

**Good Reasons for** 

beroNet Appliances

The world's first fanless VoIP

Appliance with a hypervisor.

Easily install virtual machines

Central administration via the

Modular with Telephony cards

for PRI, BRI, FXS, FXO, GSM

The beroNet Appliance helps the end customer save space and money by virtualizing multiple systems on a single fanless device. Using beroNet VoIP Cards allows you to connect the VoIP software on the Appliance with classic technologies such as ISDN, analog

using the beroNet Market.

More power for the VoIP

systems of tomorrow.

beroNet Cloud.

and GSM.

Christian Richter, CEO beroNet GmbH

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Made in Germany



#### **Overview**

beroNet's Telephony Appliance 2.0 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		
Туре	HW-Features	
BNTA20-VO-M	4GB, 60GB SSD	
BNTA20-VO-L	8GB, 120 GB SSD	
BNTA20-VO-XL	I6GB, 240 GB SSD	
Integrated Gateway		
Туре	HW-Features	
BNTA20-M	4GB, 60GB SSD, BF400e	
BNTA20-L	8GB, 160GB SSD, BF1600e	

BNTA20-XL 16GB, 240GB SSD, BF1600e





beroNet Appliance 2.0 - BNTA20

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.



# **Sample Module Configurations**

Integrated Gateway		
Туре	Gateway Technology	
BNTA20-2S02FXS-L	BF1600e with one 2BRI/S0 / 2FXS module	
BNTA20-4S0-L	BFI 600e with one 4BRI/S0 module	
BNTA20-ITIEI-L	BF1600e with one TI/E1 module	
BNTA20-4FXO-L	BF1600e with one 4FXO module	
BNTA20-4FXS-L	BF1600e with one 4FXS module	
BNTA20-2GSM-L	BF1600e with one 2 GSM module	

» Each configuration can be augmented with one additional module.

## **Specifications**

- » Intel Celeron Quadcore (1900) with 2 Ghz
- » 4GB, 8GB or 16GB RAM
- » 60GB, 120GB or 240 GB SSD
- » VT-x for virtualization
- » One USB 3.0 port and one USB 2.0 port
- » mSATA
- » VGA, HDMI
- » 2 network interfaces
- » I2V power, less than 20W power consumption
- » Fanless cooling

# **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

Compatible





















expandable





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





- » Connection of VoIP with ISDN
- » Advantages of both worlds
- » Fallback on ISDN
- » Run a PBX. faxserver and firewall in one device