



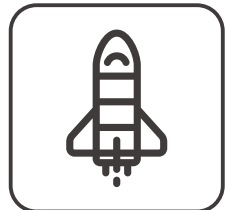
AX3000 Wi-Fi 6 Smart Mesh System

X30 is AX3000 Wi-Fi 6 Smart Mesh System built with the latest generation Wi-Fi 6 technology, supports 160MHz bandwidth, provides 3000Mbps speed.

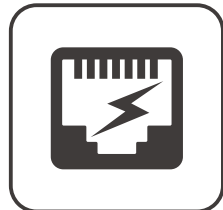
X30



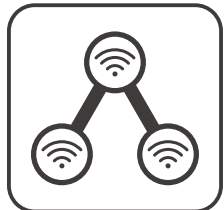
Wi-Fi 6



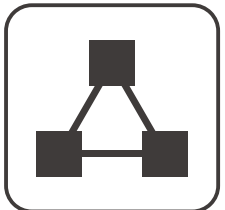
3000Mbps
High Speed



Gigabit Ethernet



Mesh
Wi-Fi System



Wired
Backhaul



Phone APP



WPA3

Overview

X30 is AX3000 Wi-Fi 6 Smart Mesh System built with the latest generation Wi-Fi 6 technology, supports 160MHz bandwidth, provides 3000Mbps speed.

What's more, using MediaTek's new generation Filogic 820 chip, Dual-Core 1.3GHz CPU, the powerful processor ensures excellent performance for concurrent real-time applications, such as multimedia streaming, online games and audio/video chat.

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, X30 can be used in large houses and small offices for a stable and fast Wi-Fi experience.

Features

- Simultaneous 2402Mbps on 5GHz and 574Mbps on 2.4GHz for a total of 3000Mbps.
- MU-MIMO technology allows to transfer data to multiple devices at the same time.

- Complies with the next generation Wi-Fi 6 (IEEE 802.11ax) standard.
- 1.3GHz Dual-Core CPU perform outstanding ability in data-processing without any delay.
- 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.
- 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, Guest network, Smart QoS, Wi-Fi Scheduler.
- Parental Control on the router lets you easily manage content and time online on any connected device.
- Easy Mesh function for easy Wi-Fi extension and seamless roaming.
- Easy setup and management with phone UI and TOTOLINK Router APP.

Highlights



5GHz
2402Mbps



2.4GHz
574Mbps



Up 66%

AX3000 (Wi-Fi 6)  2976Mbps

AX1800 (Wi-Fi 6)  1775Mbps



3000Mbps Ultra-Fast Wi-Fi Speed

Featuring a 160 MHz bandwidth and 1024-QAM, X30 delivers true Gigabit speeds of up to 3000Mbps. It delivers Wi-Fi speeds of up to 2402Mbps on the 5GHz band and 574Mbps on the 2.4GHz band. 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.

