OpenVox DE430P PCI ISDN PRI Card



Product Name: OpenVox DE430P PCI ISDN PRI Card
Manufacturer: OpenVox
Model Number: DE430P

OpenVox DE430P PCI ISDN PRI Card
OpenVox DE430P is now the leading 4 port T1/E1/J1 PCI card in the open source industry. It takes full advantage of Octasic® Hardware Echo Cancellation Module to deliver the superior voice quality over T1, E1, and J1 interface.

ï¿½ Industry 1st adjustable interrupt routing design
ï¿½ Interrupts frequency adjustment
ï¿½ Compatible with All Commercially Available Motherboards
ï¿½ Four T1/E1/J1 ports with PCI interface for high performance voice and data applications
ï¿½ Octasic® Hardware Echo Cancellation Module Available
ï¿½ 3-Month “No Questions Asked” Return Policy

Lifetime warranty OverviewThe DE430P is an upgrade product of the DE410P. It’s supposed to be the most advanced 4 port T1/E1/J1 asterisk® card with superior quality in the open source community. The leading innovation ensures users to adjust the interrupts frequency to reduce the CPU load up to 70% and adjust the interrupt number to avoid interrupt number sharing or conflict.DE430P offers an on-board Octasic® DSP-based echo cancellation module. It supports T1, E1, and J1 environments and is selectable on a per-card or per-port basis. The Octasic® DSP-based EC module enables users to eliminate echo tails up to 128ms or 1024 taps across all 128 channels in E1 mode or 96 channels in T1/J1 modes. Further, this module takes advantage of the Octasic® Voice Quality Enhancement to provide superior sound quality on all calls.DE430P supports industry standard telephony and data protocols, including Primary Rate ISDN (both N. 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.DE430P works with 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.
OpenVox DE430P - Technical Specifications
Target Applications

ï¿½ Voice-over Internet Protocol (VoIP) Services
ï¿½ Complex IVR Trees
ï¿½ "Meet-Me" Bridge Conferencing
ï¿½ Calling Card Platforms
ï¿½ VoIP Gateways (support SIP, H.323, and IAX)
ï¿½ Legacy PBX/IVR Services
ï¿½ Voice/Data Router (replace expensive routers)
ï¿½ PRI/Switch Compatibility - Network or CPE

Technical Specifications

ï¿½ Four T1/E1/J1 ports with PCI interface for high performance voice and data applications
ï¿½ Half-length PRI card
ï¿½ RJ48 connector
ï¿½ Low profile option
ï¿½ 32 bit 33MHz PCI and fully PCI 2.3 compliant
ï¿½ 32 bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec
ï¿½ Autosense compatibility with 5 V and 3.3 V PCI busses
ï¿½ FPGA design, upgradeable firmware onsite
ï¿½ Power: 2.6W Minimum, 3.9W Maximum at 3.3 V or 5 V.

OpenVox DE430P PCI ISDN PRI Card

ï¿½ Operation temperature: 0°C to 50°C
ï¿½ Storage temperature: -65°C to 125°C
ï¿½ Dimension: 2U Form factor: 12*6.4*1.8cm
ï¿½ Weight: 98g

Optional Octasic® DSP Echo Cancellation Module—EC2128

ï¿½ 128ms tail/channel (on all channel densities)
ï¿½ Octasic® Music Protection
ï¿½ Adaptive Noise Reduction
ï¿½ Automatic Level Control (G.169)
ï¿½ Field upgradeable algorithm
ï¿½ V.25 / V.8 answer tone (w/ and w/o phase reversal)
ï¿½ DTMF as per Q.24
ï¿½ No CPU load as a result of echo cancellation.
ï¿½ Does not increase the physical size of the card, and no additional slot is required
ï¿½ EC2128 power: 0.33W/3.5W
ï¿½ Storage temperature: -40°C to 75°C

PRI Switch Compatibility

ï¿½ EuroISDN (PRI or PRA) - Q.931/Q.921
ï¿½ Network or CPE
ï¿½ AT&T 4ESS
ï¿½ National ISDN 2
ï¿½ CAS Voice Modes
ï¿½ DMS 100
ï¿½ Lucent 5E

Operating Systems

ï¿½ Linux (all versions, releases and distributions from 1.0 up)

Minimum Hardware Requirement

ï¿½ 800-Mhz Pentium III
ï¿½ 128MB RAM
ï¿½ Available PCI Slot

Price: £1,131.90