

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

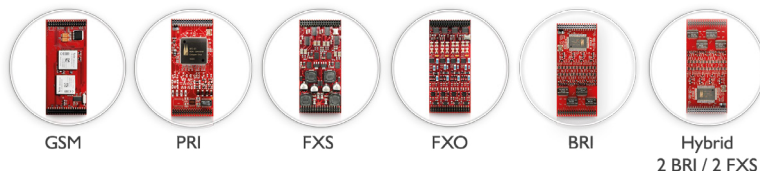
### Available Models

#### VoIP Only

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

#### Integrated Gateway

Type	HW-Features
BNTA20-M	4GB, 60GB SSD, BF400e
BNTA20-L	8GB, 160GB SSD, BF1600e
BNTA20-XL	16GB, 240GB SSD, BF1600e



## 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

” 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 and GSM.

Christian Richter, CEO  
beronet GmbH

**Sample Module Configurations**

**Integrated Gateway**

Type	Gateway Technology
BNTA20-2S02FXS-L	BF1600e with one 2BRI/S0 / 2FXS module
BNTA20-4S0-L	BF1600e with one 4BRI/S0 module
BNTA20-1T1E1-L	BF1600e with one T1/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 (J1900) 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
- » 12V 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

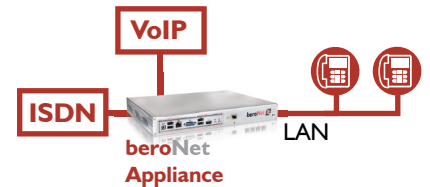
**Environment**

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



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

**ISDN Hybrid PBX**



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



Cloud Managed



Compatible with any IPBX



Fast installation



beronet Market



Energy efficient



Modular & Flexible



100% silent



Easy expandable

**Compatible with**



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

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