B410P - Quad S/T BRI Interface

digium®

Digium's B410P is a half-length universal PCI 2.2-compliant Basic Rate ISDN card that supports both TE and NT modes over 4-wire S/T interfaces. Each of the four ports of the B410P can be independently configured for either TE or un-powered NT mode. The B410P features on-board hardware-based echo cancellation for up to 64ms (512 taps) per B-channel for each of the eight total voice channels. The B410P is compatible with EuroISDN standard signaling modes for use in international environments and can switch between 75 Ohm and 100 Ohm lines.

Using Digium's digital hardware, Asterisk PBX software, and a Linux-powered PC, users can create an intelligent and flexible telephony solution that includes all of the sophisticated features of a high-end, traditional TDM or Voice over IP PBX solution.

B410P

B410P Features

Target Applications
PC based PBX
VoIP gateways
ISDN monitoring
ISDN recording

Physical Specifications
Size: 3.75" x 5.5", not including the bracket
Weight: 1.1 ounces.; 31.2 grams

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

Configurable Modes
EuroISDN TE
EuroISDN NT

PCI Interface
32-bit
33MHz
Univesrsal PCI 2.2 compliant

Hardware Echo Cancellation
64ms (512 taps) of echo cancellation per
   B-channel

Hardware Requirements
500-MHz Pentium III or better
   with 64MB of RAM
Available 3.3V or 5.0V PCI Slot

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Under the Risk-Free Guarantee, Digium® will refund the purchase price of any qualifying Digium product(s) for any customer that is not 100% satisfied with the performance of the Digium product(s) they purchased. For more detailed information about Digium's ESP Program, please visit www.digium.com/esp.

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Digium® is the creator, sponsor, and innovative force behind Asterisk®, the industry's first and world's most popular open source telephony software. Additionally, Digium provides a variety of VoIP communication solutions that fit the needs of small, medium, and large businesses. Digium's product lines include commercial business phone systems, as well as software, hardware, and other components needed to create powerful custom telephony solutions.

BUSINESS PHONE SYSTEMS

Digium's line of award winning Switchvox IP PBX phone systems are built on a strong foundation of our open source Asterisk software. Switchvox solutions are designed to be extraordinarily easy to use and provide features that most small and medium businesses had previously considered out of their reach.

Switchvox's web-aware unified communications capabilities are unique in an industry cluttered with old technology. Integration with web and back office applications turns your phone system into a powerful platform for employees' productivity and efficiency. Its web-based Switchboard provides an intuitive control panel to assist with call management in real time while unifying phone calls, faxes, e-mails, instant messaging, Google Maps, CRM systems and other web tools from an easy-to-use, centralized control panel.

We're able to offer these PBX systems with superior capabilities for a fraction of the cost of traditional vendors' products because the shift to an open source software foundation represents a dramatic leap forward in telephony technology.

CUSTOM TELEPHONY SOLUTIONS

Digium empowers users, developers and integrators to build custom telephony solutions by offering a variety of software, hardware, and third-party components. From a simple phone system, to a sophisticated telephony application, Digium makes it possible for the world to communicate in an infinite number of ways at a fraction of the cost of proprietary solutions.

At the heart of these offerings is Asterisk, the powerful open source telephony development toolkit. Asterisk is free software that turns an ordinary computer into a feature-rich voice communications platform. Its flexible architecture lets you configure it as an IP PBX, a voicemail server, IVR server, VoIP gateway, call recorder, automatic call distributor and virtually any other voice-enabled application you can imagine.

To support Asterisk-based solutions, Digium offers a full line of high quality analog and digital interface cards to connect your solution to the public telephone network. In addition, Digium offers add-on software components like Skype® For Asterisk, Fax For Asterisk, G.729 codec, and high performance echo cancellation (HPEC) to enhance your solution.