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The Smartest Network Device

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X5000R

AX1800
Wireless Dual Band Gigabit Router

Wi-Fi 6 | WPA3 | Full Gigabit Ports | TWT | Phone UI/APP

Overview

AX1800
Wireless Dual Band Gigabit Router

Model No. X5000R

X5000R is a AX1800 Wi-Fi 6 Router, built with the latest generation Wi-Fi 6 technology. Equipped with OFDMA, X5000R provides speeds up to 1.8Gbps 4x faster than 11ac technology, and greater capacity to handle more devices on your network, ensuring that you can enjoy blazing fast Internet connections on all your devices. What's more, powerful dual-core processor ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming, and audio/video chats. You can get best-in-class cybersecurity with the latest WPA3 to protect your family from malwares, stolen passwords, identity theft, and hacker attacks. Frankly speaking, X5000R can be used in large houses and small offices for a stable and fast Wi-Fi experience.

Features

- Complies with the next generation Wi-Fi 6 (IEEE 802.11ax) standard.
- Simultaneous 1201Mbps on 5GHz and 573.5Mbps on 2.4GHz for a total of 1774.5Mbps.
- OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.
- TWT (Target Wake Time) technology reduces your devices' power consumption to extend their battery life.
- MU-MIMO technology allows to transfer data to multiple devices at the same time.
- 4 External 5dBi fixed antennas is perfect for long-distance wireless transmission.
- Beamforming technology improves directional signal transmission, improving the bandwidth efficiency.
- Full gigabit ports offer larger capability for data forwarding via cable connection.
- Supports DHCP, Static IP, PPPoE PPTP and L2TP broadband functions.
- Supports WPA3 wireless security protocols to ensure network security.
- Support VPN server, Universal Repeater, Multiple SSIDs, WPS, Smart QoS, Wi-Fi Scheduler.
- Parental Control on the router lets you easily manage content and time online on any connected device.
- Easy setup and management with phone UI and TOTOLINK Router APP.

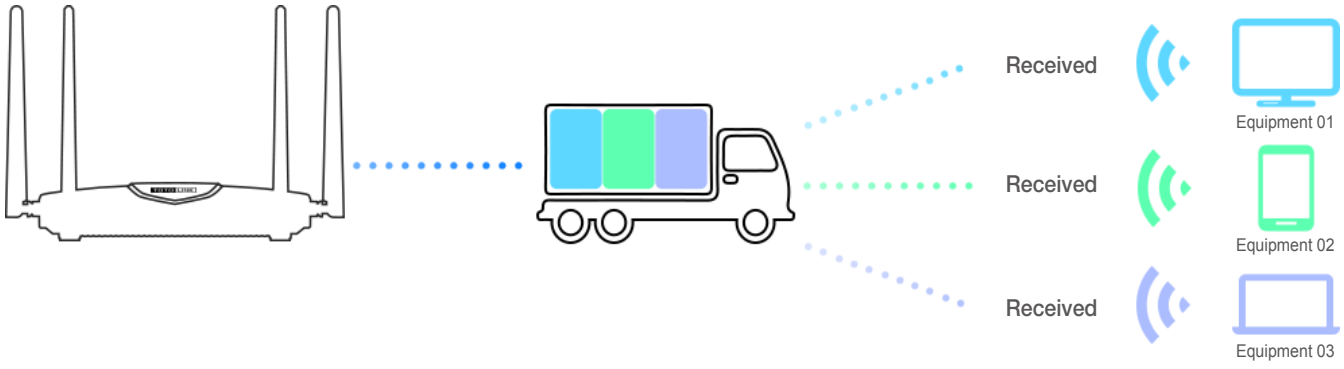
Selling point

1774.5Mbps Ultra-Fast Wi-Fi Speed

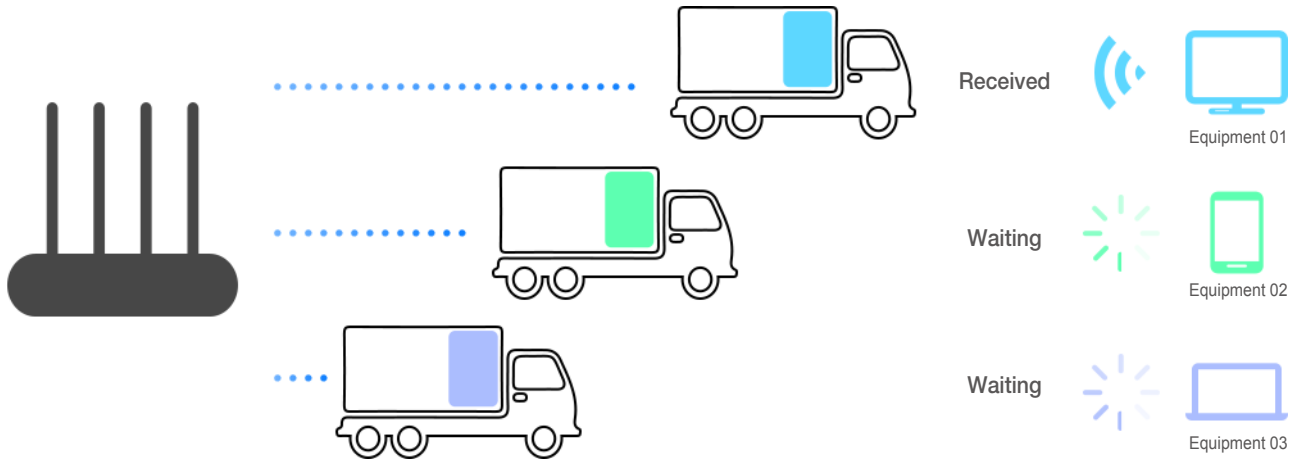
X5000R complies with the latest Wi-Fi 6 (IEEE802.11ax) standard, delivers Wi-Fi speeds of up to 1201Mbps on the 5GHz band and 573.5Mbps on the 2.4GHz band. It is able to work on 2.4GHz and 5GHz band simultaneously and delivers speeds up to 1774.5Mbps. Every application feels more fluid with drastically improved Wi-Fi speeds. Both 2.4 GHz band and 5 GHz band get upgraded to the latest generation—perfect for 4K streaming, online gaming, and fast downloading.

