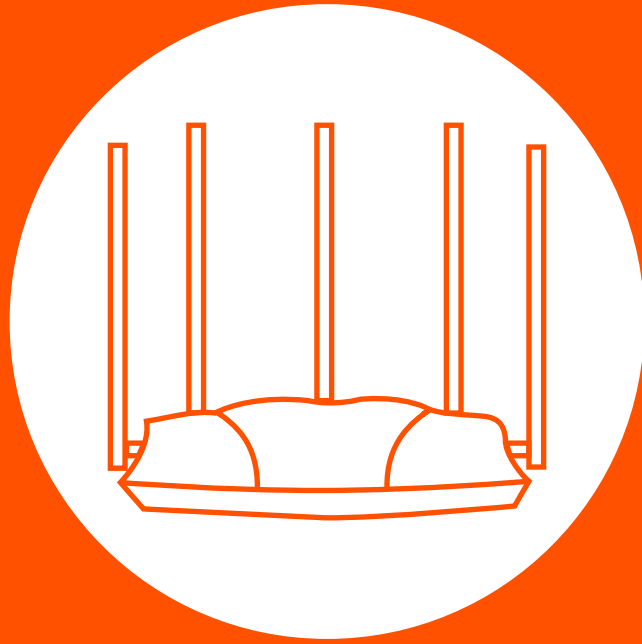


Tenda



TX12 Pro

AX3000 Dual Band Gigabit Wi-Fi 6 Router



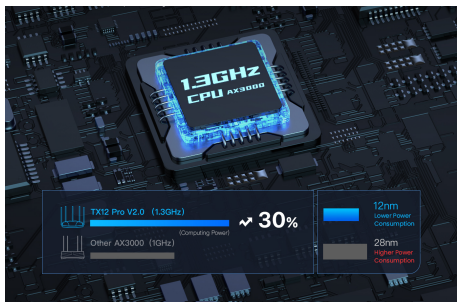
TX12 Pro

AX3000 Dual Band Gigabit Wi-Fi 6 Router

Description

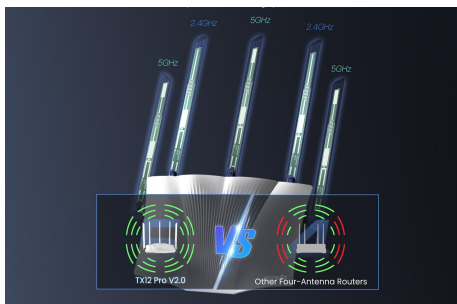
TX12 Pro is a dual-band Gigabit Wi-Fi 6 wireless router designed for users who pursue performance experience. Both its dual-bands support Wi-Fi 6 (802.11ax) technology and the concurrent rate is up to 2976Mbps (5GHz:2402Mbps, 2.4GHz: 574Mbps). TX12 Pro is equipped with a 12nm process dual-core 1.3GHz CPU to ensure a stable and smooth network environment; supports Wi-Fi+, which can easily solve the problem of stable Wi-Fi coverage in very large homes; equipped with 5 built-in high-power FEMs , Wi-Fi has stronger wall penetration capabilities and longer transmission distances; it uses OFDMA+MU-MIMO technology to allow more devices to access the Internet at the same time, significantly improving transmission efficiency and significantly reducing latency.

Main Features



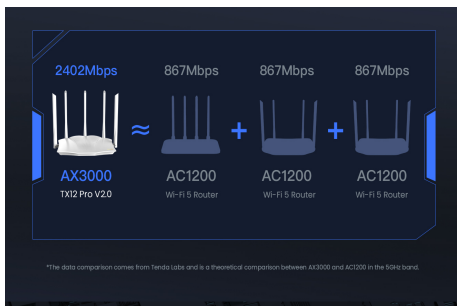
Dual-Core Processor , Smooth Network

TX12 Pro is equipped with a 1.3GHz dual-core CPU, which uses an advanced 12nm process. Its comprehensive computing power is 30% higher than that of the old dual-core AX3000 router. This makes the router consume less power and generate less heat, and its strength ensures a stable and smooth network.



Stronger Wi-Fi Signal Throughout Your Home

TX12 Pro uses 5 external 6dBi high-gain omnidirectional antennas and 5 built-in high-performance signal enhancement modules to comprehensively improve signal transmission and reception sensitivity. The 5GHz signal is faster and more stable, making it easy to achieve high-speed whole-house Wi-Fi 6 for medium and large apartments.



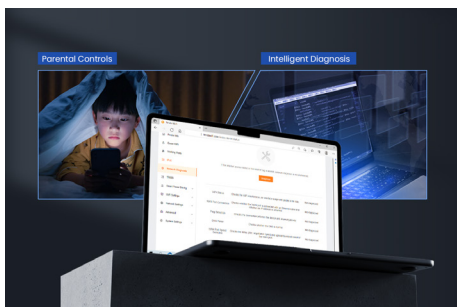
Smooth Internet Experience with AX3000

The TX12 Pro has a dual-band concurrent rate of up to 2976Mbps, with 2402Mbps for the 5GHz band and 574Mbps for the 2.4GHz band. It also supports an ultra-large 160MHz bandwidth, which can be used with mobile phones that support the same bandwidth. This allows for the signal to travel freely over a wider channel, maximizing the performance of your devices and enhancing your internet experience.



