



All for better networking.

5G06

AX3000 Wi-Fi 6 5G NR Router



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The 5G06 supports 5G NR download speeds up to 4.67 Gbps and upload speeds up to 1.46 Gbps. It delivers high-speed dual-band Wi-Fi with up to 2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz. With Tenda Mesh technology, multiple routers can form a seamless network without configuration. Dual SIM slots and WAN failover ensure continuous internet access, delivering smoother experiences for HD streaming, video calls, and remote meetings.

Main Features



Ultra-Fast 5G, Up to 4.67Gbps

Featuring a 7nm quad-core 2GHz high-performance chipset and 8 cellular antennas with 4x4MIMO, 2-CC aggregation, ensuring 5G up to 4.67Gbps, smooth HD live streaming experience, video calls and AR/VR.



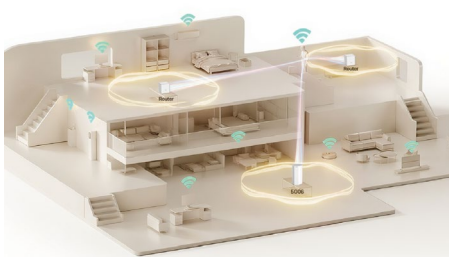
One Nano SIM Card, Plug and Play

Built-in dial-up parameters for nearly 400 global 5G operators, simply insert a 5G/4G nano SIM card and connect the power, you can immediately enjoy stable and high-speed Wi-Fi.



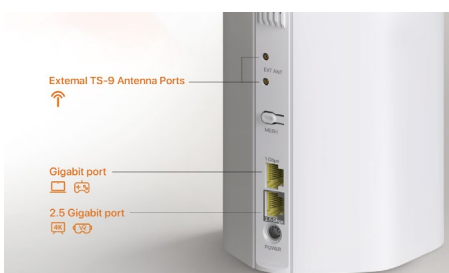
Ultra Strong Wi-Fi Whole-home Coverage

Equipped with Wi-Fi 6 technology and three high-gain Wi-Fi antennas, the 5G06 router delivers Wi-Fi speeds of up to 2976Mbps. A single unit can cover an area of 120m² and support stable connections for over 160 devices providing a whole new network experience.



One-click Mesh Networking for Larger House

For larger houses, Tenda Mesh technology provides flexible and cost-effective Wi-Fi expansion, ensuring seamless whole-home coverage with one single Wi-Fi name.



Versatile Ports for Better Connectivity

5G06 features a 2.5G port to support high-speed wired devices. When set up as a wireless router, it offers WAN and 4G/5G failover backup to ensure a stable internet connection. Additionally, two external antenna ports enhance the reception of 4G/5G signals for improved performance.

Hardware Specifications	
Cellular Technologies	5G/4G/3G Multi-Mode, 5G NR SA/NSA, 4G FDD/TDD LTE, 3G WCDMA
5G NR 3GPP	Release 15
4G Category	DL: Cat18, UL: Cat19
5G NR Peak Download Speed	SA: 4.67 Gbps, NSA: 3.74Gbps
5G NR Peak Upload Speed	SA: 1.25 Gbps, NSA: 1.46Gbps
NR Frequency Band	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
CA combination	5G NR:2CC; 5G EN_DC: 5CC
5G NR Download MIMO	n1/n3/n7/n38/n41/n77/n78 4*4 MIMO
5G NR Modulation	256QAM
Wireless Connectivity	Wi-Fi 6
Wi-Fi speed	574Mbps on 2.4 GHz ; 2402Mbps on 5 GHz
Wi-Fi standards	802.11b/g/n, 802.11ac, 802.11AX
Wi-Fi frequency	2.4GHz, 5GHz
Wi-Fi transmit Power	2.4GHz: up to 20dBm ; 5GHz: up to 23dBm
Ethernet Ports	1 × 10/100/1000/2500 Mbps LAN/WAN Port 1 × 10/100/1000 Mbps LAN Port
SIM Card	2 × Nano-SIM(4FF) Card Slots
Button	1 × SIM Selection 1 × RST hole 1 × Mesh
Antennas and Ports	8 × Internal 5G/4G Antennas; 3 × Internal Wi-Fi Antennas; 2 × TS-9 antennas ports
LED indicators	1 × Internet indicator 1 × 5G/4G signal 1 × Wi-Fi indicator
Dimensions (L*W*H)	92*118.5*196mm
Weight	Net weight: 500 grams Gross Weight: 860 grams

Power supply	Power adapter: Input power AC 100V-240V 50/60Hz Output power: DC 12V==2A
Software Specifications	
WAN Type	4G/5G or Wired
5G/4G Features	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
Wi-Fi functions	Broadcast and Hide Wi-Fi name Priority 5GHz Wi-Fi Guest network Wi-Fi schedule OFDMA MU-MIMO WPS
Wi-Fi security	WPA2/WPA3, WPA/WPA2, WPA2-PSK, WPA-PSK, WEP
Software features	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
Working Environment	
Temperature	Operating Temperature: 0°C~40°C Storage Temperature: -30°C~70°C
Humidity	Operating Humidity: 10% ~ 90% RH Non-condensing Storage Humidity: 5% ~ 90% RH Non-condensing
Package lists	
In the Box	1 * 5G NR Router 1 * Ethernet cable 1 * Power adapter 1 * User Guide

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