

## Sangoma NetBorder 1 T1/E1 + 4 FXS Lync Express LYNC-NBE-AP100



Product Name: Sangoma NetBorder 1 T1/E1 + 4 FXS Lync Express LYNC-NBE-AP100

Manufacturer: -

Model Number: LYNC-NBE-AP01

Please Note: The Sangoma NBE-AP100 has been discontinued. For an alternative, we highly recommend the Sangoma NetBorder Lync Express Appliance.

Sangoma NetBorder 1 T1/E1 + 4 FXS Lync Express LYNC-NBE-AP100

The ONLY all-in-one Lync server appliance with a built-in VoIP gateway.

The Sangoma NetBorder 1 T1/E1 + 4 FXS Lync Express LYNC-NBE-AP100 is a Lync Certified VoIP Gateway in a simple and elegant appliance. Sangoma Lync Express is the all-in-one quick and easy solution to get you up and running in the post PBX era that is Unified Communications.

The Sangoma NetBorder Lync is Microsoft Lync compatible..

### Sangoma NetBorder Lync Express Features

- Enable Microsoft Lync for an SME of up to 100 employees

- All in one turnkey solution in a simple and elegant appliance

- PSTN connectivity assured by Lync Certified NetBorder Express VoIP Gateway

- Connect Legacy Telephony Devices to your Lync Unified Communications services.

- Integrate Office 365 (Exchange and Sharepoint Online) with Lync on-premise services.

Microsoft Lync 2010 is a Unified Communications platform that enables:

- Presence and Instant Messaging

- Audio, Video Conferencing and Collaboration

- Telephony

- Deep Integration with other Microsoft products such as:

- Exchange

- Sharepoint

- Office

Lync is specifically designed by Microsoft to be easily integrated with an existing Microsoft environment. Until now, connecting Lync to an existing TMD infrastructure has not been given that same design consideration. A Microsoft engineer would need to integrate Lync with a third party media gateway to connect Lync to the outside world, UNTIL NOW.

The Sangoma Lync Express Appliance offers a full Microsoft Lync solution with PSTN connectivity built-in. All the software is pre-installed; all that is needed to do is configure Microsoft Lync. For deployments where there is no domain controller in the PSTN connectivity is assured by Sangoma's NetBorder Express Lync certified VoIP gateway:

- 1 T1/E1 span to assure ISDN PRI connectivity to the PSTN

- 4 FXS lines for Legacy Telephony Devices (Faxes and Phones)

Sangoma brings its considerable knowledge of VoIP Gateway and Telecom expertise to the

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Microsoft Lync channel. The tight integration of NetBorder Express and Lync greatly facilitates the installation of an Enterprise Voice deployment. The cost-effectiveness of our single box solution makes this product stand out in a category of its own in the current Lync market.

### Sangoma NetBorder Lync Express Technical Specification PSTN protocol termination:

• 4 Analog FXS lines  
• 1 or 2 ISDN PRI span

• North American variants  
• EuroISDN  
• Japan variant (INS1500)  
• MFC/R2

• Capacity for:

• 1 ISDN PRI option: from 2 to 30 channels of simultaneous calls per system over PSTN  
• 2 ISDN PRI option: from 2 to 60 channels of simultaneous calls per system over PSTN

### VoIP protocol termination:

• TCP or UDP  
• SIP Control Protocol per RFC 3261  
• RTP/RTCP per RFC 3550/3551

### Security

• TLS per RFC 5246  
• SRTP per RFC 3711

### Media Processing

• G.168-2002 Echo Cancellation with hardware option  
• DTMF over RTP per RFC 2833. International and custom tone detection and generation  
• Voice Activity Detection and Comfort Noise Generation (VAD/CNG)  
• T.38 Fax relay

### Management and Configuration

• Web Server  
• Web Services API  
• Configuration files for easy integration into OEM applications  
• SNMP DS0, DS1 and Call Stats MIBS  
• Contextual Help Menus  
• Extensive Logging

## Sangoma NetBorder 1 T1/E1 + 4 FXS Lync Express LYNC-NBE-AP100

• Automatic Board Discovery  
• Open Protocol Translation and XML based routing rules  
• Configurable ISDN PRI to SIP Mapping per RFC 3398

### Network Interfaces:

• 1U Appliance 3 RJ-45 Ethernet ports  
• 4 USB ports in the back

### Video:

• 1 DVI output port

### AC Power:

• 250W universal

### Dimensions:

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

**Please Enquire**

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