

D110/210/410 series PRI Card Datasheet

Features

- ▶ 1, 2, 4 T1/E1/J1 ports with PCI or PCI-E interface for high performance voice and data applications
- ▶ 32 bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec
- ▶ LEDs display the board's status
- ▶ Up to 30, 60, 120 Simultaneous voice calls respectively
- ▶ Scalable: Just adding more cards to extend the system
- ▶ Autosense compatibility with 5 V and 3.3 V PCI busses
- ▶ Worldwide usable: Configurable line interface to meet global telephone line interface requirements
- ▶ RoHS compliant
- ▶ Certificates: CE, FCC, A-Tick
- ▶ trixbox™ Officially Certified
- ▶ Elastix® Officially Certified

Operating System

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

Requirements

- ▶ RAM 128 + MB Linux
- ▶ Kernel 2.4.X or 2.6.X
- ▶ CPU 800+ MHZ
- ▶ PCI or PCI-E slot

Environments

- ▶ Temperature: 0 ~50°C (Operation)
-40 ~125°C (Storage)
- ▶ Humidity: 10 ~90% NON-CONDENSING

Overview

OpenVox D110/210/410 series PRI card supports E1, T1 and J1 environments, and it is selectable on a per-card or per-port basis. This feature enables signaling translation between E1 and T1 equipments and allows inexpensive T1 channel banks to connect with E1 circuits.



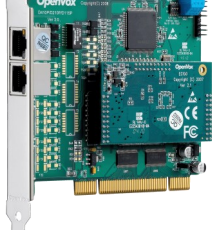

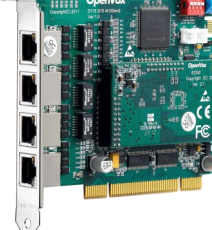

D110/210/410 series PRI card supports industry standard telephony and data protocols, including Primary Rate ISDN (both N. American and Standard Euro) protocol families for voice, PPP, Cisco, HDLC, and Frame Relay data modes. Both line-side and trunk-side interfaces are supported.

D110/210/410 cards work well with Asterisk®, Elastix®, FreeSWITCH™, PBX in a Flash, trixbox®, Yate™ and IPPBX/IVR projects as well as other Open Source and proprietary PBX, Switch, IVR, and VoIP gateway applications.

Target Applications

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

3-Month "No Questions Asked" Return Policy
Five Year Warranty

Items		Pictures					
							
Products		D110P	D110E	DE210P	DE210E	DE410P	DE410E
Bus Type		PCI 2.2+	PCI-E 1.0+	PCI 2.2+	PCI-E 1.0+	PCI 2.0+	PCI-E 1.0+
Ports		1 RJ48	1 RJ48	2 RJ48	2 RJ48	4 RJ48	4 RJ48
Dimensions (mm)		122.2×63.5×16	119.7×68.8×16	127.8×103.5×16	127.8×108.1×16	127.8×103.5×16	127.8×108.1×16
Weights (g)		54	54	106	129	135	129
Optional EC Module		N/A	N/A	EC100-64	EC100-64	EC100-128	EC100-128
Bus Master DMA		✓	✓	✓	✓	✓	✓
E1/T1	PRI	✓	✓	✓	✓	✓	✓
	SS1	✓	✓	✓	✓	✓	✓
	SS7	✓	✓	✓	✓	✓	✓