

***Tenda***



All for better networking.

# TX9 Pro

AX3000 Dual Band Gigabit Wi-Fi 6 Router



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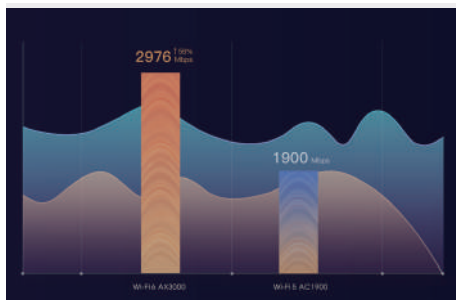
# TX9 Pro

## AX3000 Dual Band Gigabit Wi-Fi 6 Router

### Products Description

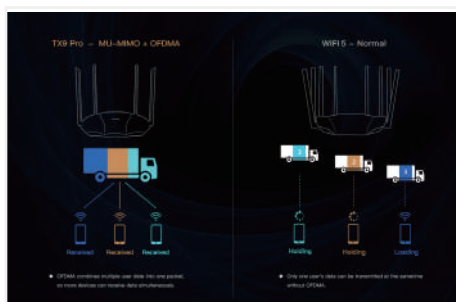
TX9 Pro is an AX3000 Wi-Fi 6 router with the dual-band concurrency rate up to 2976Mbps (2.4GHz:574Mbps, 5GHz:2402Mbps). It's equipped with dual-core 1.6GHz CPU, providing powerful processing capacity and more stable operation. TX9 Pro 2.4GHz & 5GHz adopt external FEM design simultaneously to improve spectrum utilization and communication efficiency. By using OFDMA+MU-MIMO technology, the delay is reduced, more devices can be connected to the Internet at the same time and the transmission efficiency is significantly improved.

## Selling Points



### AX3000 for Ultra-Fast Transmission Speed

TX9 Pro is a Dual-band Wi-Fi 6 router that provides 160MHz bandwidth and 1024-QAM for ultra fast wireless connection. With a total networking speed of 2976Mbps — 574Mbps on the 2.4GHz band and 2402Mbps on the 5GHz band.



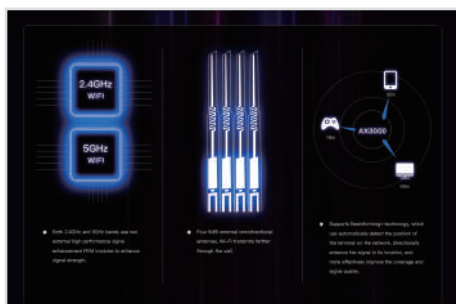
### Minimize Lag for a better smart products experience

With the innovative combination of OFDMA + MU-MIMO, 802.11ax technology provides greater network capacity and efficiency in congested environments than Wi-Fi 5. OFDMA divides each channel into small sub-channels, allowing signals from multiple appliances to be bundled together and transmitted simultaneously, reducing latency for a smoother Wi-Fi experience.



### 1.6GHz Dual-Core Processor Provides Faster and More Stable Wi-Fi experiences

Equipped with 1.6GHz high performance Dual-core processor, the operating capacity reaches up to 3000 DMIPS, and NPU processing speed reaches 2220 MHZ, which improves network load capacity, responds faster and more stable.



### " Four Plus Four " Makes Full Wi-Fi Coverage

Four FEM Modules with the independent signal amplification work with four 6dBi external omnidirectional dual-band antennas for wider Wi-Fi coverage.



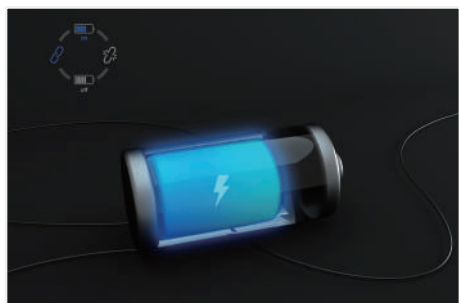
### BSS Coloring Reduces Interference and Improves Efficiency

Supporting BSS coloring technology, TX9 Pro effectively alleviates co-frequency interference, improves spectrum utilization and communication efficiency.