OFDMA More Device, Less Congestion

X5000R can easily handle dozens of devices streaming and gaming at the same time—OFDMA, greatly increases capacity by 4 times to enable simultaneous transmission to more devices. OFDMA separates a single spectrum into multiple units and enables different devices to share one transmission stream, increasing efficiency and reducing latency.



* Supporting OFDMA tecnology, the Wi-Fi 6 router can realize data transmission among different users simultaneously.

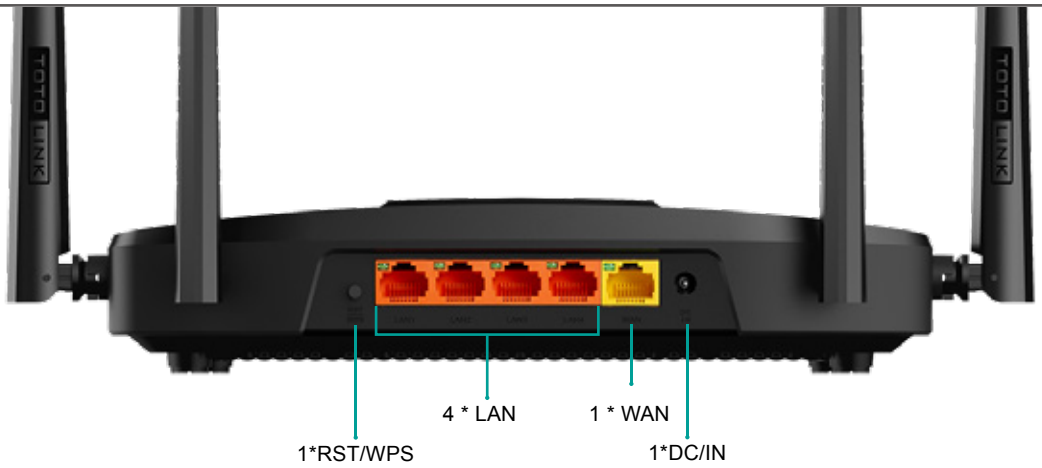


* A traditional Wi-Fi 5 router can only transmit data from one user at a time.

Specification

Hardware

Chipsets	- MT7621A+MT7915DA+MT7975DN
Flash/RAM	- 16Mbyte/256Mbyte
Interface	- 4*1000Mbps LAN Ports
	- 1*1000Mbps WAN Port
Power Supply	- 12V DC/1A
Antenna	- 4 * 5dBi fixed external antennas
Button	- 1*RST/WPS
	- 1*DC/IN
LED Indicators	- 1 *SYS(Blue)
	- 4 *LAN(Green), 1 *WAN(Green)
Dimensions (L x W x H)	- 241.0 x 147.0 x 48.5mm



Wireless

Standards	- IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n,
	- IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
RF Frequency	- 2.4~2.4835GHz
	- 5.18~5.825GHz
Data Rate	- 2.4GHz: Up to 573.5Mbps (2*2 40MHz)
	- 5GHz: Up to 1201Mbps (2*2 80MHz)
EIRP	- 2.4GHz < 20dBm
	- 5GHz < 20dBm
Wireless Security	- WPA2/WPA Mixed
	- WPA3
Reception Sensitivity	- 2.4G: 11b: <-85dbm;
	11g: <-72dbm;
	11n: HT20<-68dbm HT40: <-65dbm
	- 5G: 11a:<-72dbm;
	11n: HT20<-68dbm HT40: <-65dbm
	11ac: <-55dbm
	11ax VHT80 : <-46dbm 11ax VHT160 : <-43dbm

Specification

Software

Basic	- Internet Settings	- Wireless Settings	- Parental Control
	- Guest Network Settings	- Smart QoS	
Network	- Internet Setup	- LAN Setup	- DDNS
	- IPTV	- IPv6	
Wireless	- Wireless Setup	- Guest Network	- Schedule
	- Access Control	- Advanced	- Parental Control
	- Smart QoS		
Device Management	- Routing Table	- Static Route	- IP/MAC Binding
Security	- IP/Port Filtering	- MAC Filtering	- URL Filtering
NAT	- Virtual Server	- DMZ	- VPN Passthrough
Remote network	- L2TP Server	- Shadow socks	- Account Manage
Service	- Remote	- UPnP	- Schedule
Tools	- Change Password	- Time Setup	- System
	- Upgrade	- Diagnosis	- Route Tracking
	- Log		
Operation Mode	- Gateway mode	- Bridge mode	
	- Repeater mode	- WISP mode	
Other Function	- Multi-language automatic adaptation		- Domain Access
	- QR Code	- LED Control	- Reboot
	- Logout		

Others

Package Contents	- X5000R Wireless Router *1 - Power Adapter *1 - RJ45 Ethernet Cable *1 - Quick Installation Guide *1
Environment	- Operating Temperature: 0℃~50 ℃ (32 ℉~122 ℉) - Storage Temperature: -40℃~70 ℃ (-40 ℉~158 ℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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