

TE205P & TE210P

Ultimate Density and Performance in both T1 and E1

The **TE205P** and **TE210P** are the next generation of Digium hardware that improves performance and scalability through bus mastering architecture. The TE205P and TE210P support both E1 and T1 environments and is selectable on a per-card or per-port basis. This feature enables signaling translation between E1 and T1 equipment and allows inexpensive T1 channel banks to connect with E1 circuits. Because the TE205P and TE210P improve I/O speed over slave-only architecture, the result is reduced CPU usage and increased card density per server.

Digium has designed the TE205P and TE210P to be fully compatible with existing software applications and it is fully integrated with the Asterisk Open Source PBX/IVR platform. Also, the open source driver supports an API interface for custom application development. With the combination of Digium Hardware and Asterisk software, numerous combinations of telephony configurations are possible. From the traditional PBX to VoIP Gateways, Digium solutions are paving the way for a new generation of worldwide communications.



The TE205P and TE210P support 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, also included are advanced call features.

The TE205P is for use only with a 5.0-volt PCI slot. The TE210P is for use only with a 3.3-volt PCI slot.

The TE205P and TE210P are certified for Europe, North America, and Australia. Please visit both our web sites at www.digium.com and www.asterisk.org.

Target Applications

- Legacy PBX/IVR services
- Voice-over Internet Protocol (VoIP) services
- Complex IVR Trees
- "Meet-me-Bridge" conferencing
- VoIP Gateways (supports SIP, H.323 and IAX)
- Calling Card Platforms
- Voice/Data Router (replace expensive routers)

PRI Switch Compatibility

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

CAS Voice Modes

- Feature Group D
- E&M Wink
- A-Law, Mu-Law, and Linear Modes Supported

Data Modes

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