tp-link | Aginet

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.

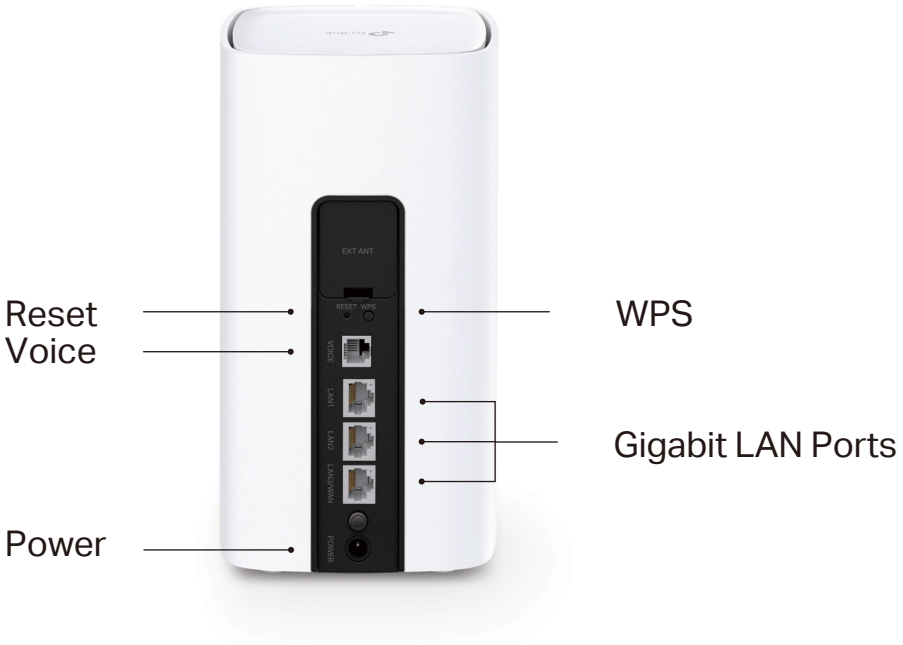
Support EasyMesh

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

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 Diagnosics, CWMP, SNMP, Traffic Statistics, WPS,1024-QAM, MU-MIMO, OFDMA, IPSEC VPN, WEB Remote Control

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

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 browser 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