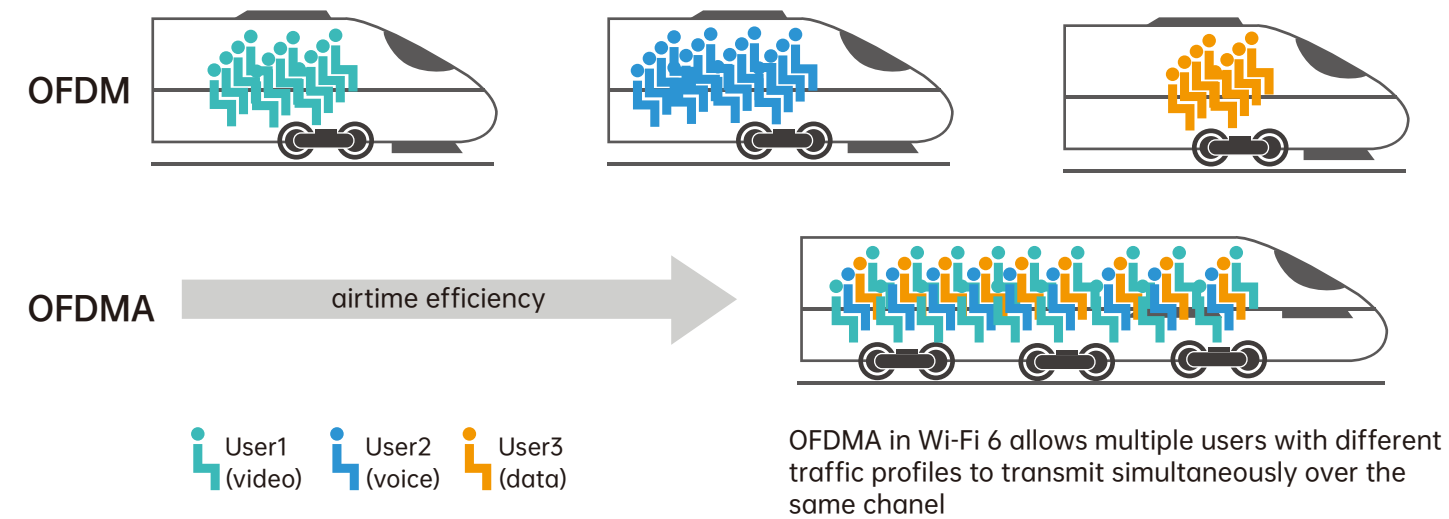
The Next Generation --- Wi-Fi 6

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. X30 equips with the latest wireless technology, Wi-Fi 6, for faster speeds, greater capacity, and reduced network congestion.

160MHz high bandwidth

Compared with the 80MHz frequencyband, the bandwidth is doubled and the speed is doubled, which meets the high-speed connection requirements of multi-device line devices.

Highlights



OFDMA More Device, Less Congestion

X30 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.

1.3GHz Dual-Core CPU for Powerful Processing

Equipped with MediaTek's new generation Filogic 820 chip, Advanced 12nm process, Dual-Core 1.3GHz CPU, Device capacity Up to 256 users. X30 handles demands of multiple users accessing your network simultaneously, ensuring everyone in your home is possible to surf the internet constantly at the same time.

Loop antennas layout, signal always onlin

With four high-performance internal antennas, Wi-Fi range improve dramatically. It will deliver improved Wi-Fi range throughout your home. You'll connect to your devices faster and no more dead zones.