Ultra-wide Coverage with Wi-Fi+

Equipped with the Wi-Fi+ function, multiple TX12 Pro can be easily networked without configuration, realizing a high-speed whole-home Wi-Fi experience for larger units.



Rich Functions , Easy to Master

Using Tenda WiFi APP or Web management page, you can instantly have a variety of practical functions: such as controlling children's Internet access, intelligent fault diagnosis to prevent addiction to the network, quick self-test and complete network repair. More features, please stay tuned!

Technical Specifications

Hardware features	
Standard&Protocol	IEEE802.3, IEEE802.3u, IEEE802.3ab
CPU	Dual-Core 1.3GHz CPU
RAM	256MB
Interface	1× Gigabit WAN Port 3× Gigabit LAN Ports
Antenna	5*6dbi external antennas
Button	1*WPS/Mesh button 1*Reset button
Power	Input: AC 100-240V~50/60H Output: DC 12V---1A
LED indicator	1* LED
Dimensions	(L*W*H)267*166*222 mm
Wireless features	
Wireless Standards	IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Data Rate	5 GHz: 2402 Mbps (802.11ax, HE160) 2.4 GHz: 574 Mbps (802.11ax)
Frequency	CE: 2.4G: 2412-2472MHz(CH1-CH13) 5G: 5150-5350MHz(CH36-CH64) FCC: 2.4G: 2412-2462MHz(CH1-CH11) 5G: 5150-5350MHz(CH36-CH64) 5725-5850MHz(CH149-CH165)
Transmission Power	CE: <20 dBm (2.4 GHz) <23 dBm (5 GHz) FCC: <30 dBm (2.4 GHz) <30 dBm (5 GHz)

Technical Specifications

Basic Functions	<ul style="list-style-type: none"> SSID broadcasting and hiding MU-MIMO Beamforming signal directional transmission technology 160MHz OFDMA 1024-QAM
Wireless Security	<ul style="list-style-type: none"> WPA2-PSK WPA3-SAE/WPA2-PSK Wireless Security: Enable/Disable WPS(WiFi Protected Set-up) fast encryption
Software Function	
Internet Connection Type	<ul style="list-style-type: none"> PPPoE, Dynamic IP, Static IP PPPoE(Russia), PPTP(Russia), L2TP(Russia) Unify, Maxis, Maxis-special, Celcom, Digi
Network Protocol	IPv4&IPv6
Operating Mode	<ul style="list-style-type: none"> Router Mode AP Mode Universal Repeater Mode (Client+AP,WISP)
Parental Control	<ul style="list-style-type: none"> Client Filter URL Filter Time Limit
DHCP	<ul style="list-style-type: none"> DHCP Server DHCP Client List DHCP Static IP Address Reservation and Allocation
Virtual Server	Port Forwarding, DMZ Host, UPnP
Firewall	<ul style="list-style-type: none"> ICMP Flood Attack Defense TCP Flood Attack Defense UDP Flood Attack Defense Block Ping From WAN
DDNS	DynDNS, no-ip, oray, 88ip
VPN	<ul style="list-style-type: none"> IPSec Transparent Transmission PPTP Transparent Transmission L2TP Transparent Transmission PPTP VPN Server PPTP VPN Client L2TP VPN Client

Technical Specifications

Special Features	<ul style="list-style-type: none"> Wi-Fi+(Mesh System) Smart diagnosis IPTV IPv6 Smart LED on/off
Other Function	<ul style="list-style-type: none"> Support App and web management Bandwidth Control Guest Network MAC Address Clone Supports black list and white list Unify 2.4 GHz & 5 GHz Static Routing Remote Web Management Backup & Restore configurations Firmware upgrade online
Other Features	
Temperature	<ul style="list-style-type: none"> Operating Temperature : 0 °C ~40 °C Storage Temperature : -40C ~70 C
Humidity	<ul style="list-style-type: none"> Operating Humidity : 10 %~90% RH non-condensing Storage Humidity : 5 %~ 90%RH non-condensing
Certification	CE, FCC,RoHS
Package Content	<ul style="list-style-type: none"> Wi-Fi Router *1 RJ45 Ethernet Cable*1 Power Adapter*1 Quick Installation Guide*1

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

Tenda Technology Bldg.Int'l E-City,
#1001 Zhong Shan Yuan Rd.,Nanshan District,Shenzhen China.

E-mail:support@tenda.com.cn

Tel:+86-755-2765 7098

Fax:+86-755-2765 7178

PC:518055

