

Sangoma SS7 Appliance Up to 32 E1/T1, ISUP to SIP, codec support, 32 signalling links, up to 12 point codes



Product Name: Sangoma SS7 Appliance Up to 32 E1/T1, ISUP to SIP, codec support, 32 signalling links, up to 12 point codes

Manufacturer: -

Model Number: SS7-NSG-AP32

Please Note: This product is no longer available. We recommend the Sangoma SS7G-AP32 as an alternative.

Sangoma SS7-NSG-AP32 Appliance Up to 32 E1/T1, ISUP to SIP, codec support, 32 signalling links, up to 12 point codes

The NetBorder SS7-NSG-AP32 VoIP Gateway is now offered in an elegant, self-contained, and cost-effective appliance.

- ½ All-in-one turnkey solution
- ½ SS7 ISUP
- ½ SIP RFC3261
- ½ Support of wide range of VoIP and wireless codecs
- ½ Sophisticated call routing via XML scripts
- ½ Management (CLI, web GUI, statistics/logs)
- ½ 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

- ½ Wide range and support of SS7 PSTN protocols and variants
- ½ Elegant and cost-effective all in one appliance
- ½ Robust implementation with distribution, failover and redundancy

Applications

- ½ Alternative carrier solutions> Least-cost routing> SIP–SS7 interworking
- ½ ISUP-based caller ring back tone
- ½ Pre-paid and overseas dialing

Sangoma SS7 Appliance Series Technical Specifications

PSTN Protocols:

- ½ SS7-ISUP (ITU, ANSI, Bellcore, UK, China, India, France, and Russian variants)
- ½ Up to 32 signalling links
- ½ Up to 12 point codes and 16 link sets
- ½ ISUP relay for larger configurations

PSTN Interfaces:

- ½ 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
- ½ Extend capacity over 960 ports and single server via ISUP relay feature

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½ RJ-48 Connectors

Network Interfaces:

½ 1U Appliance» 2 RJ-45 Ethernet ports» 4 USB ports in the back
½ 2U Appliance» 2 RJ-45 Ethernet ports» 4 USB ports - 2 in the front - 2 in the back

Video:

½ 1 DVI output port

VoIP Protocols:

½ SIP V2/RFC3261

Call Routing:

½ Configurable and extendable XML-based dial plan and routing rules

AC Power:

½ 250W universal for 1U solution
½ 350W universal for 2U solution

Dimensions:

½ 1U : 480.4(W) x 474(D) x 44(H) mm; 19”(W) x 18.7”(D) x 1.7”(H)
½ 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:

½ 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:

½ RFC2833 Tone relay

½ In-band

½ DTMF detection and generation

Management and Configuration:

½ Web GUI

½ Command line interface

½ Call detail records in XML format

½ Detailed logs with user configurable file size and auto-rotation

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Please Enquire

Options available for Sangoma SS7 Appliance Up to 32 E1/T1, ISUP to SIP, codec support, 32 signalling links, up to 12 point codes :

Peace of Mind Packages

[Silver](#), [Advanced Hardware Replacement](#), [Gold](#), [Not Required](#), [Platinum](#).