

# beroNet 400 BF4001E1 1 PRI Box (BF4001E1BOX)



Product Name: beroNet 400 BF4001E1 1 PRI Box (BF4001E1BOX)

Manufacturer: beroNet

Model Number: BF4001E1BOX

Please Note: This beroNet unit is expandable with one additional module, which can be selected from the above drop down, additional costs apply.

beroNet BF4001E1 400 Baseboard and 1xBF1E1 1 PRI Box (BF4001E1BOX)

The beroNet 400 BF4001E1 1 PRI Box (BF4001E1BOX) is a powerful and flexible hardware solution to connect ISDN (BRI,PRI) and GSM lines to any SIP based VoIP system. This is not a Gateway and it is not a standard PCI / PCI express card where you have to install any drivers, therefore we call it a &Idquo;Gateway card". Due to the special design of the hardware will be detected as a standard Realtek-Network card by the operating system. Usualy the driver for this network card will be loaded automatically by the OS. The only thing you have to do is to set up the IP-address before you can access the web interface which is very easy to use. The card series has a modular concept and supports the following hardware DSP based Voice-Processing features:

Title G.168/G.165 Echo cancellation with echo path change detection, up to 128ms

Ti. 1/2 Codec translation: G.723.1 and Annex A, G.729a, G.726, G.711u/a

� DTMF detection and generation

� T.38 fax relay (V.27, V.29 and V.17)

� SIP over TCP with SRTP and TLS (available Q4 2009)

آزٰ Hardware Conferencing (available Q3 2009)

Ti, 1/2 DSS1, EuroISDN conform (features set: COLP, CFU/CFB, CFNRY ...)

าั¿1/2 Q.SIG Basic-Features set: CNIP, CNIR, CONP

Titly PCM Bus interconnection between cards to enable hardware bridging for transparent voice, data and Fax transmission via optional PCM-Bus cable. (available Q4 2009)

آذِ 1/2 This Product Includes BF400, BF1E1

#### Comparison Table

Media Function 400 Max. Channels 1600 Max. Channels 6400 Max. Channels

G.711 incl. HW EC

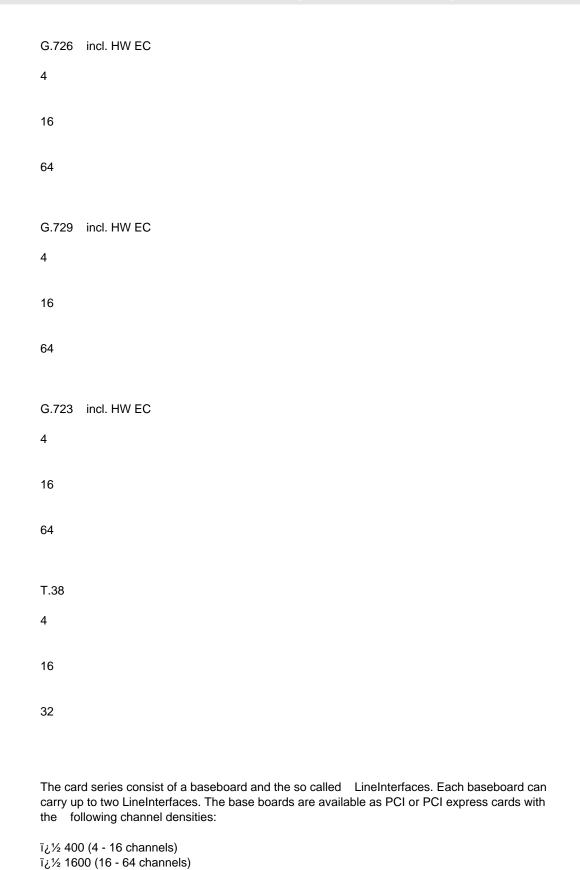
16

64

128



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ï¿1/2 6400 (64 - 120 channels)

The following Lineinterfaces are available and can be plugged on the card series.

ï¿1/2 BF4S0, 4 Port BRI module

آز1/2 BF1E1, 1 Port PRI module

ï¿⅓ BF2E1, 2 Port PRI module

าั¿½ BF1GSM,1 Port GSM module (available Q4 2009)

าั¿½ BF2GSM,2 Port GSM module (available Q4 2009)

Additionally to the baseboard and the LineInterfaces the following accessories are available for the card series:

រ៉េ្ត bf4S0Bridge (to use all 4 RJ45 slots on a baseboard with one bf4S0)

ī స్ట్రీ bnTAdapters (to connect 2 BRI Lines on 14 RJ45 slots)

i¿½ bnPCM Cable (to interconnect baseboards)

آذِيً bnE1Crosscable (to connect E1 ports to other systems)

Due to the modular concept you can mix PRI, BRI and GSM ports on one card with full above mentioned features which makes the cards very unique.

#### Please Enquire

Options available for beroNet 400 BF4001E1 1 PRI Box (BF4001E1BOX):

#### **Beronet Modules**

Not Required, 1 Port PRI/E1 Module -BF1E1 (+£308.40), 2 Port PRI/E1 Module - BF2E1 (+£572.90), 2 Port BRI/S0 / 2 FXS Module - BF2S02FXS (+£176.30), 4 Port FXO Module - BF4FXO (+£105.80), 4 Port FXS Module - BF4FXS (+£105.80), 4 Port BRI/S0 Module - BF4S0 (+£158.60).