

5G06

AX3000 Wi-Fi 6 5G NR Router

Hardware Specifications
Cellular Technologies
5G NR 3GPP
4G Category
5G NR Peak Download Speed
5G NR Peak Upload Speed
NR Frequency Band
CA combination
5G NR Download MIMO
5G NR Modulation
Wireless Connectivity
Wi-Fi speed
Wi-Fi standards
Wi-Fi frequency
Wi-Fi transmit Power
Ethernet Ports
SIM Card
Button
Antennas and Ports

LED indicators
Dimensions (L*W*H)
Weight
Power supply
Software Specifications
WAN Type
5G/4G Features
Wi-Fi functions
Wi-Fi security

Software features

Working Environment

Temperature

Humidity

Package lists

In the Box

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5G/4G/3G Multi-Mode, 5G NR SA/NSA, 4G FDD/TDD LTE, 3G WCDMA
Release 15
DL : Cat18 , UL : Cat19
SA: 4.67 Gbps, NSA: 3.74Gbps
SA: 1.25 Gbps, NSA: 1.46Gbps
5G:n1,n3,n5,n7,n8,n20,n28,n38,n40,n41,n71,n77,n78 4G:B1,B3,B5,B7,B8,B20,B28,B32,B38,B40,B41,B42,B43
5G NR:2CC; 5G EN_DC: 5CC
n1/n3/n7/n38/n41/n77/n78 4*4 MIMO
256QAM
Wi-Fi 6
574Mbps on 2.4 GHz ; 2402Mbps on 5 GHz
802.11b/g/n, 802.11ac, 802.11AX
2.4GHz, 5GHz
2.4GHz: up to 20dBm ; 5GHz: up to 23dBm
1 × 10/100/1000/2500 Mbps LAN/WAN Port 1 × 10/100/1000 Mbps LAN Port
2 × Nano-SIM(4FF) Card Slots
1 × SIM Selection 1 × RST hole 1 × Mesh
8 × Internal 5G/4G Antennas 3 × Internal Wi-Fi Antennas 2 × External TS 9 antenna ports (Optimized for 5G n77/n78)

1 × Internet indicator
1 × 5G/4G signal
1 × Wi-Fi indicator

92*118.5*196mm

Net weight: 500 grams
Gross Weight: 860 grams

Power adapter: Input power AC 100V-240V 50/60Hz
Output power: DC 12V==2A

4G/5G or Wired

Auto-APN
5G SA/NSA dual mode
Auto dial-up
5G Location optimization
5G/4G E-UTRAN New Radio – Dual Connectivity
Roaming
SMS(Send/Receive/Delete)
USSD
Data limited
PIN Management

Broadcast and Hide Wi-Fi name
Priority 5GHz Wi-Fi
Guest network
Wi-Fi schedule
OFDMA
MU-MIMO
WPS

WPA2/WPA3, WPA/WPA2, WPA2-PSK, WPA-PSK, WEP

Tenda XMesh
Parental control
DHCP(DHCP Server and Client)
Virtual Server(UPnP/DMZ/Port Forwarding)
DDNS(DynDns, 88ip)
VPN(PPTP Client/L2TP Client/PPTP Server/IPSEC)
Firewall
QOS
Upgrade firmware from local or OTA
IPV4/IPV6 dual stack
Local/remote management/APP
TR069

Operating Temperature: 0 ~40
Storage Temperature: -30°C~70°C
°C °C

Operating Humidity: 10% ~ 90% RH Non-condensing
Storage Humidity: 5% ~ 90% RH Non-condensing

1 * 5G NR Router
1 * Ethernet cable
1 * Power adapter
1 * User Guide