

> quadBRI PCI ISDN card <

The **quadBRI PCI ISDN** brings powerful ISDN BRI connectivity to your Linux machine. It comes with fully **GPL**ed drivers for the Linux 2.4.X kernels. All 4 BRI ports on the card can be configured for TE or NT mode individually by jumpers. Port configuration is detected by the driver.

The drivers can handle EuroISDN (ETS 300 102) signalling, support for National ISDN 1 (Q.931) is planned.

With flatband cables multiple **quadBRI PCI ISDN** cards can be connected to form an external PCM bus operating at 8 Mbit/s with 128 timeslots allowing 64 full duplex connections at 64 kbit/s. So a maximum of 8 **quadBRI PCI ISDN** cards can be interconnected.

Over the PCM bus B channels can be connected without latency and without putting load on the host CPU. Up to 8 conferences can be set up per card with an unlimited number of members from the PCM bus.

The **quadBRI PCI ISDN** turns your legacy ISDN equipment (or analog equipment behind an analog2isdn converter) into powerful VoIP devices. Transparently add least-cost-routing (over PSTN or ITSP carriers) to your existing setup or transparently interconnect your legacy ISDN pbxes at different locations over the internet.

Visit our website at <http://www.junghanns.net/asterisk/> for more information and latest updates.

Target Applications

- ISDN BRI PBX (ISDN lines, ISDN phones)
- ISDN least cost routers
- VoIP to ISDN gateway
- Integration of ISDN equipment into VoIP scenarios
- ISDN monitoring / recording

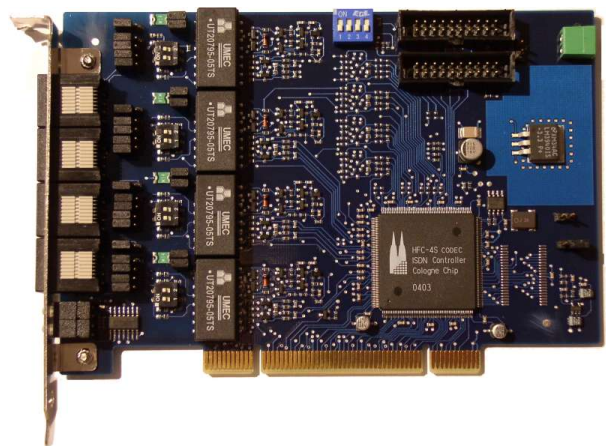
Features

- 4 BRI (I.421) ports TE/NT mode
- DTMF detection engine
- Conference bridge (8 conferences)
- PCM in/out connectors
- 4 dual-color LEDs (red/green)
- daisy chaining of max. 8 quadBRI cards
- onchip bridging of B channels (even across multiple cards over the PCM bus)
- suitable for 3.3V and 5V 32bit PCI 2.2 slots
- optional S0 bus power feeding module available for feeding up to 4 cards
- Point-to-Point and Point-to-Multipoint euroISDN protocol stack

Requirements

- CPU 500 Mhz
- RAM 64 MB
- Linux 2.4.X kernel
- 32bit PCI 2.2 slot

quadBRI PCI ISDN



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