



AX1500 Wireless Dual Band Gigabit Wi-Fi 6 Router

X2000R_V2 is a AX1500 Wi-Fi 6 Router, built with the latest generation Wi-Fi 6 technology.

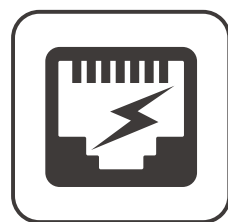
X2000R_V2



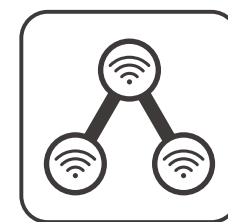
Wi-Fi 6



Phone UI/APP



Full Gigabit Ports



EasyMesh



IPTV



WPA3

Overview

X2000R_V2 is a AX1500 Wi-Fi 6 Router, built with the latest generation Wi-Fi 6 technology. Equipped with OFDMA, X2000R_V2 delivers Wi-Fi speed up to 1501Mbps, offering a faster Internet speed and a more stable Internet connection with other wireless devices.

Meanwhile, full gigabit WAN port and LAN ports offer a larger capability for data streaming via cable connection. Besides, TR069, which has excellent supervision and testing functions, is used for remote centralized management of gateway, router, set-top box and other devices in the home network from the network side.

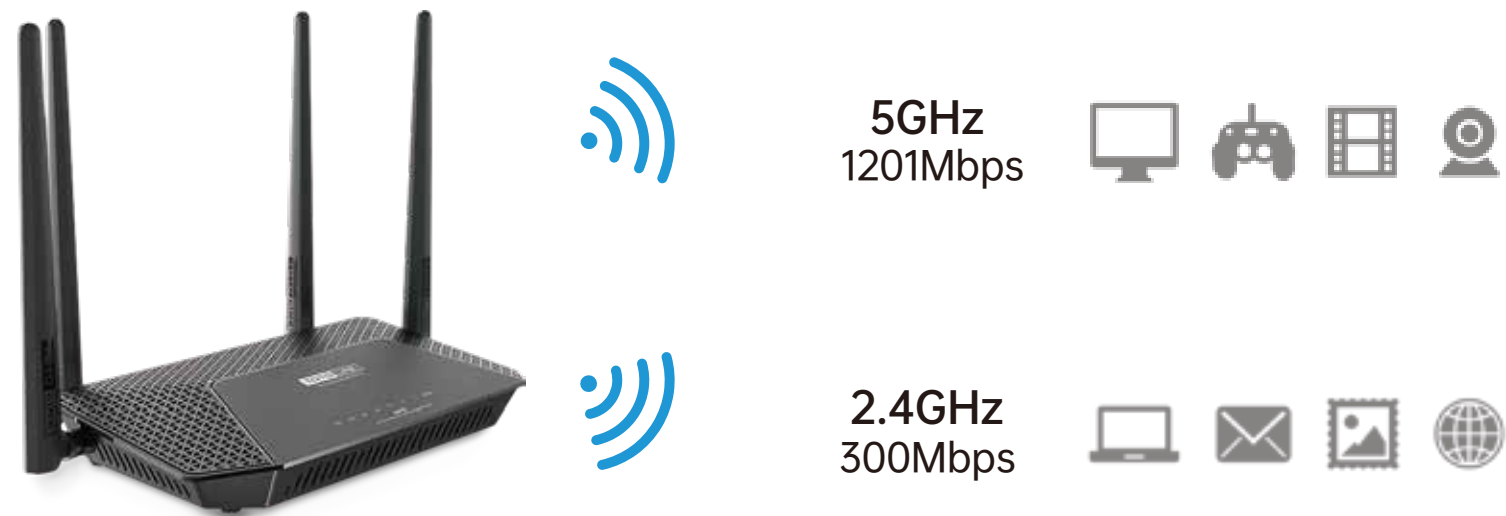
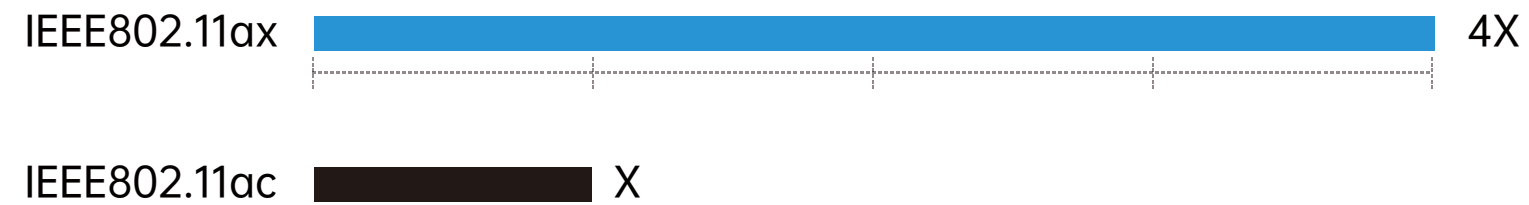
Moreover, Band Steering, MU-MIMO and Beamforming contribute to improve efficiency greatly. It is an ideal choice for the homes or offices with a high demand for the Internet access.

