NEOX N303G Entry Level IP Phone

NEOX N303G is an entry level Gigabit color screen SIP phone with high performance specially for enterprise. It features a 2.4-inch 320x240 pixel color screen, supporting 4 SIP lines and local 6-way audio conference to render a user-friendly experience. NEOX N303G has rich functions such as HD audio, dual 10/100/1000 Mbps network ports and integrated PoE, providing an efficient and high-quality business communication experience for enterprises.

Highlights

- 2.4-inch 320x240 pixel color display
- Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- Support 6-way audio conference
- Support EHS wireless headset
- Dual10/100/1000 Mbps network ports, integrated PoE
- Two installation methods of desktop stand and wall mountable

Generic

- 4 SIP Lines
- HD Voice
- PoE Enabled
- 2.4-inch color screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall mountable (optional)
- Optional External Power Supply

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Phone Features

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- uaCSTA

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/ HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode:IPv4
- IP Configuration: Static / DHCP
- Network Access Control: 802.1x
- VPN: OpenVPN (Requires third-party app support)
- VLAN
- LLDP

Call Features

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call
- Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)

- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (with server)
- 6-way Audio Conference
- Hot Line
- Hot Desking

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) /Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- Layer 2 QoS(802.1Q,802.1P)
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Physical Specifications

- LCD: 2.4-Inch (320x240) Color Screen
- Keypad: 36 keys, including
    - 4 Soft-keys
    - 9 Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)
    - 4 Navigation keys
    - 1 OK key
    - 12 Standard Phone Digits keys
    - 3 Volume Control keys (Up/Down/Mute (Microphone))
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Desktop stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Security Slot x1

- DC Power Input: 5V/0.6A
- Power over Ethernet (IEEE 802.3af) class 1
- Power Consumption (Adapter): 0.84~1.43W
- Power Consumption (PoE): 1.32~2.09W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
    - Desktop Stand
    - Wall mountable (optional)
- Color: Black
- N.W/CTN: 8.55kg
- G.W/CTN: 9.26kg
- Device Dimensions:
    - Desktop Stand (45°): 169x201.1x177.4 mm
    - Desktop Stand (50°): 169x191.9x185.8 mm
    - Wall mountable: 169x120.1x213.7 mm
- Gift Box Dimensions: 250x220x55mm
- Outer CTN Dimensions: 460x300x270mm (10 PCS)

About Sterlite technologies:

STL is a leading global optical and digital solutions company providing advanced o erings to build 5G, Rural, FTTx, Enterprise, and Data Centre networks. The company, driven by its purpose of 'Transforming Billions of Lives by Connecting the World', designs and manufactures in 4 continents with customers in more than 100 countries. Telecom operators, cloud companies, citizen networks, and large enterprises recognise and rely on STL for advanced capabilities in Optical Connectivity, Global Services, and Digital and Technology solutions to build ubiquitous and future-ready digital networks. STL's business goals are driven by customer-centricity, R&D and sustainability. Championing sustainable manufacturing, the company has committed to achieving Net Zero emissions by 2030.