

Accessory catalogue for beronet SBCs and gateways

Modules & Accessories

Port modules for the modular line, accessories for all beronet devices.



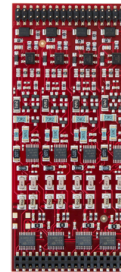
BNMO-4BRI
4 × BRI



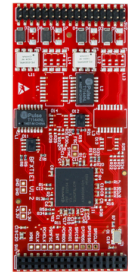
BNMO-2HYB
2 × BRI + 2 × FXS



BNMO-4FXS
4 × FXS



BNMO-4FXO
4 × FXO



BNMO-1PRI, -2PRI
1 or 2 × PRI T1/E1

- 6 module types: BRI, BRI/FXS, FXS, FXO, PRI T1/E1; 2 slots each in BNSBC-M and BNSBC-L
- Most devices with one module extend from 4 to 8 × RJ45 with an upgrade kit
- 19-inch brackets for all aluminium devices; BNSBC-M and BNSBC-L also two on 1 U
- Warranty extendable to 5 years in total; a 12 V power supply comes with every device

Modules

ARTICLE	INTERFACES	CHANNELS	CONNECTOR	FITS IN
BNMO-4BRI	4 × BRI High precision clock for DECT	8	BNSBCPLUG	BNSBC-M, BNSBC-L
BNMO-2HYB	2 × BRI + 2 × FXS	6	BNSBCPLUG	BNSBC-M, BNSBC-L
BNMO-4FXS	4 × FXS	4	BNSBCPLUG	BNSBC-M, BNSBC-L
BNMO-4FXO	4 × FXO	4	BNSBCPLUG	BNSBC-M, BNSBC-L
BNMO-1PRI	1 × PRI T1/E1 High precision clock for DECT	30 (E1)	BNSBCPLUGPRI	BNSBC-M, BNSBC-L
BNMO-2PRI	2 × PRI T1/E1 High precision clock for DECT	60 (E1)	BNSBCPLUGPRI	BNSBC-M, BNSBC-L

Channels: 2 B channels per BRI port, 30 per E1 port; the device limits the total to 16 (BNSBC-M) or 64 (BNSBC-L). BRI ports: TE or NT mode set in software.

Which module goes where

DEVICE	FREE SLOTS	AS SUPPLIED	EXPANSION	MAX. CHANNELS
BNSBC-M	2	No modules; 2 × BNSBCPLUG	Two modules; a PRI module needs BNSBCPLUGPRI	16
BNSBC-L	2	No modules; 1 × BNSBCPLUG, 1 × BNSBCPLUGPRI	One BRI, BRI/FXS, FXS or FXO module and one PRI module	64
BNSBC-M-4BRI, -2HYB, -4FXS, -4FXO	1	One module, 4 × RJ45, front panel	+1 module with BNSBCUPGRADEKIT, for PRI BNSBCUPGRADEKITPRI; then 8 × RJ45	16
BNSBC-L-4BRI, -1PRI, -2PRI	1	One module, 4 × RJ45, front panel	+1 module with BNSBCUPGRADEKIT, for PRI BNSBCUPGRADEKITPRI; then 8 × RJ45	64
BNSBC-M-8BRI, -8FXS	0	Two modules, 8 × RJ45	None, both slots in use	16
BNSBC-M-1PRI	1	One module, 4 × RJ45, front panel	None, all 16 channels in use	16
BNSBC-12FXS, -12FXO, VoLTE SBC, Small Business Line	–	Fixed configuration	Not modular; other LTE combinations built to order on request	–

Accessories and licences

ARTICLE	DESCRIPTION	KEY DATA	FITS
CONNECTOR BOARDS AND UPGRADE KITS			
BNSBCPLUG	Connector board 4 × RJ45 for one module, except PRI	4 × RJ45; included: 2 × with BNSBC-M, 1 × with BNSBC-L	BNMO-4BRI, -2HYB, -4FXS, -4FXO
BNSBCPLUGPRI	Connector board for one PRI module	Included: 1 × with BNSBC-L	BNMO-1PRI, -2PRI
BNSBCUPGRADEKIT	Upgrade kit for a second module: front panel and connector board	With BNSBCPLUG; then 8 instead of 4 × RJ45	BNSBC-M-2HYB, -4BRI, -4FXS, -4FXO, BNSBC-L-4BRI, -1PRI, -2PRI
BNSBCUPGRADEKITPRI	Upgrade kit for a second PRI module	With BNSBCPLUGPRI; then 8 instead of 4 × RJ45	BNSBC-M-2HYB, -4BRI, -4FXS, -4FXO, BNSBC-L-4BRI, -1PRI, -2PRI
MOUNTING			
BF19Bracket	19-inch mounting bracket for one device	Aluminium	M housing: BNSBC-M, BNSBC-L (Rev. 02/2025), ISDN and analogue models except 12FXS/12FXO, 2LTE, 4LTE, LTE hybrids
BF19BracketDBL	19-inch mounting bracket for two devices side by side, 1 U	Aluminium	BNSBC-M, BNSBC-L (Rev. 02/2025), ISDN and analogue models except 12FXS/12FXO
BNSBC19BracketL	19-inch mounting bracket for the wide housing	Aluminium	BNSBC-12FXS, -12FXO, BNSBC-M-6LTE
ANTENNAS			
BFANTLTES	Short LTE rod antenna	Included: 2 × with BNSBC-M-4LTE, 3 × with BNSBC-M-6LTE, 1 × with the other models	All VoLTE SBC models
BFANTLTE	LTE antenna with magnetic base and 5 m cable	Magnetic base, cable 5 m	All VoLTE SBC models
BFANTLTE10	LTE antenna with magnetic base and 10 m cable	Magnetic base, cable 10 m	All VoLTE SBC models
POWER SUPPLY			
BFPower	Power supply 12 V	90–264 V AC; 12 V DC, 2 A, 24 W; barrel plug 2.1 × 5.5 mm; cable 1.5 m; Euro plug; protection class II; operating 0 to 40 °C	All devices; one is included with each
CABLES			
BFFXXCableKit	Cable kit RJ45 to RJ11	4 cables, 3 m each; devices ship without them	Modules and devices with FXS or FXO ports
BF1E1Cross	E1/T1 cross-over cable	1.8 m, pinout 1-2-4-5; for PRI in NT mode	PRI modules and devices
LICENCES			
BNSBC-SESSION-TP-4...128	Licences for transparent SIP-to-SIP sessions	4, 8, 16, 32, 64 or 128 sessions	All devices of the Small Business Line and the modular line
BNSBC-SESSION-4/-8/-16	Licences for transcoded SIP-to-SIP sessions	4, 8 or 16 sessions; max. 8 transcoded, BNSBC-L models 16	-4/-8: all devices; -16: BNSBC-L models only
BNSBC-CODEC-G722-LTE	HD Voice licence: AMR-WB over LTE as G.722 on the SIP side	One licence per device	BNSBC-M-2LTE, -4LTE; other models on request
SERVICE			
BFExtendedWarranty_S/_M/_L	Warranty extension by 3 years to 5 years in total	Available within the 2-year standard warranty	All devices; tier S, M or L as in the family datasheet
beroCloud_Account	beroCloud account	1 device, 1 year; directly from beronet	All devices

Licences

Calls between the ISDN, analogue or LTE ports and SIP need no session licence; only SIP-to-SIP sessions are licensed. Each licence applies to one device and is issued for its serial number.

HD Voice: licence BNSBC-CODEC-G722-LTE for BNSBC-M-2LTE and -4LTE, other models on request. With the licence the LTE ports use G.722 only, without G.711, for up to 4 HD channels.