Features

- Simultaneous 1201Mbps on 5GHz and 300Mbps on 2.4GHz for a total of 1501Mbps.

- Complies with the next generation Wi-Fi 6 (IEEE 802.11ax) standard.
- MU-MIMO technology allows to transfer data to multiple devices at the same time, each device enjoys high Internet speed separately.
- Beamforming technology allows to intensively transmit the signal to the directions of the other wireless connected terminals, improving the using-efficiency of the bandwidth and reducing the dead spots and the surrounding unnecessary RF interference.
- Full gigabit ports offers a larger capability for data streaming via cable connection.
- Band Steering for full playing to the advantage of multi-band and improving the user's experience.
- Adaptive WAN/LAN Ports for no need to differentiate between WAN and LAN port.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP connection mode.
- Supports WPA3 wireless security protocols to ensure network security.
- QoS function allows to change the bandwidth for different terminals via IP address.
- Supports IP address filtering, port filtering, MAC filtering, URL filtering and port forwarding.
- Guest network allows to create different SSIDs for different groups, better for Internet access management.
- Smart UI design is easy for the users to finish the basic configuration with their cellphones.

Highlights



The Next Generation --- Wi-Fi 6

Wi-Fi 6 (IEEE802.11ax) delivers a huge boost in speed and total capacity and takes your Wi-Fi to the next level while being backwards compatible with IEEE802.11a/b/g/n/ac Wi-Fi standards.

X2000R_V2 equips with the latest wireless technology, Wi-Fi 6, for faster speeds, greater capacity, and reduced network congestion.

