Made in Germany

3CX — Windows VM
Asterisk — Linux VM
Fax server — Linux VM
beroNet **Hypervisor**

Overview

beroNet's Telephony Appliance 2.1 is a milestone in beroNet VoIP hardware development. This appliance comes with the beroNet Hypervisor, allowing multiple operating systems to run on the device at the same time. This creates the opportunity for the beroNet Telephony Appliance to function as the communications hub of an organization, with the ability to run a VoIP PBX and a router/firewall integrated in a single device.
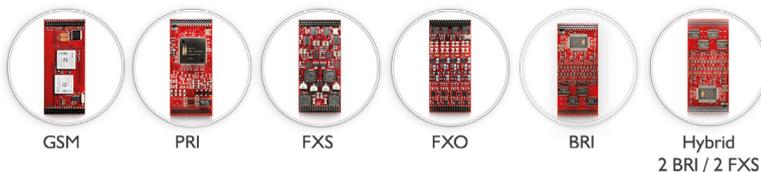
Functionality of the beroNet Hypervisor

The beroNet Hypervisor is a beroNet operating system that allows for the installation and management of virtual machines using a web browser:

» Installation and configuration of OS-Images via the beroNet Market
» Run multiple virtual machines at the same time (e.g. PBX, Firewall & Fax server)
» Central management via the beroNet Cloud
» Backup and restore images

Available Models

VoIP Only

Type	HW-Features
BNTA21-VO-M	4GB, 60GB SSD
BNTA21-VO-L	8GB, 120 GB SSD
BNTA20-VO-XL	16GB, 240 GB SSD

Integrated Gateway

Type	HW-Features
BNTA21-M	4GB, 60GB SSD, BF400e
BNTA21-L	8GB, 120GB SSD, BF1600e
BNTA21-XL	16GB, 240GB SSD, BF1600e

GSM   PRI   FXS   FXO   BRI   Hybrid 2 BRI / 2 FXS

5 Good Reasons for beroNet Appliances

1 The world's first fanless VoIP Appliance with a hypervisor.

2 More power for the VoIP systems of tomorrow.

3 Easily install virtual machines using the beroNet Market.

4 Central administration via the beroNet Cloud.

5 Modular with Telephony cards for PRI, BRI, FXS, FXO, GSM

"   Since its launch, our customers have come to rely on the beroNet Appliance's reliability and the flexibility provided by its unique modular design when implementing our mobydick software based IP phone system. With it's increased performance and the clever integration of the beroNet Hypervisor, the beroNet Appliance 2.0 has set a course for success.

Mathias Pasquay, CEO
pascom Netzwerktechnik GmbH

Sample Module Configurations

Integrated Gateway

Type	Gateway Technology
BNTA21-2S02FXS-L	BF1600e with one 2BRI/S0 / 2FXS module
BNTA21-4S0-L	BF1600e with one 4BRI/S0 module
BNTA21-1T1E1-L	BF1600e with one T1/E1 module
BNTA21-4FXO-L	BF1600e with one 4FXO module
BNTA21-4FXS-L	BF1600e with one 4FXS module
BNTA21-2GSM-L	BF1600e with one 2 GSM module

» Each configuration can be augmented with one additional module.

With the beroNet Cloud you can quickly install and manage the optional integrated gateway.

Specifications

» Intel Celeron - Quadcore (N3160) with 1.6 GHz, 2.24 GHz Burst Frequency

» 4GB, 8GB or 16GB RAM

» 60GB, 120GB or 240 GB SSD

» VT-x and VT-x EPT for virtualization

» Four USB 3.0 Ports

» mSATA

» VGA, HDMI

» 2 network interfaces (1 GbE)

» 12V power, less than 20W power consumption

» Fanless cooling

ISDN Hybrid PBX

» Connection of VoIP with ISDN

» Advantages of both worlds

» Fallback on ISDN

» Run a PBX, faxserver and firewall in one device

Dimensions and Weight

» Dimensions: 340 x 255 x 46 mm / Weight: 500 g (dependent on config.)

» Mounting: 1 U, 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	beroNet Market	Energy efficient	Modular & Flexible	100% silent	Easy expandable

Compatible with

3CX · Asterisk · Microsoft Lync · Askozia Intuitive Telephony · snom · elastix · IPTAM · opensips · FreeSWITCH · phonausa · m2m soft · mobydick

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