X204P/X204E Hybrid Telephone Cards Datasheet

Features

BRI Features:
- Up to 4 Simultaneous Voice Calls Over 2 ISDN BRI Lines (Per PCIe Slot)
- Mix TE and NT Modes as Required
- TE/CPE mode: BRI or PRI module can be used as transceiver synchronous clock, and the clock source line does not require link to the card

T1/E1/J1 Features:
- Industry 1st adjustable interrupt routing design
- Interrupts frequency adjustment
- Compatible with All Commercially Available Motherboards
- One T1/E1/J1 port with PCI interface for high performance voice and data applications

FXO/FXS Features:
- Caller ID and Call Waiting
- ADSI Telephones
- Loopstart Signaling Support
- Adjustable Interrupt Routing Design
- Interrupts Frequency Adjustment
- Up to 2 simultaneous PSTN Calls (Per FXO200M module)
- Compatible with All Commercially Available Motherboards
- 4 RJ-45 interfaces on a single PCI bracket
- Support PCI Express 1.0 above
- RoHS compliant
- Certificates: CE, FCC, A-Tick
- Trixbox ™ Officially Certified
- Elastix® Officially Certified

Requirements

- RAM 128 + MB Linux
- Kernel 2.4.X or 2.6.X or 3.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 X204 hybrid telephony card is a PCI 2.2 compliant card which supports 3 types interface: FXO/FXS, BRI and T1/E1/ J1. X204 Series card allows users to choose the number of FXO/FXS module according to individual needs. With no additional separate channel combiner and gateway access to products, each interface access 2 analog line via junction box. BRI ports can be configured for TE or NT mode individually by jumpers. It can provide 4 simultaneous voice calls over 2 ISDN BRI lines, 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. T1/E1/ J1 interface is selectable on a per-card or per-port basis, and supports industry standard telephony and data protocols, including Primary Rate ISDN (both American and Standard Euro) protocol families for voice, PPP, Cisco, HDLC, and Frame Relay data modes. Both line-side and trunk-side interfaces are supported.
X204 Series Card works perfectly with open source Asterisk® and enables users to take full advantages of the high performance and rich features of Asterisk®.

Target Applications

- Channel Bank Replacement / Alternative
- Small Office Home Office (SOHO) applications
- Small and Medium Business (SMB) applications
- Gateway Termination to analog telephones/lines
- High Performance ISDN interface Cards
- ISDN PABX for BRI
- ISDN LAN Routers for BRI
- ISDN Least Cost Routers for BRI
- ISDN Test Equipment for BRI
- Voice-over Internet Protocol (VoIP) Services
- Complex IVR Trees
- "Meet-Me" Bridge Conferencing
- Calling Card Platforms
- VoIP Gateways (support SIP and IAX2)
- Legacy PBX/IVR Services
- Voice/Data Router (replace expensive routers)
- PRI/SS7/R2 Compatibility-Network or CPE

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

3-Month "No Questions Asked" Return Policy
5-year Warranty

Pictures / Items		
Products	X204P	X204E
Bus Type	PCI 2.2+	PCI-E 1.0+
Ports	4 RJ45 S/T	4 RJ45 S/T
Optional Module	B200M / D100M / FXO200M / FXS200M	B200M / D100M / FXO200M / FXS200M
Dinmensions (mm)	200*78	200*78
Weights (g)	106	102

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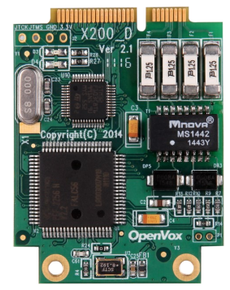
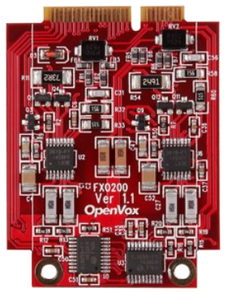
Module of X204P/X204E Hybrid Telephone Cards Datasheet

Items \ Pictures	
Module	B200M
BRI Port	2
Dinmensions (mm)	5*3.9
Weights (g)	8
DTMF Detection	✓
Bus Master DMA	N/A
Voltage Detection	✓
Hardware Watchdog	✓

Items \ Pictures	
Module	D100M
T1/E1/J1 Port	1
Dinmensions (mm)	5*3.9
Weights (g)	8
Bus Master DMA	✓
PRI	✓
E1/T1 R2	✓
SS7	✓

Items \ Pictures	
Module	FXO200M
FXO Port	2
Dinmensions (mm)	5*3.9
Weights (g)	6
DTMF Detection	✓
Loopstart Signaling	✓
Bus Master DMA	✓
Caller ID	✓
Voltage Detection	✓

Items \ Pictures	
Module	FXS200M
FXS Port	2
Dinmensions (mm)	5*3.9
Weights (g)	12
DTMF Detection	✓
Loopstart Signaling	✓
Bus Master DMA	✓
Voltage Detection	✓
Caller ID	✓

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