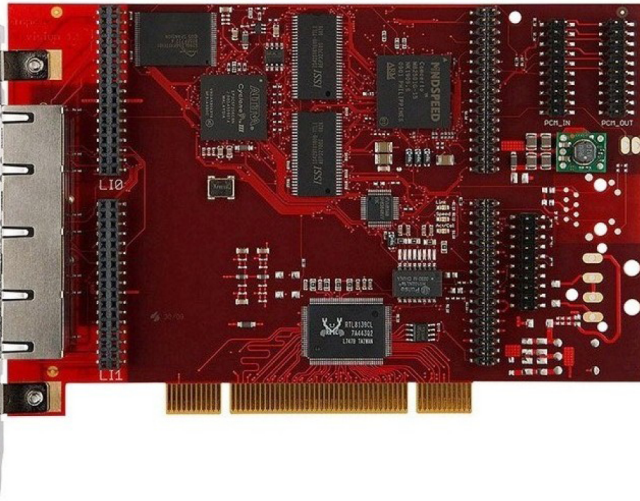


The berofix Baseboard

as PCI or PCIe card



Modular & Expandable

The Baseboard is modular where you can plug and mix different access modules in analog (FXS/FXO), digital (BRI/PRI ISDN) and GSM all on the same card. A PCM interconnection between berofix cards to enable hardware bridging for building mixed and high-density transparent Voice, Video, Data and Fax transmissions.

5 Minute Installation: It's Plug & Play!

berofix is OS independent and can be used for Linux/Unix Windows and MAC OS. This new advancement in technology incorporates a proprietary beroNet OS on the Baseboard which is automatically detected by your system as just a 'Network card'. All necessary drivers are automatically loaded by the host machine's OS.

Technical Details

- Codecs: G.723.1 and Annex A, G.729 a/b, G.726, G.711 u/a
- G.168/G.165 Echo Cancellation with Echo Path Change Detection, up to 128ms
- Voice Activity Detection / Comfort Noise Generation
- DTMF Digit Detection and Generation
- T.38 fax relay (v.27ter, V.29, and V.17)
- SIP User Agent IETF RFC3261 compliant
- SIP over UDP/TCP with optional TLS support (SIP signalling only)
- TDM bridging over 2 berofix devices through PCM bus interconnection, 8.192 kB/s
- PCI 2.2 compliant 3.3V (chipset Realtek 8139CL), also fits to 5V slot but 3.3V needed
- PCI express 1.1 compliant (chipset Realtek 8111C)
- Dimensions: 167 x 9,85 x 15mm
- Weight: 110g
- Operating temperature: 0-70°C
- Compliance: CE (EN55022, EN55024, EN60950)

Available Modules:

- 4 Port BRI Module (BF4S0)
- 1 Port PRI Module (BF1E1)
- 2 Port PRI Module (BF2E1)
- 4 Port FXO Module (BF4FXO)
- 2/2 Port BRI/FXS Hybrid Module (BF2S02FXS)
- 4 Port FXS Module (BF4FXS)
- 2 Port GSM Module (BF2GSM coming soon)

Accessories:

- • BFTAdapter
- • BFBridge (applied when only one Module is used)
- • BFPCM cable (to interconnect berofix Baseboards)
- • BFE1Cross, (1,8 m shielded, E1/T1 "cross-over" cable)
- • BF19Bracket: (19" rack Bracket for berofix boxes)