



OpenVox D410E/D210E Datasheet

PRI Interface Card

Document Rev0.01 Written by: james.zhu@openvox.cn

OpenVox's D410E/D210E PCI Express is Asterisk® based E1/T1 voice/data card. It provides 120 channels (for D410E) of voice or data across four E1, T1, or J1 interfaces in a PCIe x1 form factor. It is selectable on a per-card or per-port basis. This feature enables signaling translations between E1 and T1 equipments and allows T1 channel banks to connect with E1 circuits in a cost effective way. It is able to be used in any available PCI Express 1.0 compliant slot - 1x, x4, x8, and x16 without considerations for voltage selection or lane size.

Target Applications

Voice-over Internet Protocol (VoIP) Services
 Complex IVR Trees
 "Meet-Me" Bridge Conferencing
 Calling Card Platforms
 VoIP Gateways (supports SIP, H.323, and IAX)
 Legacy PBX/IVR Services
 Voice/Data Router (replace expensive routers)
 PRI/Switch Compatibility - Network or CPE

System Requirements

RAM 128 + MB
 Linux kernel 2.4.X or 2.6.X
 CPU 800+ MHZ
 PCI Express 1.0 Compliant

D410E PRI Switch Compatibility

EuroISDN (PRI or PRA) - Q.931/Q.921
 Network or CPE
 AT&T 4ESS
 National ISDN 2
 CAS Voice Modes
 DMS 100
 Lucent 5E

D410E Data Modes

SyncPPP (both Fixed and Dialup)
 Cisco HDLC
 Frame Relay
 Multi-Link PPP

D410E CAS Voice Modes

E&M Wink
 Feature Group D
 a-Law, μ -Law, and Linear Modes
 Supported

Disclaimers

Asterisk® is a registered trademark of Digium, Inc.