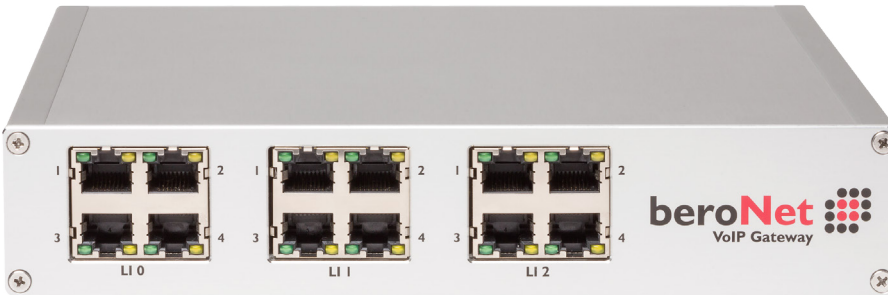
 Made in Germany



Overview

beroNet Modular Gateways combine reliable VoIP hardware with modern flexibility and management. With models capable of holding up to three beroNet Modules, these gateways can be configured with any combination of BRI, PRI, FXS, and FXO. Take advantage of expanded SBC functionality with two network interface cards in the L and XL models.

Powered by beroNet OS

beroNet OS allows you to manage your VoIP Gateway using your Web Browser, register to manage and monitor the device in the beroNet Cloud, and take advantage of SBC functionality by adding a SIP-to-SIP license. Using the beroNet App Market you can expand the functionality of your VoIP Gateway with apps like the beroNet Survival Branch Appliance (SBA) App, OpenVPN, and OpenPBX.

Available Models

| Base models | |
|-------------------|---|
| Type | HW-Features |
| BNGW-M | 2 module slots, up to 16 channels, microSD slot |
| BNGW-L | 3 module slots, up to 64 channels, 2 NIC, microSD slot |
| BNGW-XL | 3 module slots, up to 128 channels, 2 NIC, microSD slot |
| Available modules | |
| Type | HW-Features |
| BNMO-4BRI | 4 BRI/S0 ports |
| BNMO-2HYB | 2 BRI/S0 ports and 2 FXS ports |
| BNMO-1E1 | 1 PRI (E1) port |
| BNMO-2E1 | 2 PRI (E1) ports |
| BNMO-1T1E1 | 1 PRI (E1/T1) port |
| BNMO-2T1E1 | 2 PRI (E1/T1) ports |
| BNMO-4FXO | 4 FXO ports |
| BNMO-4FXS | 4 FXS ports |

5 Good Reasons for beroNet Gateways

- 1 Less time training and more time with your customers
- 2 Cloud integration simplifies remote updates and backups
- 3 Enhanced with Apps for additional functionality
- 4 Flexibility and adaptability for long-term use
- 5 Free and premium support for when crazy things happen

” No other Gateway is integrated faster and easier. Even the fax device worked without problems despite the interposition of a VPN.

✓ Niels Hansen, Systems Integrator
 Dierck Kommunikationstechnik
 Handels GmbH

Sample Module Configurations

beroNet Modular Gateways

| Type | Gateway Technology |
|----------------------|---------------------------------|
| BNGW-M-4BRI + 4FXS | 4 BRI/S0 ports with 4 FXS ports |
| BNGW-M-2HYB + 4FXS | 2 BRI/S0 ports and 6 FXS ports |
| BNGW-M-4FXO + 4FXS | 4 FXO ports and 4 FXS ports |
| BNGW-L-8BRI + 4FXS | 8 BRI and 4 FXS ports |
| BNGW-XL-1EI + 2x4FXS | 1 PRI port and 8 FXS ports |
| BNGW-XL-2EI + 2x4FXS | 2 PRI ports with 8 FXS ports |

» EI/TI modules are available only for customers in North and South America

General Specifications

- » Two or three module slots depending on the specific model
- » microSD card slot
- » G.711 including echo cancellation (G.168/G.165, 128ms)
- » Voice activity detection / comfort noise generation
- » DTMF digit detection and generation
- » T.38 Fax Relay (V.27, V.29 and V.17)
- » SIP user agent IETF RFC3261 compatible
- » SIP via UDP/TCP with optional TLS support, SRTP
- » "TDM Bridging" of two beroNet devices via PCM Bus
- » Power supply: 110-230V, operating 12V DC at 2A
- » Average power consumption: 6 Watts (24 Watt maximum)
- » CE, FCC and ACMA compliant

Dimensions and Weight

- » Dimensions: L & XL - 340 x 255 x 46 mm; M - 168 x 168 x 46 mm
- » Weight: 500 g
- » Mounting: 1 U; optionally available 19" rack brackets; wall-mountable

Environment

- » Storage temperature: -20° to 70°C / Operating temperature: 0° to 40°C
- » Humidity: up to 90%, non-condensing



Cloud Managed



Compatible with any IPBX



Fast installation



beroNet Market



Energy efficient



Modular & Flexible



100% silent



Easily expandable

Compatible with



Do you have questions about the product? We are glad to help!

Phone: +49 30 259389-0

Email: sales@beronet.com

Friedrichstr. 231 | 10969 Berlin | sales@beronet.com | www.beronet.com

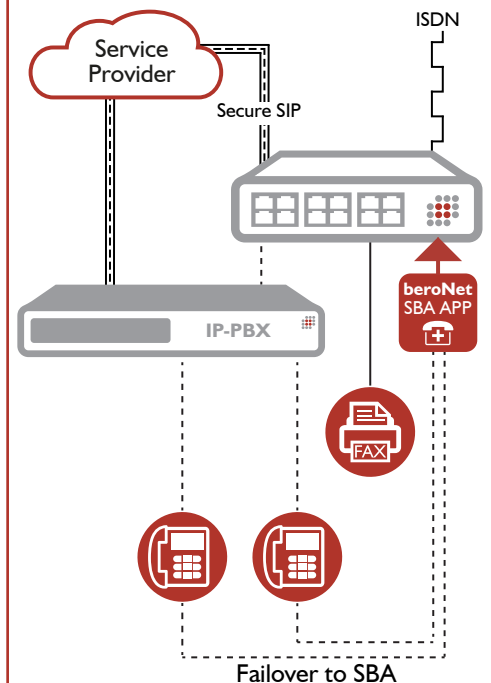
beroNet Modular Gateway - BNGW

The actual product may vary from figure. The information contained herein is subject to change without notice. Subject to technical changes and misprints. Copyright © beroNet GmbH, All rights reserved.



With the beroNet Cloud you can quickly install, monitor and manage beroNet VoIP products.

Analog devices & SIP Failover



- » Connect analog devices to IP-PBX
- » IP-PBX failover to ISDN
- » SIP phone failover to SBA App