

# 5G AX3000 Wi-Fi6 Telephony Router

MODEL:NX510v



## Overview

The NX510v supports the 5G, which used carrier aggregation technology to boost the data speeds of up to 3.2 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 + 2402Mbps 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 3.2 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/CSFB 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

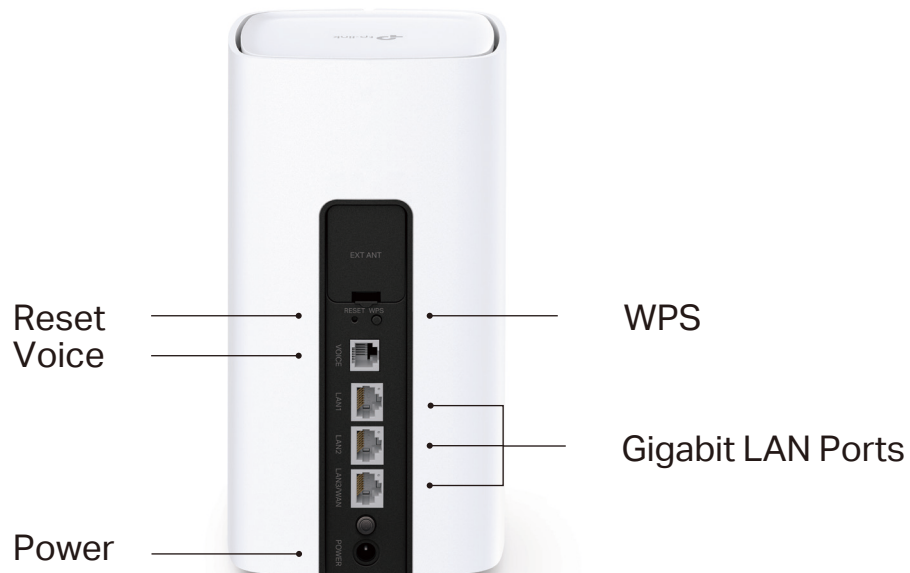
Co-work with EasyMesh products, to provide a more flexible and cost-effective Mesh network with a single Wi-Fi name for seamless whole-home coverage.



### 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 WIFI antennas; optional Internal/external wifi/5G antennas
- **External Power Supply**  
Output: 12V/2A  
Input: 100-240V~50-60Hz 0.8A
- **Dimensions (W \* D \* H)**  
3.9 × 3.9 × 7.56 in (99 × 99 × 192mm)
- **CPU**  
1 GHz Dual-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
- **4G**  
FDD-LTE: B1/B3/B5/B7/B8/B20/B28  
TDD-LTE: B38/B40/B41/B42/B43
- **3G**  
DC-HSDPA, HSPA+, HSDPA, HSUPA, WCDMA B1/B5/B8
- **Wireless Standards**  
IEEE 802.11a/n/ac/ax 5GHz,  
IEEE 802.11b/g/n/ax 2.4GHz
- **Frequency**  
2.4 GHz and 5 GHz
- **Signal Rate**  
574Mbps at 2.4GHz, 2402Mbps at 5GHz
- **Transmit Power**  
CE: ≤20 dBm (2.4GHz), ≤23 dBm (5GHz)  
RCM: ≤30 dBm (2.4GHz), ≤29 dBm (5GHz)
- **Wireless Security**  
WPA/WPA2-PSK/WPA3 encryption
- **Mesh Protocol**  
802.11k/v/r, support EasyMesh

## Software

- **Working Mode**  
5G wireless Router, Access Point
- **WAN Type**  
Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- **Protocols**  
Supports IPv4 and IPv6
- **Multi SSID**  
3 more 2.4GHz/5GHz Network
- **Features**  
Parental Controls, QoS (Quality of Service), Address Reservation, Port Forwarding, Dynamic DDNS, SIM Management, SMS, Cloud Upgrade, EasyMesh, VoLTE, IPTV, IPv6, NAT Forwarding, Firewall, LED Control, Network Diagnostic, CWMP, SNMP, Traffic Statistic, WPS, 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~70°C (-40°F~158°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing
- **Package Contents**  
5G AX3000 Wifi6 Telephony Router NX510v  
1 RJ45 Ethernet Cable  
1 Power Adapter  
1 RJ11 Cable  
1 Quick Installation Guide