

## Sangoma SS7 Appliance Up to 4 E1/T1, ISUP to SIP, codec support, 4 signalling links, up to 12 point codes



Product Name: Sangoma SS7 Appliance Up to 4 E1/T1, ISUP to SIP, codec support, 4 signalling links, up to 12 point codes  
Manufacturer: -  
Model Number: SS7-NSG-AP04

Please Note: This product is no longer available. We recommend the Sangoma SS7G-AP04 as an alternative.

Sangoma SS7-NSG-AP04 Up to 4 E1/T1, ISUP to SIP, codec support, 4 signalling links, up to 12 point codes

The NetBorder SS7-NSG-AP04 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&dash;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: &#x2022; Up to 4 E1/T1 in 1U appliance&#x2022; Up to 8 E1/T1 in 1U appliance&#x2022; Up to 16 E1/T1 in 2U appliance&#x2022; 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)

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 4 E1/T1, ISUP to SIP, codec support, 4 signalling links, up to 12 point codes :

**Peace of Mind Packages**

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