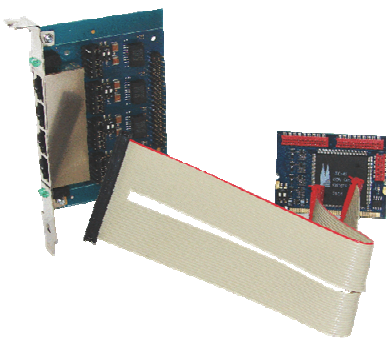
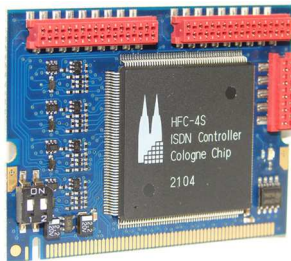


miniPCI BRI Card Series for Asterisk



beroNet is providing with the BNxS0mini a 1 Port, 2 Port and a 4 Port ISDN BRI card, a powerful and flexible solution for small and embedded ISDN Appliances based on the Open Source PBX Asterisk. The BNxS0mini BRI Card series consists of a miniPCI form factor card and an add-on Board, where the BRI Ports are carried out. The add-on Board can be customized to your requirements on your Appliance-chassis.

Together with our channel-driver "chan_mISDN", which is covered by the GPL licensing agreement, you can easily add BRI ports to your Asterisk system. Our channel-driver is based on the new ISDN stack of the new Linux Kernel: mISDN (modular ISDN).

The BNxS0mini card series is available with 1, 2 or 4 S0 ports, which can be configured individually for each port for NT (Network Termination) or for TE (Terminal Equipment) mode. In either mode the card supports Point-To-Multi-Point mode or Point-To-Point mode.

Features:

- 1,2 or 4 BRI Ports
- each port can be configured individually for TE / NT mode
- L1, L2, L3 tested (TE-Mode) for compliance to European standards for EuroISDN.
- Hardware DTMF Detection
- Software echo cancellation module, compliant to G.168-2000 ITU-standard, works only for beroNet cards (available soon)
- ISDN ports are short-circuit protected (by electronic fuse, auto-reset)
- line termination (100 ohms) is selectable for each port by DIP switch
- suitable for miniPCI Slots