Created on: Thursday 28 March, 2024

OpenVox V100-128 PCI, PCI Express Voice Transcoding Card (Up to 128 transcoding Sessions PCI)



Product Name: OpenVox V100-128 PCI, PCI Express Voice Transcoding Card (Up to 128 transcoding Sessions PCI)
Manufacturer: -
Model Number: V100-128

Please Note: This product has been discontinued. For an alternative, please our other Asterisk Software.

OpenVox V100-128 PCI, PCI Express Voice Transcoding Card (Up to 128 transcoding Sessions PCI)
OpenVox V100 innovative transcoding card comes with the industry’s first PCI & PCI-E form factors design in one Single board and designed for superior voice quality for low to high density system!

ï¿½ 30 to 400 transcoding sessions
ï¿½ No Licensing Fees1
ï¿½ PCI and PCI-E Form Factors in one SINGLE board
ï¿½ Reduce Host CPU Load
ï¿½ Suitable for normal PCI or low profile PCI applications
ï¿½ Provides PCI/PCI-E/RJ45 media, control flow paths.
ï¿½ Works with Asterisk® and FreeSWITCH®.

Because of its low bandwidth requirements, the voice data compression Codecs, such as G.729AB, G.726,AMR, G.722.1, iLBC, GSM, etc. are commonly used in VoIP applications. The G.711 Codec is used in legacy network. For bridging TDM to VoIP connectivity, it needs Codec transformation. Compared with Transformation software, the V100 card, Based Multicore-DSP, can convert more sessions of transcoding, reduce host CPU load.
The V100 card is rated to handle up to 32, 64, 128, 256, 400 Codec transformations without additional licensing fees1 for transcoding.
The V100 card can be worked as PCI or PCI-E Form Factors in one board. The V100 is suitable for nomal PCI or low profile PCI applications which can provide PCI, PCI-E, RJ45, media and control flow paths. These features can provide cost savings and support flexible applications.
The V100 can be worked with Asterisk® and FreeSWITCH®.
OpenVox V100-128 - Technical Specifications
General Features

ï¿½ High density up from 30 to 400 Transcoding
ï¿½ No additional License Fee1
ï¿½ Small Size 2U Form Factor
ï¿½ PCI and PCI-E interface in one board
ï¿½ Supports Low Profile PCI/PCI-E
ï¿½ Multi Media/Control Flow Paths
ï¿½ Reduce Host CPU Load
ï¿½ Release API for Integration
ï¿½ OS: Linux and Windows
ï¿½ Integrates in Asterisk® and FreeSWITCH®
ï¿½ Support distributed or integrated Application

Target Applications

OpenVox V100-128 PCI, PCI Express Voice Transcoding Card (Up to 128 transcoding Sessions PCI)

ï¿½ Hosted VoIP GateWay
ï¿½ Conferencing Server
ï¿½ IVR Server
ï¿½ IP Network Peering
ï¿½ Distributed Office PBX
ï¿½ Call Centers
ï¿½ SIP Trunking

Codec Support

ï¿½ G.711
ï¿½ GSM-FR
ï¿½ G.722
ï¿½ GMS-EFR
ï¿½ G.722.1
ï¿½ AMR
ï¿½ G.726
ï¿½ AMR-WB (G.722.2)
ï¿½ G.729AB
ï¿½ iLBC

1Except for AMR and ANR-WB
Interface Interface

ï¿½ PCI :32bit/33MHz
ï¿½ PCI-E: x1
ï¿½ 10/100/1000 BASE-T RJ45

Software

ï¿½ Asterisk® and FreeSWITCH®
ï¿½ API

Dimensions
Includes Low Profile PCI/ PCIe Short Form Factor in 2U Chassis 64.1x 119.8mm (PCB)
Power Requirments

ï¿½ PCI:2.5A @3.3V Or
ï¿½ PCIe-E:0.3A @3.3V; 0.6A @12V

Operating Temperature
0 – 50 °C
Certifications
FCC Part 15, EN55022, EN55024 (pending)
Warranty
5 Years warranty

Please Enquire