1501Mbps Ultra-Fast Wi-Fi Speed

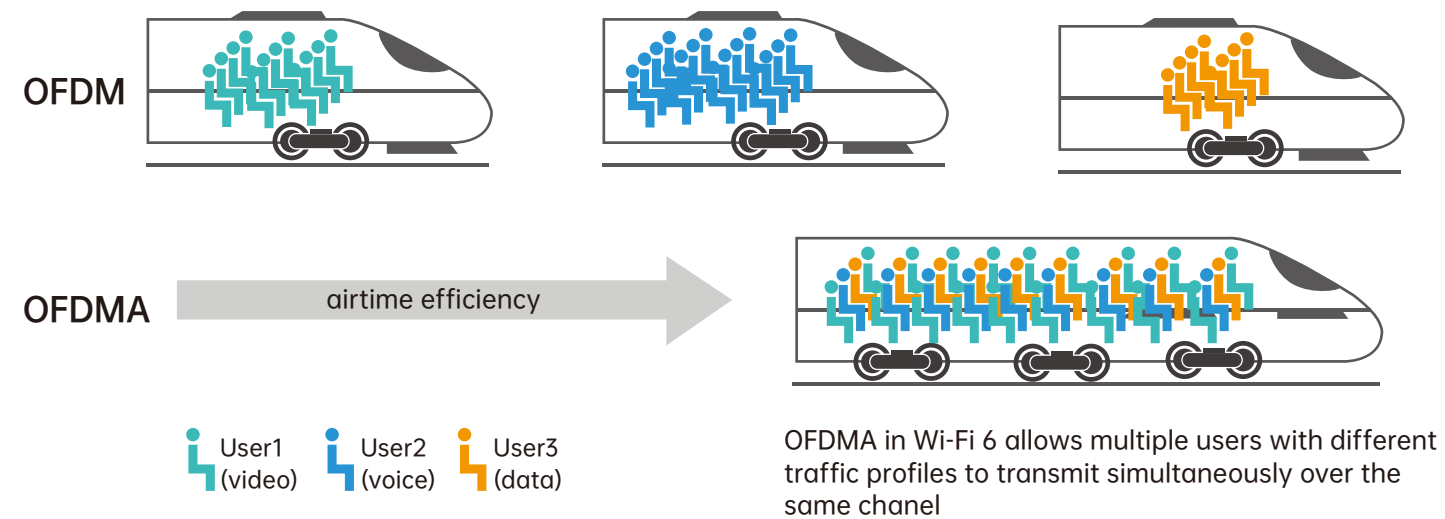
X2000R_V2 complies with the latest Wi-Fi 6 (IEEE802.11ax) standard, delivers Wi-Fi speeds of up to 1201Mbps on the 5GHz band and 300Mbps on the 2.4GHz band. It is able to work on 2.4GHz and 5GHz band simultaneously and delivers speeds up to 1501Mbps.

Easy Mesh, Seamless roaming throughout the house

EasyMesh is a simple way to form a Mesh network with a single Wi-Fi name for seamless whole-home coverage. When you move at home, the device will automatically switch between X2000R_V2 to achieve seamless roaming.



