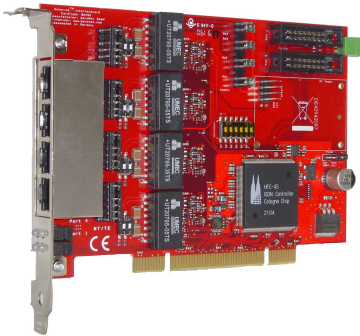


### BNXS0 BRI Card Series for Asterisk



beroNet offers the BN2S0, BN4S0 and the BN8S0 BRI ISDN cards, a powerful and flexible solution for the Open Source PBX Asterisk. 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 BNXS0 card series is available with 2, 4 or 8 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. You can power each port (except BN8S0) with our power supply module (BN-Power) to provide current to your Terminal Equipment

#### Features:

- 2,4 or 8 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 bridging (for transparent voice, data and fax transmission)
- PCM Bus (inter-connection between BN cards to enable hardware bridging for different cards via optional PCM-Bus cable)
- Hardware DTMF Detection
- Software echo cancellation module, compliant to G.168-2000 and G.167 ITU-standards, works only for beroNet cards (available soon)
- all ports can be powered individually by an power supply unit (except the BN8S0 only 4 ports can be powered, valid for NT mode only; optional unit available)
- ISDN ports are short-circuit protected (by electronic fuse, auto-reset)
- line termination (100 ohms) is selectable for each port by DIP switch
- PCI interface is suitable for 3.3V as well as for 5V PCI 2.2 slots (5V to 3.3V on board regulator)