

 Made in Germany



**Overview**

The beroNet Telephony Appliance 2 BRI / 2 FXS is a complete hybrid IPBX solution with integrated beroNet Gateway. It connects SIP with ISDN as well as SIP with analog FXS in order to connect analog devices like telephones, Fax, alarm systems, ec terminals and modems. 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 and SIP with
- » Analog (FXS), for connection of analog devices (Telephones, Fax, alarm system, EC Cash, Modems)
- » 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

**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
 <b>M</b> Version	 <b>L</b> 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 external,
- » Gigabit Network, Optional with 2nd Network interface
- » Support of keyboard and Monitor / fanless, silent and tough
- » Delivered with Bootstick incl. many different IPBX examples
- » 2 BRI (S0) / 2 FXS Ports
- » Each Port is 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 / CLIP / Hold, Retrieve, Transfer / MWI (Stutter, FSK)
- » 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 and V.17) (up to 16 channels)
- » SIP user agent IETF RFC3261 compatible
- » SIP via UDP/TCP with optional TSL support, SRTP
- » "TDM Bridging" of two beroNet devices via PCM Bus
- » Power supply: 110-230V, operating 12V DC at 2A
- » Compliance: CE (EN55022, EN55024, EN60950)
- » Optional: 4GB RAM, 120 GB 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



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!**

FON: 030 259389-0

Mail: sales@beronet.com

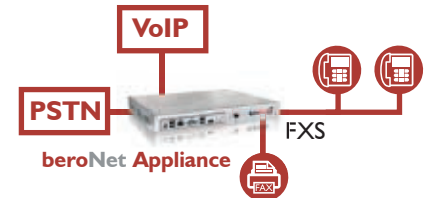


Fast installation and administration with the easy to use Web interface of the beroNet Boot Stick.

” 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 Analog with ISDN
- » Advantages of both worlds
- » Further Use of Fax devices