

 Made in Germany



## Overview

The beroNet Telephony Appliance 4 BRI is a complete hybrid IPBX solution with integrated beroNet Gateway. It connects SIP with ISDN. ISDN ports can be switched separately in TE or NT mode. With optional 2nd Network Interface for the easy and safe separation of the VoIP & Data Network. The Appliance has a low power consumption and is therefore very energy efficient.

## Advantages

- » The complete solution for hybrid IPBX
- » No moving parts for a long-lasting and silent operation
- » Boot Stick for easy installation of current PBX Systems
- » Optional: 2nd Network interface for the separation of VoIP Network & Data Network
- » 19" rack or wall mountable
- » High quality Aluminium Housing
- » Connects SIP with ISDN
- » ISDN ports can be switched separately in TE or NT mode
- » For multiple devices as well as system connections
- » Expandable with a supplementary module (PRI, BRI, FXO, FXS, GSM)
- » Via Cloud administrable
- » Virtual CAPI available
- » Cascadable using PCM
- » High energy efficiency

## Boot Stick for the easy installation of the following IPBX Systems



The beroNet Telephony Appliance is directly visible in the respective network and can be easily configured via the beroNet Web GUI.



” The consequent energy saving design of the Appliance as well as the fanless operation opens up a wide range of possible applications, from the data center to the office environment.

Karsten Wemheuer,  
CEO of IPTAM

## 5 Good Reasons for beroNet Appliances

- 1 Cloud Management
- 2 5 Minute Installation
- 3 Flexible & Modular
- 4 ISDN / Analog / GSM
- 5 Tough & Expandable

## OPTIONAL

Telephony Appliance	Telephony Appliance
	
Version	Version
✓ 30 GB SSD	✓ 120 GB SSD
✓ 2 GB RAM	✓ 4 GB RAM
✓ 1 Network-Card	✓ 2nd Network-Card

## Specifications

- » Intel Atom N2800 2x 1,86GHz
- » 2 GB RAM (optional 4 GB) / 30 GB SSD (optional 120 GB)
- » 4 x USB 2.0 extern, Gigabit Network
- » Delivered with Bootstick incl. many different IPBX examples
- » Support of keyboard and Monitor / fanless, silent and tough
- » 4 BRI (S0) ISDN Ports
- » Every port is Port configurable in NT or TE Mode with PIN interchanging
- » Termination resistors (100 Ohm) per line configurable
- » TE/NT and Termination per Port convertible in Software (Jumperfree)
- » Layer 2 is Q.921 and Layer 3 is Q.931 (EuroISDN DSS1) compatible
- » DSS1 Feature Set: CLIP/No-Screening, CLIR, COLP, UUS, MCID, CD, CNIP, AOC-D
- » Q.SIG Feature Set: CNIP / Optional CAPI 2.0 available (Fax, voice)
- » Codecs: G.723.1 and Annex A, G.729 a/b, G.726, (up to 64 channels) G.711 u/a
- » G.168/G.165 echo cancellation with echo path change detection, up to 128ms
- » Voice activity detection / comfort noise generation
- » DTMF digit detection and generation
- » T.38 Fax Relay (V.27, V.29 und V.17) (up to 16 channels)
- » SIP user agent IETF RFC3261 compatible
- » SIP via UDP/TCP with optional TLS support, SRTP
- » Power supply: 110-230V, operating 12V DC at 2A
- » "TDM Bridging" of two beroNet devices via PCM Bus
- » Compliance: CE (EN55022, EN55024, EN60950)
- » Optional: 4GB RAM, 120 SSD, 2nd Network Interface

## Dimensions and Weight

- » Dimensions: 340 x 255 x 46 mm / Weight: 2 kg
- » Mounting: 1 HE, optional 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

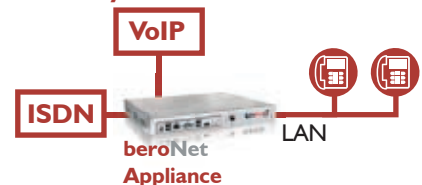


Fast installation and administration with the easy to use Web interface of the beroNet Boot Stick.

“The beroNet products inspire particularly by their numerous fields of possible applications. We can use the same products in our appliances and servers but also for our virtualized solutions.

Mathias Pasquay, CEO pascom Netzwerktechnik GmbH & Co. KG

## ISDN Hybrid PBX



- » Connection of VoIP with ISDN
- » Advantages of both worlds
- » Fallback on ISDN



Cloud  
Managed



Compatible with  
any IPBX



Fast  
installation



Tough, no  
moving parts



Energy  
efficient



Modular &  
Flexible



100%  
silent



Easy  
expandable

## Compatible with



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

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beroNet Appliance 4 BRI Version - BNTA\_4S0\_M

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