

**Tenda**



# TX27 Pro

AX5700 Tri-Band Gigabit Wi-Fi 6E Router



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## AX5700 Tri-Band Gigabit Wi-Fi 6E Router

### Products Description

TX27 Pro is a Gigabit Wi-Fi 6E router designed for users who are looking for a performance experience. It supports Wi-Fi 6E, which can bring more bandwidth, faster speeds, and near-zero latency. With a concurrent rate of up to 5665 Mbps (6GHz: 2402 Mbps, 5GHz: 2402 Mbps, 2.4GHz: 861 Mbps). Besides, TX27 Pro is equipped with 7 high-power FEMS, Wi-Fi signal is more powerful to penetrate walls which means it can achieve a longer transmission distance. And It's equipped with Broadcom 1.7GHz quad-core CPU, delivering powerful computing power, and stable operation. With the OFDMA and MU-MIMO technology, more devices can access the Internet at the same time, the transmission efficiency is significantly improved, and the delay is greatly reduced.

## Selling Points

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### Wi-Fi 6E Makes a Difference

More capacity in the 6 GHz band, which solves connection and congestion issues.

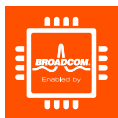
Wider channels, up to 160 MHz, are ideal for 4K/8k video and AR/VR games.

Less interference because only 6E-capable devices can use the band.



### More Enjoyable Ultimate Speed Experience

Armed with tri-band Wi-Fi 6E, TX27 Pro becomes the next-level speed router that offers amazing Wi-Fi speeds up to 5665 Mbps, ensuring everyone in your house enjoys no-lag AR/VR gaming, uninterrupted 8K streaming, and smooth video calls all at the same time.



### Top-notch CPU, Near-zero Latency

Equipped with Broadcom 1.7GHz Quad-core CPU, wider 6GHz channels and higher capacity for higher performance, less interference and near-zero latency.



### Whole-home Powerful Wi-Fi 6E Coverage

5\*6dBi high-gain external antennas and 7 high-power FEMS combine to extend whole-home strong, reliable Wi-Fi. Supporting cutting-edge Wi-Fi 6E technologies, such as BSS Coloring, ensure your smooth and stable connections in every corner.

## Selling Points

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### Ultra-wide Coverage with Wi-Fi+

Equipped with the Wi-Fi+ function, multiple RX27 Pro can be easily networked without configuration, realizing a high-speed whole-home Wi-Fi experience for larger units.



### One-click Intelligent Diagnosis

When you encounter network freezes, dropped calls, and current interruptions, you can click one-key optimization on the web management interface, and the router can quickly complete self-checks and repair network problems.

# Technical Specifications

Hardware features	
Standard&Protocol	IEEE802.3, IEEE802.3u, IEEE802.3ab
CPU	1.7GHz quad-core processor
RAM/Flash	128MB NAND flash and 256MB DDR3 SDRAM
Interface	10/100/1000Mbps WAN ports*1 10/100/1000Mbps LAN ports*3
Antenna	5*6dbi external antennas
Button	1*WPS/Reset button
Power	Input: AC 100-240V~50/60Hz Output: DC 12V=2A
LED indicator	SYS*1
Dimensions	(L*W*H)261*168*60mm
Wireless features	
Wireless Standards	WiFi 4 (802.11n)、 WiFi 5 (802.11ac)、 WiFi 6 (802.11ax)、 WiFi 6E (802.11ax)
Frequency	2.4G: 2412-2472MHZ(CH1-CH13) 5G: 5150-5350MHZ(CH36-CH64) 6G: 5945-6425MHZ(CH1-CH93)
Channel width	20 MHz/40 MHz/80 MHz
Transmission Power	CE: <20 dBm /0 . 1W (2.4 GHz) <23 dBm/ 0 . 2 W(5 GHz) <23dBm/0.2W(6GHz)
Data Rate	6GHz: 2402 Mbps 5GHz:2402 Mbps 2.4GHz:861 Mbps
Basic Functions	SSID broadcasting and hiding MU-MIMO Beamforming signal directional transmission technology Support signal strength adjustment
Wireless Security	2.4G/5G: WPA2-PSK;WPA3-SAE/WPA2-PSK 6G: WPA3-SAE Wireless Security: Enable/Disable WPS(WiFi Protected Set-up) fast encryption
Modulation	DSSS/OFDM/OFDMA
Software Function	
Internet Connection Type	PPPOE, Dynamic IP, Static IP
Network Protocol	IPv4&IPv6

# Technical Specifications

Software Function	
Operating Mode	Wireless Router Mode AP Mode Wireless Repeater (Client+AP,WISP)
DHCP	DHCP Server DHCP Client List DHCP Static IP Address Reservation and Allocation
Security	Client Filter Parental Control Remote Web Management
Firewall	ICMP Flood Attack Defense TCP Flood Attack Defense UDP Flood Attack Defense Ignore Ping Packet From WAN Port
DDNS	NO-IP, Oray.com
VPN	IPSec Transparent Transmission PPTP Transparent Transmission L2TP Transparent Transmission PPTP VPN Server PPTP VPN Client L2TP VPN Client
Features	Alexa WiFi+(Mesh System) TR069 VLAN ID Smart diagnosis
Other Function	IPTV Smart Traffic Prioritisation Smart WiFi Schedule Smart Power Saving Smart LED on/off PPPoE Username/password Clone Tenda App Bandwidth Control Guest Network System Log MAC Clone Backup & Restore configurations Support automatic access detection Firmware upgrade online Firmware upgradeable via browser

# Technical Specifications

Other Features	
Temperatur	Operating Temperature:0°C ~ 40°C Storage Temperature : -40C ~70°C
Humidity	Operating Humidity : 10 %~90% RH non-condensing Storage Humidity : 5 %~ 90%RH non-condensing
Certification	CE, RoHS, FCC
Package Content	Wireless Router*1 Ethernet Cable*1 Power Adapter*1 Installation Guide*1

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