OpenVox

BE200P/200E/400P/400E series BRI Card Datasheet

Features

▸ Up to 2, 4 ports of S/T BRI interface

▸ Each port can be independently configured for TE or NT mode

▸ DTMF detection

▸ Multiparty audio conferences bridge

▸ PCM bus connectors daisy chaining

▸ LEDs display the board's status

▸ Scalable: Just adding more cards to extend the system

▸ Suitable for 3.3 volts and 5.0 volts 32 bit PCI slots for B200P, BE200P, B400P, BE400P

▸ ITU-T I.430 and TBR 3 certified and S/T ISDN supporting in TE and NT mode

▸ RoHS compliant

▸ Certificates: CE, FCC, A-Tick

▸ trixbox TM Officially Certified

▸ Elastix® Officially Certified

Operating System
Linux (all versions, releases and distributions from 1.0 up)

Requirements

▸ RAM 128 + MB Linux

▸ Kernel 2.4.X or 2.6.X

▸ CPU 800+ MHZ

▸ PCI or PCI-E slot

Environments

▸ Temperature: 0 ~50°C (Operation)

              -40 ~125°C (Storage)

▸ Humidity: 10 ~90% NON-CONDENSING

Overview

OpenVox BE200P/BE200E/BE400P/BE400E series BRI card delivers great voice quality in the telephony systems. It turns your legacy ISDN BRI equipment into powerful Voice over IP devices and provides a soft migration path from ISDN technology to the new Voice over IP world. The First letter represents the card category, "E" at the second place represents EC module and the last letter means it is suitable for the PCI or PCI-E slot, for example, BE200P is B200P adding an EC module and it is suitable for PCI slot.

The BE200P/BE200E/BE400P/BE400E series BRI card brings powerful ISDN BRI connectivity to your Linux machine. It comes with fully GPLed drivers for the Linux kernel. Multiple B800P can be interconnected over an external PCM bus and its active channel switching capability is also working over the external PCM bus.

This series BRI card works with mISDN, BRIstuff, Asterisk®, Elastix®, FreeSWITCH™, PBX in a Flash, trixbox®, Yate™ and IPPBX/IVR projects as well as other Open Source and proprietary PBX, Switch, IVR, and VoIP gateway applications.

Target Applications

▸ ISDN BRI PBX (embedded)

▸ VoIP BRI Gateways

▸ ISDN LAN Routers for BRI

▸ ISDN Least Cost Routers for BRI

▸ ISDN Test Equipment for BRI

▸ PBX to PBX trunking

3-Month "No Questions Asked" Return Policy Lifetime Warranty

Items \ Pictures	BE200P	BE200E	BE400P	BE400E
Products	BE200P	BE200E	BE400P	BE400E
Bus Type	PCI 2.2+	PCI-E 1.0+	PCI 2.2+	PCI-E 1.0+
Ports	2 RJ45 S/T	2 RJ45 S/T	4 RJ45 S/T	4 RJ45 S/T
Optional EC Module	EC4004	EC4004	EC4008	EC4008
Dimensions (mm)	139×95×16	139×99×16	139×95×16	139×99×16
Weights (g)	115	112	129	125
DTMF Detection	✓	✓	✓	✓
Bus Master DMA	N/A	N/A	N/A	N/A
PCM Bus Connectors	✓	✓	✓	✓
Onboard Power Feeding	✓	✓	✓	✓
Hardware Watchdog	✓	✓	✓	✓