

# 5G AX1800 Wi-Fi6 Telephony Router

MODEL:NX220v



## Overview

The NX220v supports the 5G, which used carrier aggregation technology to boost the data speeds of up to 4.67 Gbps. Plug your SIM card and enjoy HD movies without interruption, downloading files in seconds, and smooth online gaming.



### Unrivaled Speed with 5G

Bring enhanced capacity, ultra-fast connections, and has ultra-low latency with only 1 ms.



### High-Speed Internet Access

Support 1000Mbps WAN/LAN port and two 1000Mbps LAN port, for ultrafast data transfer speeds.



### Fast Wireless Connection

Upgrade to 6th generation Wi-Fi, 574Mbps at 2.4GHz + 1201 Mbps at 5GHz dual band.



### Easy Remote Management

Support TR-069/181/111/143 protocols, enabling ISPs to remotely configure and manage end-user devices.

## Features



### Boost Your 5G Speed

Take advantage of your advanced 5G network with download speeds up to 4.67 Gbps. Share your 5G network with multiple Wi-Fi devices and enjoy uninterrupted Ultra HD movies, blazingly fast file downloads, and smooth video chats and video conferences.



### VoLTE/VoNR Telephony

With 1 Voice port, users can make or receive phone calls over the internet simply by connecting the device to their existing telephone set.



### Support EasyMesh

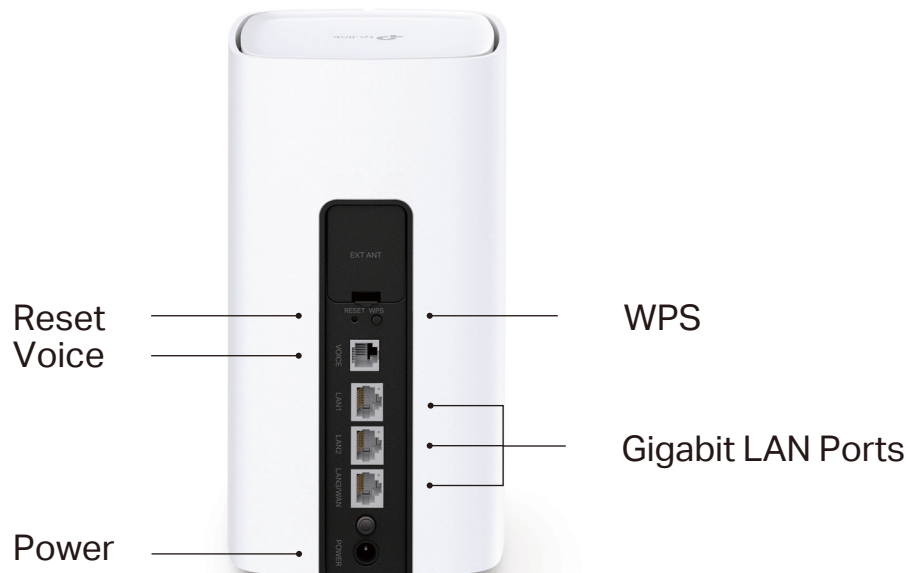
Co-work with EasyMesh products, to provide a more flexible and cost-effective Mesh network with a single Wi-Fi name for seamless whole-home coverage.



### Fully Gigabit Ports for Consummate Connectivity

Fully gigabit Ethernet ports provide warp speeds and reliable connections for high-intensive wired devices such as your smart TV, game console, NAS, and more.

## Hardware Description



# Specifications

## Hardware

- **Interface**  
3× 10/100/1000 Mbps RJ45 LAN Ports  
(1× port for WAN/LAN auto-sensing)
- **Antenna**  
Internal Wi-Fi antennas,  
Optional internal/external LTE/5G NR antennas
- **External Power Supply**  
Output: 12V/2A  
Input: 100-240V~50-60Hz 0.6A
- **Dimensions (W \* D \* H)**  
3.9 × 3.9 × 7.5 in (99 × 99 × 190 mm)
- **CPU**  
2 GHz Quad-Core CPU
- **Button**  
1× RESET/WiFi multiplex button & 1 WPS button

## Wireless

- **5G**  
N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78  
(2100/1800/850/2600/900/800/700/2600/2300/  
2500/3700/3500 MHz)
- **4G**  
FDD-LTE:  
B1/B3/B5/B7/B8/B20/B28/B32(2100/1800/850/2600/900/800/  
/700/1500 MHz)  
TDD-LTE:  
B38/B40/B41/B42/B43(2600/2300/2500/3500/3700 MHz)
- **3G**  
DC-HSDPA/HSPA+/HSPA/UMTS B1/B5/B8 (2100/850/900 MHz)
- **Wireless Standards**  
IEEE 802.11a/n/ac/ax 5 GHz,  
IEEE 802.11b/g/n/ax 2.4 GHz
- **Frequency**  
2.4 GHz and 5 GHz
- **Signal Rate**  
574 Mbps on 2.4 GHz, 1201 Mbps on 5 GHz
- **Transmit Power**  
CE: ≤20 dBm (2.4 GHz), ≤23 dBm (5 GHz Band1&2),  
≤30 dBm (5 GHz Band3)
- **Wireless Security**  
WPA/WPA2-PSK/WPA3 encryption

## Software

- **Working Mode**  
3G/4G/5G Wi-Fi Router
- **WAN Type**  
3G/4G/5G/Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- **Protocols**  
Supports IPv4 and IPv6
- **Multi SSID**  
1× 2.4 GHz Guest Network, 1× 5 GHz Guest Network
- **Features**  
Parental Controls, QoS (Quality of Service), Anti-virus,  
Address Reservation, Port Forwarding, TP-Link DDNS, IPTV,  
IPv6, LED Control, Optional Ethernet backhaul, 1024-QAM,  
MU-MIMO, OFDMA, IPSEC VPN, WEB Remote Control

## Others

- **System Requirements**  
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows  
7, 8, 8.1, 10, MAC OS, NetWare, UNIX or Linux Internet  
Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0 browsers or  
higher.
- **Certification**  
CE, RoHS
- **Environment**  
Operating Temperature: 0°C~40°C (32°F ~104°F)  
Storage Temperature: -40°C~60°C (-40°F ~140°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing
- **Package Contents**  
5G AX1800 Wi-Fi 6 Telephony Router NX220v  
1× RJ45 Ethernet Cable  
1× RJ11 Telephone cable  
1× Power Adapter  
1× Quick Installation Guide