

BNXS0 BRI Card Series for Asterisk



With the BN2S0, BN4S0 and the BN8S0 BRI ISDN cards, beroNet provides 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 to NT (Network Termination) or to TE (Terminal Equipment) mode. In either mode the card supports Point-To-Multi-Point mode or Point-To-Point mode. With our power supply module (BN-Power) you can provide each port (except BN8S0) with power for your Terminal Equipment.

Features:

- 2,4 or 8 BRI ports
- Each port can be configured individually to TE / NT mode
- L1, L2, L3 tested (TE-Mode) for compliance against 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
- Optional software echo cancellation module up to 128 ms
- All ports can be powered individually by an external power supply unit (the BN8S0 can only power 4 ports, 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)



beroNet GmbH Friedrichstr. 231, D-10969 Berlin FON +49-(0)30-259389-0 FAX +49-(0)30-259389-19

info@beronet.com www.beronet.com