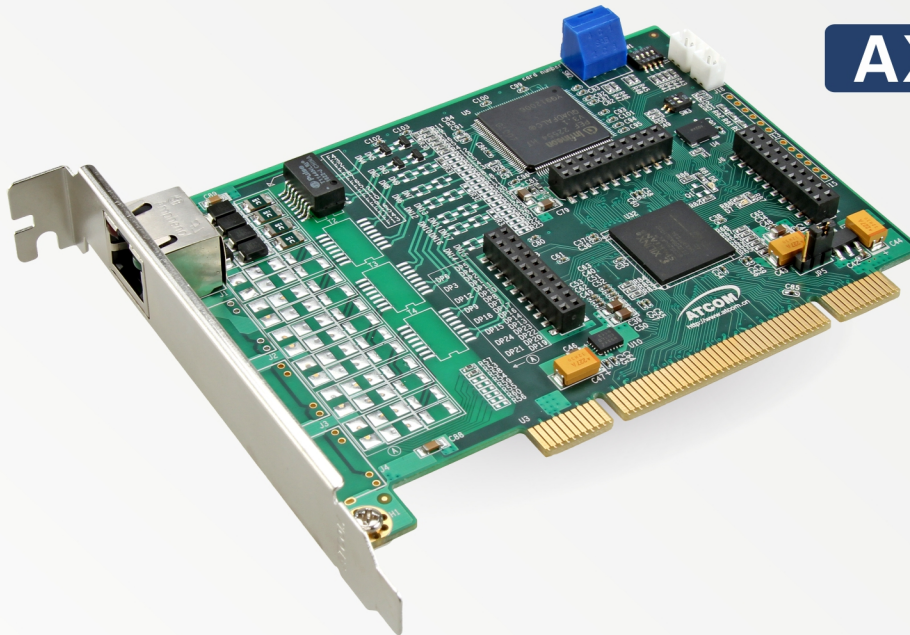
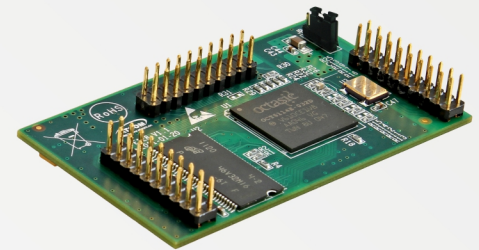


# Telephony Card



**AX-1D**



**EC32**

## Overview of the AX1D

- AX1D Asterisk card is the telephony PCI card which supports one ISDN PRI E1/T1/J1 port, optional with teleco-grade hardware echo cancellation. Using AX1D 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

- One ISDN PRI E1/T1/J1 port
- Support Dahdi, Zaptel(need to patch)
- Support Asterisk, Freeswitch
- Support Elastix directly
- Trixbox, AsteriskNOW, PBX in a Flash by reinstalling Dahdi
- 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
- Select the hardware echo cancellation direction

## 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

## 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
- PCI Card Dimension
- 131.5mm (Length)\*94mm (height)

## Operating System

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