

# quadBRI® mini PCI ISDN

Productsheet

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QUALITY IN COMMUNICATIONS

The **quadBRI® miniPCI ISDN** turns your legacy ISDN equipment (or analog equipment behind an ISDN TA) into powerful Voice over IP devices. It provides a soft migration path from ISDN technology to the new Voice over IP world (see Application 1).

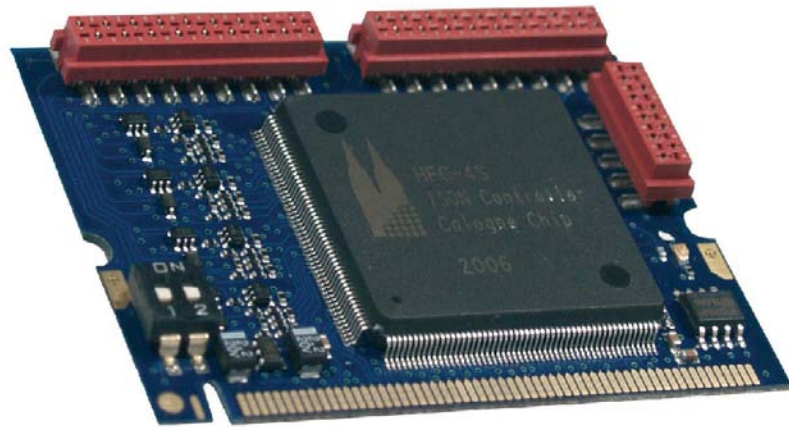
Connect your ISDN PBXes at different locations with Voice over IP and drop costs for company internal calls close to zero. Transparently add least cost routing over ISDN or VoIP carriers to reduce costs on outbound calls significantly.

The **quadBRI® miniPCI ISDN** brings powerful ISDN BRI connectivity to your Linux machine. It comes with fully **GPLed** drivers for the Linux 2.4.X and 2.6.X kernels.

All 4 BRI ports can be configured for TE or NT mode individually by jumpers. This port configuration is detected by the driver automatically.

The drivers can handle the user and network side of **euroISDN** (ETS 300 102) signalling, support for National ISDN 1 (Q.931) is planned.

The miniPCI form factor is the ideal base to build highly integrated and cost effective Voice over IP gateways and PBX solutions.



## Target applications

- ISDN BRI PBX (embedded)
- ISDN least cost router
- Voice over IP BRI gateways
- VoIP integration of ISDN equipment
- **PBX to PBX trunking**
- **IAD with 4 BRI interfaces**

## Features

- 4 Basic Rate Interface ports (I.421) for TE and NT mode
- DTMF detection
- Conference bridge
- 4 dual-color LEDs (layer 1 state indicators)
- active channel switching (across multiple cards over the external PCM bus)
- **TRB3/TRB3-A1** certified Point-to-Point (TE/NT) and Point-to-Multipoint (TE/NT) euroISDN protocol stack
- suitable for miniPCI III slots

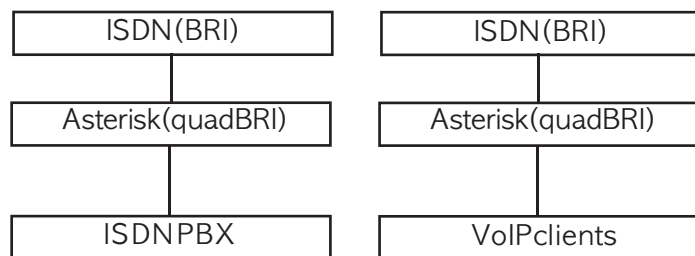
## Requirements

- CPU 200+ MHz  
(AMD Geode and MIPS tested)
- RAM 32+ MB
- Linux 2.4.X or 2.6.X Kernel (2.6.X recommended)

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Application 1: Integration of an ISDN PBX    Application 2: Voice over IP gateway for BRI



## RJ45 ISDN connector

