NXG - 32V
NXG - 16V
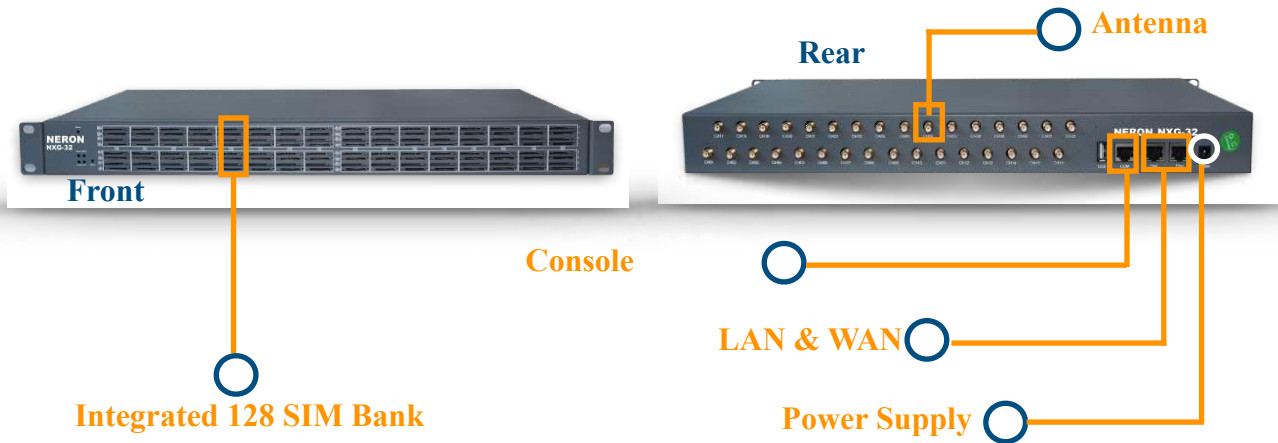**NXG - 08V**

VoLTE
FXS/FXO
PRI/E1

NXG Series

VoIP Gateway

NXG Series

VoLTE Gateway

NXG Series VoIP Gateways are multi-functional interface gateway designed to empower   VoLTE & GSM technology with the blend of SIP-PBX. Featured with integrated SimBank, NXG Series Gateways deliver telco grade solution and telephony features to enterprise and SMB. SIP Server call survival and inbuilt router function add more value addition during production hours and reduce downtime due to network or SIP server failure. Innovative product line fully complied for Work From Home solution such as VPN , Parallel Call Recording, remote call Recording, CDR, SIP Trunk Connectivity , IVR manager…etc.

WebSocket API / Events is one of the power tool inbuilt for 3rd party CRM integration or offers option to develop own GUI for monitoring and management .

Antenna

Rear

Front

Console

LAN & WAN

Integrated 128 SIM Bank

Power Supply

- ◆ VoLTE Gateway
- ◆ Call Recording
- ◆ Call Survivability
- ◆ SMS IN/OUT
- ◆ VPN

- ◆ Inbuilt IP-PBX
- ◆ WebSocket API
- ◆ Router Features inbuilt
- ◆ ACD & Call Queue
- ◆ HD Voice Quality

- ◆ Integrated 1:4 SIM Bank
- ◆ CDR Reports
- ◆ WFH Complied
- ◆ IVR Manager
- ◆ Any to Any Call Routing

Part Code	Telco Interface	Channel	SIM Slot	PBX User	Call Rec.	Router	API
NXG - 32 V	32 VoLTE/GSM	60	128	200	YES	YES	WebSocket
NXG - 16 V	16 VoLTE/GSM	30	64	100	YES	YES	WebSocket
NXG - 08 V	8 VoLTE/GSM	15	32	50	YES	YES	WebSocket

Neron Informatics Pvt Ltd

NXG Series

VoLTE Gateway

Telephony Features :

SIP Intercom , IVR ,VoiceMail
SMS to EMAIL, DISA, Paging, ACD
Ring Group ,Call Conference , MoH
Video call,Call Recording , Call Hold,
Transfer, Park , Call Routing, CDR
Call Queue, SIP Trunk , WebSocket API,
SMS IN/OUT, USSD , Call Barge
Call Monitor , Caller ID , Call Waiting,
Call Forward,Three-way Calling,
VideoCall, Remote Call Pickup…..etc

Wireless Frequency

FDD LTE: B1/B3
TDD LTE: B38/B39/B40/B41
TDSCDMA: B34/B39
CDMA2000 1x/EVDO: BC0
GSM: 900/1800MHz

Operating Temperature:

Operating: 32 ~ 104ºF / 0 ~ 40ºC,
10 ~ 90% (non-condensing)
Storage: 14 ~ 140ºF / -10 ~ 60ºC

Power Supply :12V / 3A PSU

SIP/Voice Processing :

SIP V2.0, RFC3261, SDP RFC2327
RTP/RTCP RFC3551, CNG , VAD,
AGC, CPT, DTMF Signal RFC2833,
RFC4733, 128ms Echo Cancellation,
Dynamic Jitter Buffer, Silence
Suppression, SIP INFO,STUN, DNS
SRV/A query, RBT

Voice/Video Codec :

G.711A, G.711U, G.729 A/B
G.723, G.722, H263, H264,
GSM , iLBC,Speech Codec
Modes : HR, FR, EFR, AMR,
AMR-WB

Network Protocol :

NAT Router, DHCP Client or Server,
PPPoE, HTTP, HTTPS, TCP / UDP,
TFTP, FTP, Telnet, ARP, RARP, RTP/
RTCP, SSH, ICMP

Compliance :CE /FC / RoHS

Management :

HTTPS Web GUI , Reverse NAT, Backup /
Restore, Ping, Tracert , Auto Provisioning,
Firmware upload HTTP/S, Factory Reset ,
PCAP , AT Log , Syslog , GSM / VoLTE
Call Test

Physical Interface :

2x Ethernet- 10/100 LAN/WAN
1x USB, 1x RJ45 Consol
32x Antenna Connector
1x Reset Button
LED Status Indicator
128 SIM card Slot

Dimension & Weight :

Dimension : 440×44×200mm
Weight : 3.7 Kg
Package Weight : 6 Kg.

Encryption & Security :

SRTP, TLS, HTTPS, SSH, NAT
Firewall, White/Block List , Session
Timer, ACL, VPN

Neron Informatics is   Leading VoIP & Unified Communication Products manufacturer   under banner of   "Make In India" . Startup Certified (DIPP) and focused on research & Innovation , Neron offers global standard Embedded SIP-PBX , VoIP Gateway and Telephony application software for SoHO, SME, SMB and Enterprise communication requirements. Recognised as a fastest growing brand in unified communication (URS) and winner of Aegis Graham bell award 2017 "Innovation In Green Telecom" our products address core challenge area in telephony solution with flexibility and reliability.

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INFORMATICS PVT. LTD.

Authorized Distributor of Neron Products
Teen Telecommunication Pvt. Ltd.