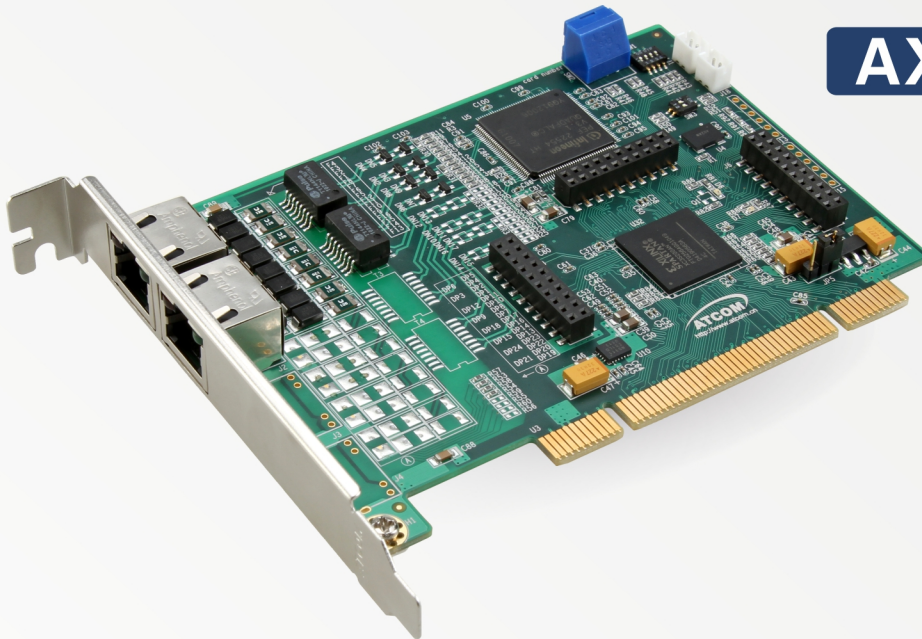


Telephony Card



AX-2D



EC64

Overview of the AX2D

- AX2D Asterisk card is the telephony PCI card which supports two ISDN PRI E1/T1/J1 ports, optional with teleco-grade hardware echo cancellation. Using AX2D digital PRI card, open source Asterisk PBX and stand alone PC, users can create their IP PBX telephony solution include all the sophisticated features of traditional PBX, and extend features such as voicemail in IP PBX.

Features

- AX2D: Two ISDN PRI E1/T1/J1 ports
- Support Asterisk, Freeswitch, Yate
- Support Elastix, Trixbox, AsteriskNOW,
- PBX in a Flash
- 100% compatible with all features of Asterisk PBX
- 32-bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec for minimum host processor intervention
- Supports standard telephony and data protocols(Including PRI, CAS, CCS for voice and PPP, HDLC, Cisco HDLC and Frame Relay for data modes)
- Supports chan_ss7 and Openr2
- Optional hardware echo cancellation
- Hardware echo cancellation direction selectable

Optional DSP Hardware Echo Cancellation Module

- G. 168–2002 echo cancellation in hardware
- 1024 taps/128 ms tail per channel on all channel densities
- DTMF decoding and tone recognition
- Voice quality enhancement: music protection, acoustic echo control, and adaptive noise reduction
- Does not increase the physical size of the card, and no additional slot is required

Applications

- ISDN PRI IP PBX
- ISDN least cost router
- Calling Card Platforms
- IVR system
- Call Center
- Traditional Calls/VoIP Calls Conference
- VoIP Gateway
- Callback Service

PCI Card Dimension

- 131.5mm (Length)*94mm (height)

Voice Modes

- Pri CPE and PRI NET:
- EuroISDN
- 4ESS(AT&T)
- 5ESS(Lucent)
- DMS100

Hardware Requirement

- 1.6-Ghz Pentium IV
- 512 MB RAM
- 3.3V or 5V PCI 2.2 slot

Operating System

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