

# Digium Wildcard TE411P PCI ISDN PRI Card



Product Name: Digium Wildcard TE411P PCI ISDN PRI Card

Manufacturer: Digium

Model Number: -

Availability: This product is now obsolete

Digium TE411P Asterisk Card with Echo Cancellation

The TE411P is the next generation of Digium hardware that offer on-board echo cancellation. They supports both E1 and T1 environments and is selectable on a per-card or per-port basis. Echo cancellation and DTMF detection is supported for four full T1 (96 channels) or E1 (124 channels) and improves voice quality in situations where software echo cancellation is not sufficient, where echo cancellation is not done at the CO, or where CPU utilization must be minimized. By supporting 16ms of echo cancellation over 128 channels, 32ms over 64 channels, or 64ms over 32 channels, this card will perform in the most difficult of environments while providing capacity/length tradeoff. It provides echo cancellation to analog channel banks or for E&M signaling with echo from the far end. The TE411P reduces CPU overhead required for software echo cancellation and frees resources for other processes, such as codec translation. Digium has designed the TE411P 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.

The TE411P 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, also included are advanced call features.

The TE411P is for use with a 3.3-volt PCI slot.

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)

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, u-law and linear modes supported

Data Modes

SyncPPP (Both Fixed and Dialup) Framr Relay Cisco HDLC Multi-link PPP

Echo Cancellation

G.168 compliant 128 taps over 128 channels (16ms over 128 channels)

**Please Enquire**

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