

TOTO LINK

The Smartest Network Device

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NR1800X

➤ Overview

5G Wi-Fi6 Wireless CPE

Model No. **NR1800X**

NR1800X is an excellent 5G NR indoor Wi-Fi & SIP CPE designed to enable quick and easy NR fixed data service deployment for home and office. It can be compatible with the 4G LTE band. With powerful dual-core CPU and Qualcomm's Snapdragon X55 5G NR chipset, it provides high speed LAN and Wi-Fi integrated services to end users who need both bandwidth and multi-media data service in enterprise or at home. The built-in high gain multi-polarized antenna enables a longer reception range from the base station. With excellent and elegant design, NR1800X is a piece of art at your home, which could be the best choice for you to experience high-speed network.

➤ Features

- Complies with the next generation 3GPP Release 15 NSA/SA operation 5G NR technology and the next generation Wi-Fi 6 (IEEE 802.11ax) standard
- 5G NR 5G NR transmission rate is 10X faster than the 4G CAT4 rate.
- 1,201Mbps on 5GHz and 573.5Mbps on 2.4GHz band provides total 1,774.5Mbps simultaneously.
- Middle power design on both bands is perfect for long distance wireless transmission.
- Portable 5G/4G Wi-Fi Hotspot brings great convenience to users.
- Plug an Ethernet cable into the LAN/WAN port for flexible access as a backup option if you can't get a 4G connection.
- MU-MIMO technology allows data transmission to multiple devices at the same time.
- Three gigabit ports ensure high speed wired and wireless connection.
- Intuitive Web UI and APP ensures quick and simple installation.
- OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.
- TWT (Target Wake Time) technology reduces your devices' power consumption to extend their battery life.
- Support Max.128 devices simultaneously.



Specification

Hardware

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|------------------------|---|
| Interface | - 2*1000Mbps LAN Ports - 1*1000Mbps WAN Port |
| Power Supply | - 12V DC/2A |
| Antenna | - 2 * external dual band Wi-Fi +5G/4G antennas - 2* external 5G/4G antennas |
| Button | - 1*Reset/WPS - 1*DC/IN |
| LED Indicators | - 1 *SYS(Orange) - 1 *5G/4G Status(Blue/orange) - 1 *5G/4G signal(Blue/orange) |
| Dimensions (L x W x H) | - 110 x 110 x 225mm(not include the antennas) |

Wireless

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|-----------------------|---|
| Standards | - IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n, - IEEE 802.11g, IEEE 802.11b, IEEE 802.11a |
| RF Frequency | - 2.4~2.4835GHz - 5.18~5.825GHz |
| Data Rate | - 2.4GHz: Up to 574Mbps (2*2 40MHz) - 5GHz: Up to 1201Mbps (2*2 80MHz) |
| EIRP | - 2.4GHz < 22dBm - 5GHz < 20dBm |
| Wireless Security | - 64/128-bit WEP, WPA, WPA2 and WPA-Mixed - WPA3 |
| Reception Sensitivity | - 2.4G: 11b: <-85dbm; 11g: <-72dbm; 11n: HT20<-68dbm HT40: <-65dbm - 5G: 11a:<-72dbm; 11n: HT20<-68dbm HT40: <-65dbm 11ac: <-55dbm 11ax VHT80 : <-46dbm 11ax VHT160 : <-43dbm |

5G NR

| | |
|---|---|
| 5G NR chip (M.2, optional, customizable) | - Qualcomm X55 |
| 5G NR Band | - 5G NR: N41/N77/N78/N79 |
| LTE Network Type and Band | - 4G: LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28 LTE-TDD: B34/B38/B39/B40/B41/B42/B43 |

Specification

5G NR

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|----------|--|
| Home | - Quick Setup - Basic setup - Advanced setup - Logout - Reboot |
| Network | - WAN Setting - LAN Setting - IP/MAC Binding - DDNS Setting - IPTV Setting - IPv6 |
| WAN Type | - Static IP, DHCP, PPPoE, 5G/4G |
| Wireless | - Basic setup - Parental Control |
| QoS | - Up/Down speed control on WAN, Bandwidth control based on IP address |
| Security | - MAC Filtering - IP/Port Filtering - URL Filtering |
| NAT | - Virtual Server(Port Forwarding) - DMZ - VPN passthrough |
| Tools | - Upgrade Firmware - Time Setup - Remote management - Password Settings - Reboot Schedule - System Log and so on |

Others

| | |
|------------------|---|
| Package Contents | - 5G Wi-Fi6 Wireless CPE - Quick Installation Guide - Power Adapter - Ethernet Cable - Micro/Nano to Standard SIM Card Adapter |
| Environment | - Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 5%~95% non-condensing - Storage Humidity: 5%~95% non-condensing |

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