Transcoding Card (PCIe)

Overview

IP telephony applications commonly require the use of multiple voice codecs used to digitally compress voice signals and save on bandwidth.

Our Transcoding card supports all the audio codecs. Voice signals from the PSTN come in the form of the G.711 codec, but the VoIP terminal equipment and networks can support a variety of different voice codecs, such as G.729. The VoIP infrastructure needs the capability to mediate between endpoints supporting different codecs.

Our Transcoding cards are designed to handle complex codec translation, using dedicated DSP resources, which would otherwise be processed by host CPU in software. This card greatly reduces the MIPS or CPU consumption, so that it can be used for handling other tasks.

Our Transcoding cards are available in PCI express form, converts simultaneous channels of transcoding from one type of codec (e.g. G.711) to another (e.g. G.729), without affecting latency or using up precious host CPU resources.

Certified by

elastix™ FREEDOM TO COMMUNICATE Askozia® Intuitive Telephony

Also works with

Asterisk™ FreePBX™ trixbox™ FreeSWITCH™

Features

- This card can handle 64, 128, 256 or 400 trascoding Sessions
- Supports G722.2, AMR, GSM-EFR, GSM-FR, G.711, G.722, G.722 1C/Siren 14, G.723.1, G.726, G.729AB, T.38 FAX, iLBC
- PCIe compliant
- Integrates with open source platforms such as Asterisk™, Freeswitch™, Elastix™ , YATE™ and more

Product Models

aCT32e - TRANSCODER 32 CHANNEL PCIe
aCT64e - TRANSCODER 64 CHANNEL PCIe Card
aCT128e - TRANSCODER 128 CHANNEL PCIe Card
aCT256e - TRANSCODER 256 CHANNEL PCIe Card
aCT400e - TRANSCODER 400 CHANNEL PCIe Card

Operation temperature: 0°C to 50°C
Storage temperature: -40°C to 125°C
Dimension: 9.4cm x 6.5cm x 1.5cm
Weight: 54g

Warranty Info

5 Years Hardware warranty.

CEM Solutions

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