

## 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.

• 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&ndash;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

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• 1/2 RJ-48 Connectors

Network Interfaces:

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

• 1/2 2U Appliance: 2 RJ-45 Ethernet ports; 4 USB ports - 2 in the front - 2 in the back

Video:

• 1/2 1 DVI output port

VoIP Protocols:

• 1/2 SIP V2/RFC3261

Call Routing:

• 1/2 Configurable and extendable XML-based dial plan and routing rules

AC Power:

• 1/2 250W universal for 1U solution

• 1/2 350W universal for 2U solution

Dimensions:

• 1/2 1U : 480.4(W) x 474(D) x 44(H) mm; 19(W) x 18.7(D) x 1.7(H)

• 1/2 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:

• 1/2 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:

• 1/2 RFC2833 Tone relay

• 1/2 In-band

• 1/2 DTMF detection and generation

Management and Configuration:

• 1/2 Web GUI

• 1/2 Command line interface

• 1/2 Call detail records in XML format

• 1/2 Detailed logs with user configurable file size and auto-rotation

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**Please Enquire**

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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, Not Required, Gold, Advanced Hardware Replacement, Platinum.