Highlights



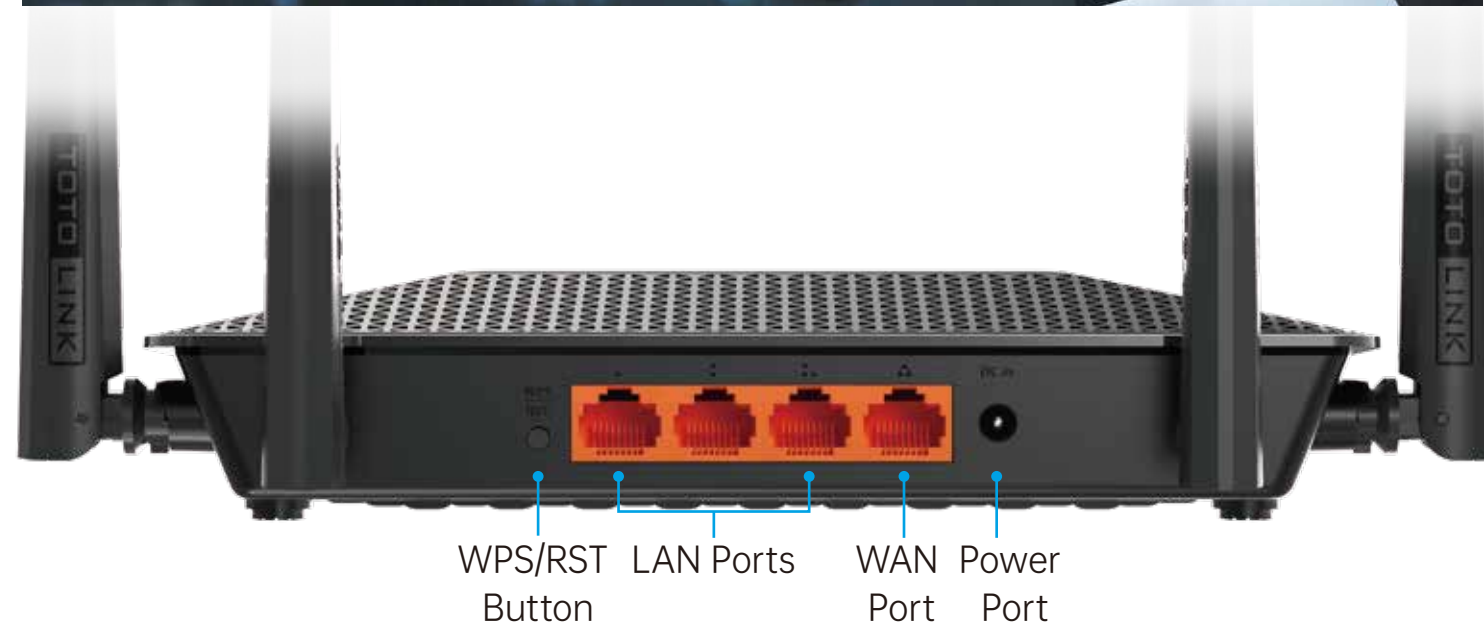
OFDMA More Device, Less Congestion

X2000R_V2 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.



Four External Antennas, Wide Wi-Fi Coverage

Four external high-performance antennas and Beamforming technology focus signal towards individual clients for broader coverage.



Gigabit WAN and LAN Ports

One Gigabit WAN and three Gigabit LAN ports offer a larger capability for data streaming via cable connection, delivering a super-fast Internet speed and offering Internet experience as connecting with a high-speed fiber, ideal for users subscribing a bandwidth of 200Mbps or above.

Specifications

Hardware	
Interface	- 3 *10/100/1000Mbps LAN Ports - 1 *10/100/1000Mbps WAN Port
Power Supply	- 12VDC/1A
Button	- 1 *RST/WPS Button
LED Indicator	- 1 *SYS, 1 *2.4G, 1 *5G, 1 *WAN, 3 *LAN , - 1 *MESH Blue
Antenna	- 2 * 2.4GHz fixed antennas(5dBi) - 2 * 5GHz fixed antennas(5dBi)
Dimensions (L x W x H)	- 206 x 121 x 41mm
Wireless	
Standards	- IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n, - IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 1201Mbps
EIRP	- 2.4GHz < 20dBm - 5GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed - WPA3

Wireless	
Reception Sensitivity	- 2.4G:11b 11M: -81dBm@8% PER 11g 54M: -68dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER - 5G: 11a 54M: -68dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER 11ac VHT80 MCS9: -51dBm@10% PER 11ax HE80 MCS11: -46dBm@10% PER
Software	
Operation Mode	- Gateway Mode - Repeater Mode - AP Mode - WISP Mode
Status	- WAN - Wireless - LAN - System Information
Network	- WAN Setting - LAN Setting - IPTV Setting - DHCP&ARP Tables -Static Route - Routing Table
Mesh setting	- Optional master device and slave device
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP

Specifications

Software	
IPv6 Protocol	- DHCP/Static IP/PPPoE
Wireless	- Basic Settings - Guest network - Advanced Settings - Access Control - Wireless Schedule
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Security	- IP/Port Filtering - MAC Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN Passthrough
VPN	- L2TP/PPTP VPN
System	- Upgrade Firmware - Save/Reload Settings - Time Zone Settings - DDNS - Denial-of-Service - TR-069 Config - Password Settings - Reboot Schedule - System Log - Statistics - Run Command - Logout

Others	
Package Contents	- X2000R_V2 Wireless Router * 1 - Power Adapter * 1 - Ethernet Cable * 1 - Quick Installation Guide * 1
Environment	- Operating Temperature: 0°C~40 °C (32 °F~104°F) - Storage Temperature: -40°C~70 °C (-40 °F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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