ports - 2 in the front - 2 in the back

Video:

- 1 DVI output port

VoIP Protocols:

- SIP V2/RFC3261

Call Routing:

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

AC Power:

- 250W universal for 1U solution
- 350W universal for 2U solution

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)

Transcoding:

- Wide range of codecs support via Sangoma transcoding hardware (D100/D150/D500):• G.711• G.722• G.722.1• G.723.1• G.726 • G.729AB • GSM• AMR• iLBC

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 user configurable file size and auto-rotation

Price: £10,532.80