T400P
quad span t1 interface

The Wildcard T400P offers unprecedented density and value in the telephony arena. Terminating four T1 interfaces in a single PCI form-factor device, the T400P harnesses the benefits of standard PC hardware and the open source Linux operating system.

The T400P supports industry-standard telephony and data protocols, including both the Robbed Bit Signaling and Primary Rate ISDN protocol families for voice, as well as PPP, Cisco HDLC, and Frame Relay data modes. The board is fully supported by the Asterisk Open Source PBX and can drive both line-side and trunk-side interfaces, including supporting advanced call features. In addition to conventional telephony, Asterisk extends the strengths of the T400P to provide Voice over IP and ultra low-latency TDM over Ethernet for greater efficiency and flexibility.

The E400P is the European equivalent of the T400P, providing four E1 interfaces.
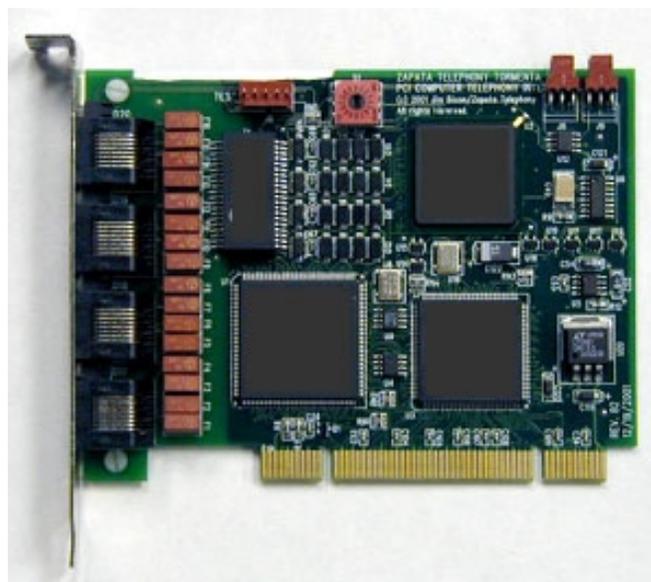
Target Applications:
- Packet voice gateways and switches
- Calling card services
- One number services
- Messaging services
- Conferencing
- Customized and web telephony
- Voice/data integration
- Future-proof PBX
- ISDN Remote Access Server

PRI Switch Compatibility:
- AT&T 4ESS
- DMS 100
- Lucent 5E
- National ISDN 2
- Network or CPE

RBS Voice Modes:
- A-law, Mu-law, and linear modes supported
- E&M
- E&M Wink
- Feature Group D
- Groundstart (FXO and FXS)
- Loopstart (FXO and FXS) with optional disconnect supervision

Data modes:
SyncPPP (both Fixed and Dialup)
Frame Relay
Cisco HDLC

Services and features:
Caller*ID Transmission/Reception
Pseudo-TDM Conferencing with Zaptel channels
Digital gain control (transmit and receive)
Dynamic Span Interaction (TDM over Ethernet)
Echo canceller
ISDN RAS capability
Local and remote loop backs
Pseudo-TDM bus architecture keeps latency low
Supports voice and data on the same span
Tone internationalization (a.k.a. Tone Zones)

Environment Conditions:
Operating Range: 0 to 50° C, 32 to 122° F
Storage Range: - 20 to 65° C, 4 to 149° F
Humidity: 10-90% non-condensing

Hardware and Software Requirements:
800 Mhz Pentium III or better with 64 Megs of RAM
Available PCI slot
Linux 2.4 kernel

Combined with LSS's Open Source PBX, the T400P provides a platform for deploying customizable, high-density voice and data services over a variety of network configurations and applications at a market-leading cost.

Contact Information

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