

## Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC



Product Name: Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC

Manufacturer: Sangoma

Model Number: SBCT-CAR-1000-DD1

### Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC

The Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC provides full-featured, carrier-class security and interconnection at the edge of carrier networks. What is Session Border Control IP communications across multiple, sometimes untrusted, networks needs to be normalized, managed and secured. There is a need to guarantee interoperability of multiple devices, carriers and protocols in a transparent way to the user of the network.

#### Sangoma SBCT-CAR-1000-DD1 Key Features

- 1000 Calls
- Browser-based GUI for Easy Configuration
- Traffic Visualization Tools
- Session-based Licensing
- PSTN Equivalency for SIP Trunking Deployments
- Protect VoIP Assets from Security Threats Posed by Migration to SIP Trunking
- Available AC or DC Redundant Power Supply
- Raid One Solid State Drive
- Hardware-based Transcoding and Media Handling

What is a Session Border Control IP communications across multiple, sometimes untrusted, networks needs to be normalized, managed and secured. There is a need to guarantee interoperability of multiple devices, carriers and protocols in a transparent way to the user of the network. Session border controllers take care of the conversion between protocols, transcoding, threat prevention, resource limiting, and accounting at the edge of VoIP networks of enterprises and carriers alike.

#### Applications

- SIP Trunking
- Carrier Interconnect
- SIP Network Peering
- Core Session Router and Load Balancer

#### Benefits

- Network Security
- Quality of Service/Quality of Experience
- Connectivity
- Protocol Normalization
- Media Services
- Statistics and Billing
- Regulatory Compliance

#### Sangoma SBCT-CAR-1000-DD1 - Technical Specification Feature/Function

- HDD 2x 32GB SSD RAID
- Power 250W
- Rack Mount Yes
- Ethernet 4x GigE

## Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC

- ✓ Hardware-assisted RTP Yes
- ✓ Session Capacity 4,000
- ✓ Field Upgradeable (At No Penalty) Yes
- ✓ Hardware-ready for Upgrade to Capacity Yes

### VoIP

- ✓ SIP Trunking and Remote Working
- ✓ SIP Intrusion Prevention
- ✓ SIP Registration Scan Attack Detection
- ✓ SIP Request Rate Limiting
- ✓ SIP Friendly Load Limitation
- ✓ SIP Registration Pass-thru
- ✓ SIP Header Normalization
- ✓ SIP Malformed Packet Protection
- ✓ Advanced NAT Traversal Capabilities
- ✓ Topology Hiding
- ✓ ENUM Routing

### Media Capabilities

- ✓ Voice, Video, FAX, IM and Presence Support
- ✓ Full RTP Transcoding (G.711, G.722, G.729, G.726, G.723.1, iLBC, AMR, G.722.1)
- ✓ T.38 Fax Relay

### Session and Monitoring

- ✓ Multiple Session Routing Options
- ✓ RTCP Statistics Reports
- ✓ QoS (ToS or DSCP)
- ✓ RADIUS CDR and Authentication
- ✓ QoS Monitoring and Reporting

### Security

- ✓ DDoS / DoS Attack Protection
- ✓ Call Security with TLS/SRTP
- ✓ Media Security with SRTP
- ✓ IPSec Encryption
- ✓ IP Firewall

### Call Control

- ✓ Advanced XML Routing Engine
- ✓ Dynamic Load Balancing and Call Routing
- ✓ Multiple Call Access Control Options
- ✓ Least Cost Routing
- ✓ Rate Limiting: Call and Registration
- ✓ Endpoint Authentication
- ✓ Media Bandwidth Policy
- ✓ Intelligent Media Anchoring/Release

### Management

## Sangoma NetBorder Carrier SBC 1000 Calls 1U Dual Redundant DC

- Easy to Use Web Interface
- HTTP XML-based CDR
- Real-time Monitoring and Debugging

**Price: £22,275.10**

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