BRI Telephony Cards

Asterisk ISDN connectivity for small and medium businesses

For Asterisk users building voice gateways and phone systems, Digium provides several different Basic Rate ISDN computer telephony cards. These computer cards quickly and easily connect Asterisk to traditional telephone network, giving users powerful tools to build sophisticated voice applications and to solve connectivity issues.

Providing on-board echo cancellation, compatibility with traditional PCI as well as PCI-Express slots and available in low-profile or full-height configurations, Digium's BRI cards are versatile solutions for any business need.

Working natively with Asterisk's DAHDI drivers, these interface cards are reliable, trouble-free, and backed by a 5-year warranty. Digium is the trusted name for Asterisk solutions.

Target Applications

PC based PBX
VoIP gateways
ISDN monitoring
ISDN recording

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
Software configurable:
    No jumpers needed

Warranty

5-year parts and labor
Digium Exceptional Satisfaction
    Program

Interfaces

PCI Interface (B234, B434)
32-bit, 33MHz
Universal PCI 2.2 compliant

PCIe Interface (B233/B433)
PCIe 1.0 or greater
x1 connector

Hardware Echo Cancellation

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

Models

B233: Quad Port BRI PCIe
B234: Quad Port BRI PCI
B433: Quad Port BRI PCIe
B434: Quad Port BRI PCI

Hardware Requirements

500-MHz Pentium III or better
    with 64MB of RAM
Available PCI or PCIe slot

On-board carrier-grade echo cancellation provides the highest voice quality, ensuring good caller experiences in all situations.

B233   B234   B433   B434

	B233	B234	B433	B434
	EuroISDN	EuroISDN	EuroISDN	EuroISDN
Ports	2	2	4	4
Bus Type	PCIe	PCI	PCIe	PCI
Connector	x1	3.3V or 5.0V	x1	3.3V or 5.0V
Dimensions	5" x 3.2" 12.7cm x 8.1cm	5" x 3.2" 12.7cm x 8.1cm	5" x 3.2" 12.7cm x 8.1cm	5" x 3.2" 12.7cm x 8.1cm
Weight	2.1 oz/59.5 g	2.1 oz/59.5 g	2.4 oz/68 g	2.1 oz/59.5 g
Low-profile	Yes	Yes	Yes	Yes
Built-in hardware Echo Cancellation	Yes	Yes	Yes	Yes

Digium.
The Asterisk Company.

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.

Digium reserves the right to change, without notice, product offerings and/or specifications.

Under the Risk-Free Guarantee, Digium® will refund the purchase price of any qualifying Digium product(s) for any customer who 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**

NO RISK
GUARANTEE
100%
SATISFACTION

Business Communications 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 Communications Systems

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 Fax For Asterisk, G.729 codec, and high performance echo cancellation (HPEC) to enhance your solution.

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