### IPv6 Supported

Compared with IPv4 protocol, IPv6 has a large number of IP addresses. Unordered Internet access through address translation can shorten the data transmission time between Internet devices and servers.



### TWT Extends Battery Life of Connected Devices

TWT (Target Wake-up Time technology) can effectively reduce the power consumption of terminal equipment and greatly extend its battery life.



### The Next-Gen Security Protocol WPA3

The TX9 Pro carries a new generation of Wi-Fi security standard WPA3, which increases the difficulty of algorithmic and network password cracking to prevent forced-attacks, violent cracking.

# Technical Specifications

## Hardware Specifications

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Standard&Protocol | IEEE802.3, IEEE802.3u, IEEE802.3ab                          |
| Interface         | 10/100/1000Mbps WAN port*1;<br>10/100/1000Mbps LAN ports*3; |
| Antenna           | 4*6dbi external antennas                                    |
| Button            | 1*WPS/Reset button                                          |
| Power             | Output:DC 12V1.5A                                           |
| LED               | 1*LED                                                       |
| Dimension         | (L*W*H)272.44x162.85x43.71mm                                |

## Wireless Function

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Wireless Standard | 802.11b/g/n/a/ac/ax                                                  |
| Data Rate         | 5GHz:2402Mbps<br>2.4GHz:574Mbps                                      |
| Frequency         | 2.4GHz & 5GHz                                                        |
| Wireless Security | WPA-PSK<br>WPA2-PSK<br>WPA/WPA2-PSK<br>WPA3-SAE<br>WPA3-SAE/WPA2-PSK |

## Software Function

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internet Connection Type | PPPOE Dynamic IP, static IP                                                                                                                                                                                                                                                                                                                                                                                            |
| Operating Mode           | Wireless Router Mode<br>AP Mode                                                                                                                                                                                                                                                                                                                                                                                        |
| DHCP                     | DHCP Server<br>DHCP Client List                                                                                                                                                                                                                                                                                                                                                                                        |
| Security                 | Client Filter ( supports black list and white list )<br>Parental Control ( supports black list and white list )                                                                                                                                                                                                                                                                                                        |
| Firewall                 | ICMP Flood Attack Defense<br>TCP Flood Attack Defense<br>UDP Flood Attack Defense<br>Ignore Ping Packet From WAN Port                                                                                                                                                                                                                                                                                                  |
| DDNS                     | Support DynDNS, No-ip                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other Function           | <ul style="list-style-type: none"><li>· Support Virtual Server</li><li>· Support Port Forwarding</li><li>· Support DMZ Host</li><li>· Support Upnp</li><li>· Support IPV6</li><li>· Tenda WiFi App</li><li>· LED Control</li><li>· Bandwidth Control</li><li>· MAC address clone</li><li>· Static Routing</li><li>· System LogBackup Restore configurations</li><li>· Firmware upgrade from local&amp;online</li></ul> |

## Other Features

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| Temperature      | Operating Temperature : 0 °C ~40 °C<br>Storage Temperature : -40C ~70 °C                        |
| Humidity         | Operating Humidity : 10 %~90% RH non-condensing<br>Storage Humidity : 5 %~ 90%RH non-condensing |
| Default Settings | 192.168.0.1                                                                                     |
| Certification    | CE, RoHS, FCC                                                                                   |
| EIRP Power(Max.) | 2.400-2.4835 GHz:19.83dBm(EIRP)<br>5.150-5.250 GHz:22.98dBm(EIRP)                               |
| Package Content  | Wireless Router*1<br>Ethernet Cable*1<br>Power Adapter*1<br>Installation Guide*1                |

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