Highlights

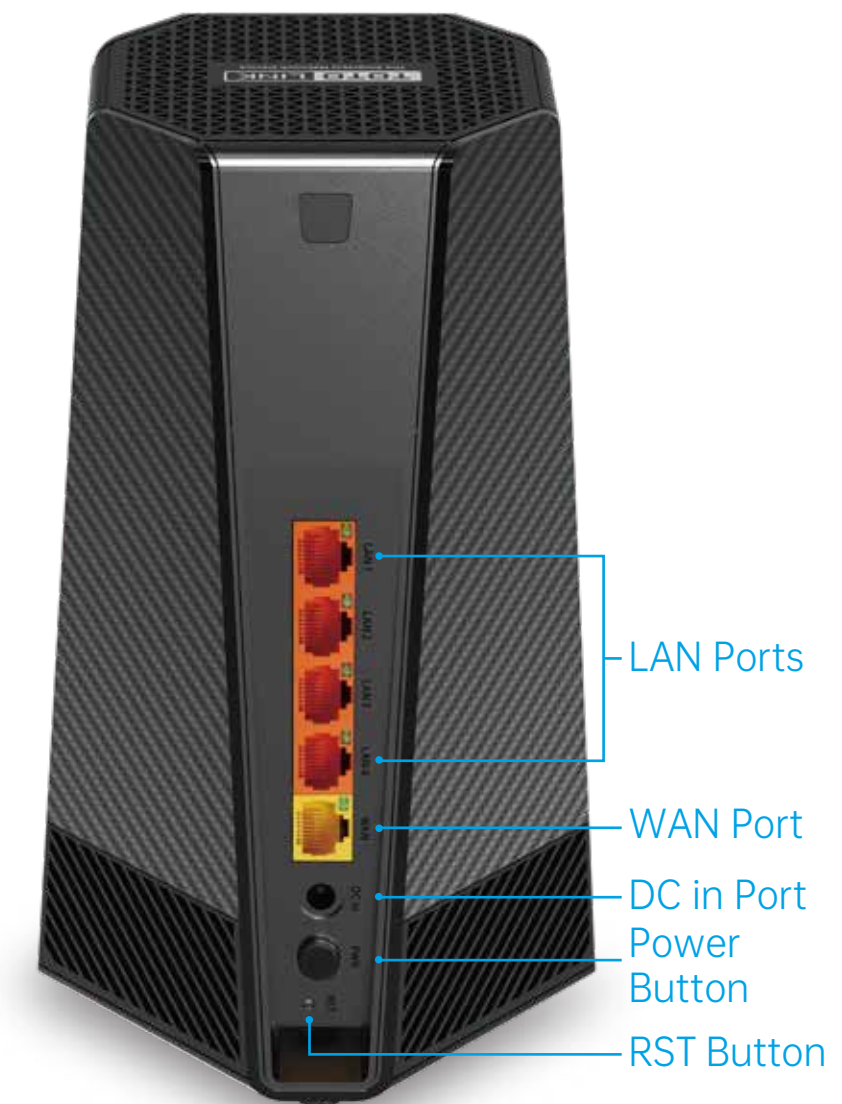


Easy Mesh, Wider Coverage and Seamless Roaming

With advanced Mesh technology, units work together to form a unified network with a single network name. Devices will automatically switch between X30 as you move through your home for the fastest possible speeds.

Full Gigabit WAN and LAN Ports

Equipped with full gigabit ports, X30 offers a larger capability for data streaming via cable connection, making the best use of your Internet bandwidth, and compatible with your 100M/1000M network card. Plug in your PCs, smart TVs, and game consoles for fast and reliable connections.



Specifications

Hardware	
Interface	- 1 * 1000Mbps WAN Port - 4 * 1000Mbps LAN Port
Power Supply	- 12V DC/1A
Antenna	- 4 * Internal Antennas
Button	- 1 * RST Button, - 1 * MESH Button, - 1 * Power On/Off Button
LED	- PWR * 1, CPU * 1, 5G * 1, 2.4G * 1, MESH * 1
Dimensions (L x W x H)	- 127 * 142 * 216MM
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 574Mbps(2*2 40MHz) - 5GHz: Up to 2402Mbps(2*2 160MHz)
EIRP	- 2.4GHz < 20dBm - 5GHz < 23dBm
Wireless Security	- WPA2/WPA Mixed - WPA3

Wireless	
Reception Sensitivity	- 2.4G: 11b 11M: -85dBm@8% PER 11g 54M: -72dBm@10% PER 11n HT20 MCS7: -68dBm@10% PER 11n HT40 MCS7: -65dBm@10% PER 11ax HT20 MCS11: -68dBm@10% PER 11ax HT40 MCS11: -65dBm@10% PER - 5G: 11a 54M: -72dBm@10% PER 11n HT20 MCS7: -68dBm@10% PER 11n HT40 MCS7: -65dBm@10% PER 11ac VHT80 MCS9: -55dBm@10% PER 11ax HE80 MCS11: -51dBm@10% PER 11ax HE160 MCS11: -46dBm@10% PER
Software	
Home	- Quick Setup - EasyMesh - Basic setup - Advanced setup - Multi-language auto - LED - Logout - Reboot
Network	- WAN Setting - LAN Setting - DDNS Setting - IPTV Setting - IPv6 Setting - IP/MAC Binding

Specifications

Software	
Parental Control	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Security	- MAC Filtering - IP/Port Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN passthrough
Wireless	- Basic setup - Guest Network(Multiple SSID) - Wireless Schedule - Access Control - Advanced setup
Tools	- Upgrade Firmware - Time Setup - Remote management - UPnP - Password Settings - Reboot Schedule - Ping Diagnosis - Route Tracking - TR-069 Config - System Log and so on
Operation Mode	- Gateway mode - Bridge mode - Repeater mode - WISP mode

Software	
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
VPN Sever	- L2TP VPN - Account Management
Others	
Package Contents	- X30 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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