

NRP1212G/P Enterprise IP Phone



Model	Screen	Network	PoE	Power adapter
NRP1212G/P	2.8" color screen	10/100/1000Mbps	✓	Optional

NRP1212G/P is an entry-level color screen IP Phone. Coupled with all the necessary VoIP features at an affordable price, it provides the high-quality and convenient experience for users.

Highlights

- 6 SIP lines, 3-way conference, SIP hotspot
- 1000 local phonebook, caller ID, call hold, call transfer
- HD audio on speakerphone and handset
- Opus voice: can handle a variety of audio applications, including IP voice, multiparty conference, etc.
- Support EHS wireless headset
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 45 and 50 degrees
- Plug and play (working with New Rock IP-PBX)
- Compatible with mainstream IP-PBX and SIP platforms
- Unified management by New Rock UMS management system

NRP1212G/P Technical Specifications

Generic

- 6 SIP lines
- HD voice
- PoE enabled
- 2.8-inch color screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- Optional external power supply

Phone Functions

- Local phonebook (1000 entries)
- Remote phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Black/White list call filter
- Screen saver
- Voice message waiting indication (VMWI)
- Programmable soft keys
- Network time synchronization
- Support wireless headset
- Support Recording (through server)
- Action URL/Active URI
- uaCSTA

Call Functions

- Call out / Answer / Reject
- Mute / Unmute(microphone)
- Call hold / resume
- Call waiting
- Intercom
- Caller ID display
- 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)
- 3-way conference
- Hot line
- Hot desking

Audio

- HD voice with microphone/speaker (handset/hands-free, 0 ~ 7KHz frequency response)
- Wideband ADC/DAC 16KHz Sampling

- Narrowband codec: G.711a/u, G.726-32K, G.729A, 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)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, out-of-band DTMF-Relay (RFC2833)/SIP INFO

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP address configuration: static IP address/DHCP/PPPoE
- Network access control: 802.1x
- VPN: L2TP/OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP Option66/SIP PNP/TR-069
- New Rock UMS management system
- Web management portal
- Web-based packet-dump
- Configuration file export/import
- Phonebook import/export
- Firmware upgrade

- Syslog

Physical Specifications

- LCD : 2.8-inch (320x240) Color Screen
- Keypad: 31 keys, including
 - 4 soft-keys
 - 4 function keys (phonebook, MWI, headset, redial)
 - 4 navigation keys
 - 2 line keys (with LED indicator)
 - 1 OK key
 - 12 standard phone digit keys
 - 3 volume control keys (Up/Down/Mute(Microphone))
 - 1 hands-free key
- HD handset (RJ9) ×1
- Standard RJ9 handset wire ×1
- 1.5M CAT5 Ethernet Cable ×1
- Back rack ×1
- Status indicator light ×1 (Red)
- RJ9 port ×2: Handset ×1, Headset ×1
- RJ45 port ×2: network ×1, PC ×1 (bridged to network)
- Safety Keyhole ×1
- DC Power Input: 5V/0.6A
- Power consumption: idle 0.9~1.65W, peak 1.8~2.95W
- Working temperature: 0~45°C
- Working humidity: 10~90%
- Installation:
 - Desktop stand
 - Wall-mounted (need an additional wall hanging parts)
- Color: black
- Device dimensions:
 - Desktop stand (Angle 1): 181×175.75×184.4 mm
 - Desktop stand (Angle 2): 181×175.85×185.1 mm
 - Wall-mounted: 181×115.43×208.75 mm
- Gift box dimensions: 283×210×82 mm
- Outer CTN dimensions: 440×435×304 mm (10 PCS)