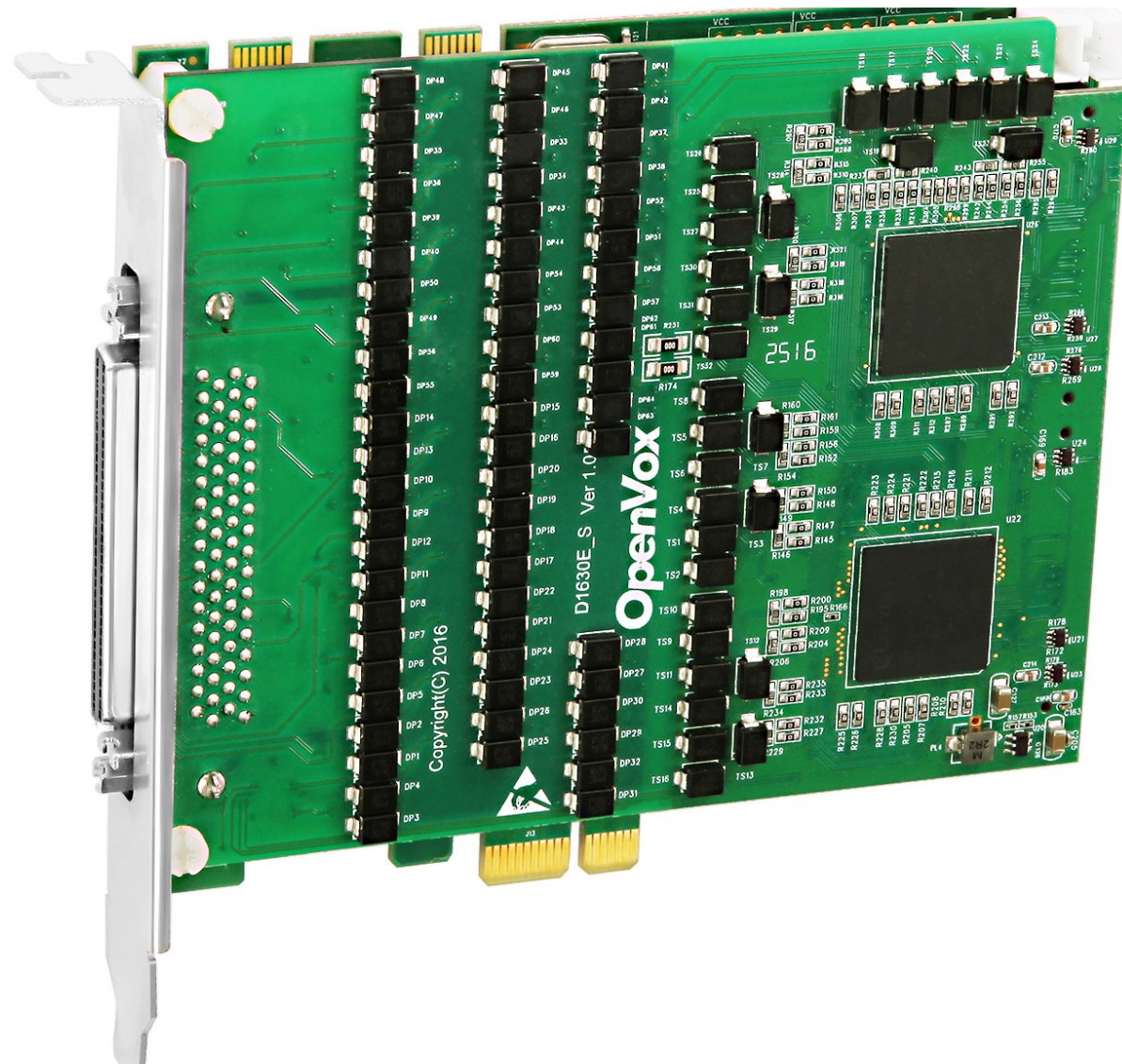# OpenVox

D1630 series PRI Card

Overview

OpenVox D1630 series ISDN card is advanced 16 ports T1/E1/J1 Asterisk® card with superior quality in the open source community. The leading innovation ensures users to adjust the interrupt frequency to reduce the CPU load up to 70%.

DE1630 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 basics. The Octasic® DSP-based EC module enables users to eliminate echo tails up to 128ms or 1024 taps across all 480 channels in 16E1 mode or 368 channels in 16T1/J1 modes. Furthermore, this module takes advantage of the Octasic® Voice Quality Enhancement to provide superior sound quality on all calls.

D1630E/DE1630E 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 mode. Both line-side and trunk-side interface are supported.

Target Applications

- 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/Switch Compatibility - Network or CPE

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

Technical Specifications

- RAM 2GB
- Kernel 2.4.X or 2.6.X or 3.X and above
- CPU 3.3 G Hz
- PCI-E slot
- Power supply: 5.2W Minimum, 7.8W Maximum at 3.3 V or 12V
- Dimension: 121mm*18mm*103mm
- Weight: 170g
- Temperature: 0 ~50°C (Operation)
                 -40 ~125°C (Storage)
- Humidity: 10 ~90% NON-CONDENSING

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

Features

- 16 T1/E1/J1 ports with PCI-E interface for high performance voice and data applications
- 32 bit bus master DMA data exchanges across PCI-E interface at 132 Mbytes/sec
- LEDs display the board's status
- Up to 480 Simultaneous voice calls respectively
- Scalable: Just adding more cards to extend the system
- Autosense compatibility with 12V and 3.3 V PCI-E busses
- Worldwide usable: Configurable line interface to meet global telephone line interface requirements
- RoHS compliant
- Certificates: CE, FCC
- Elastix® Officially Certified
- Work well with Asterisk®, Elastix®, FreeSWITCH™, PBX in a Flash, Yate™ and IPPBX/IVR projects as well as other Open Source and proprietary PBX, Switch, IVR, and VoIP gateway applications

Span 1 2 3 4 5 6 7 8

Span 9 10 11 12 13 14 15 16