

Wildcard E400P

The Wildcard E400P offers unprecedented density and value in the telephony arena. Terminating four E1/PRI interfaces in a single PCI form-factor device, the E400P harnesses the benefits of standard PC hardware and the Open Source Linux operating system.

Digium E1 interfaces interconnecting a Linux PC system with traditional telephony equipment enable the flexibility of Open telephony solutions. In addition to conventional telephony, the Open Source Asterisk PBX (Private Branch Exchange) software extends the strengths of the E400P to provide Voice over IP (VoIP) bridging ultra low-latency TDM over Ethernet (TDMoE) for greater efficiency and flexibility.

The E400P supports industry standard telephony and data protocols, including Primary Rate ISDN (PRI) protocol families for voice, 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, and includes support for advanced call features.

If you would like information concerning our United States equivalent of the E400P, the T400P, please see the E400P product data sheet available at <http://www.digium.com/>.

Target Applications

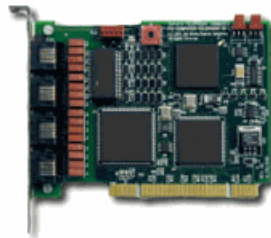
- Packet Voice Gateways and Switches
- Calling Card Services
- One Number Services
- Message Services
- Conferencing
- Customized and Web Telephony
- Voice/Data Intergration
- Future-Proof PBX
- ISDN Remote Access Servers

PRI Switch Capatibility

- EuroISDN
- Network or CPE

CAS 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



E400P - Ultimate Density and Performance in E1

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Data Modes

SyncPPP (both Fixed and Dialup)
Frame Relay
Cisco HDLC

Services and Features

CallerID
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 Same Span Voice and Data
Tone Internationalization (Tone Zones)

Environment Conditions

Operation 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 64MB RAM
Available PCI Slot
Linux 2.4 Kernel

Combined with Digium's Asterisk Open Source PBX, the E400P 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

1-877-LINUX-ME
sales@digium.com
<http://www.digium.com/>

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