

TOTO LINK

The Smartest Network Device

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X18 Wi-Fi6 Smart Mesh System



Smart Home Wi-Fi System



Seamless Roaming



APP



Beamforming



Wave2 MU-MIMO



Parental Control



Gigabit Ethernet

➤ Overview

Wi-Fi6 Smart Mesh System

Model No. X18

X18 is specially designed for creating a smart home Wi-Fi system. With 1.8Gbps dual band concurrent Wi-Fi and one click auto connection functions, X18 easily and efficiently effectuates the Wi-Fi Coverage even under big flats, multiple floors, etc. Meanwhile, the wireless roaming function helps exchange to better signal source, keeping you connected and enjoy high speed Wi-Fi throughout your house. Generally, X18 are designed for big-size homes with increasing demand of wide Wi-Fi network.



➤ Features

- Complies with the next generation Wi-Fi 6 (IEEE 802.11ax) standard.
- Simultaneous 1201Mbps on 5GHz and 574Mbps on 2.4GHz for a total of 1775Mbps.
- 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.
- Beamforming technology improves directional signal transmission, improving the bandwidth efficiency.
- Easy Mesh function for easy Wi-Fi extension and seamless roaming.
- Full Gigabit WAN and LAN Ports for efficient data transmission.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Supports WPA3 wireless security protocols to ensure network security.
- QoS: Bandwidth Control based on IP address.
- IPTV function allows to enjoy online movies at home.
- IPv6 provides larger address space, faster propagation speed and higher security performance.
- Parental control enables to create a safe & healthy Internet environment for your children.
- Easy setup and management with phone UI and TOTOLINK Router APP.



Selling point

➤ 1.8Gbps Ultra-Fast Wi-Fi Speed

X18 complies with the latest Wi-Fi 6 (IEEE802.11ax) standard, delivers Wi-Fi speeds of up to 1201Mbps on the 5GHz band and 574Mbps on the 2.4GHz band. It is able to work on 2.4GHz and 5GHz band simultaneously and delivers speeds up to 1775Mbps. 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.



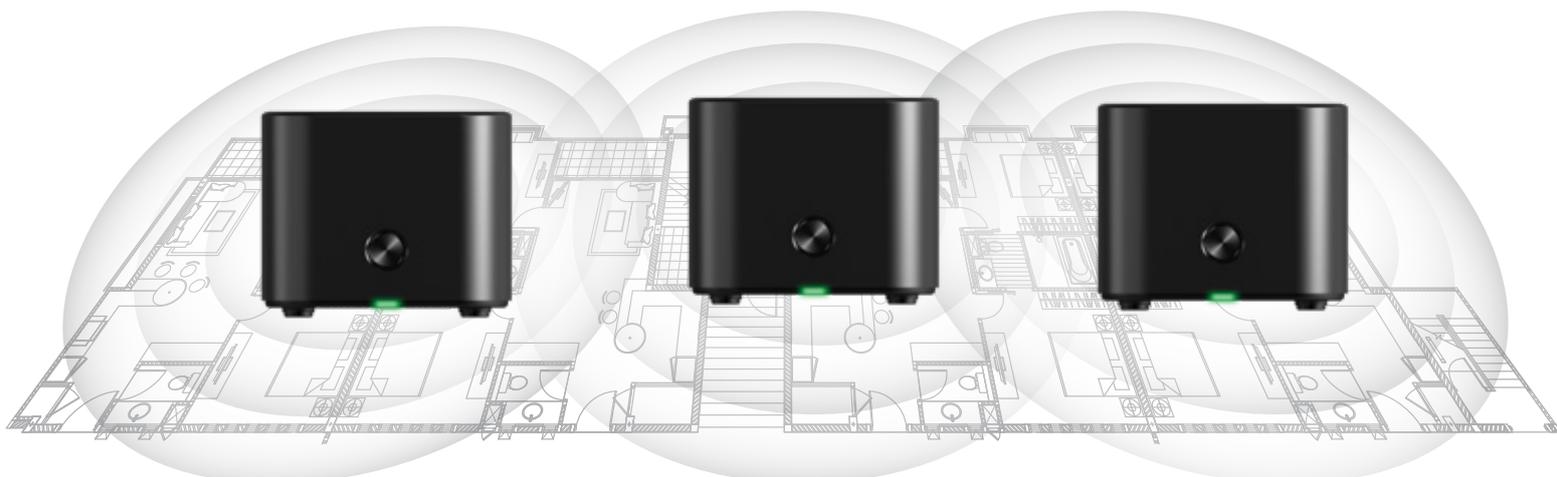
➤ MU-MIMO and Beamforming Improve Bandwidth Efficiency

With Wave2 MU-MIMO and Beamforming technology, X18 supports to communicate with multiple devices at the same time and supports to transmit signals to the wireless connected devices intensively, even if they are far-away or low-powered, such as smart phones, tablets and laptops, thus the bandwidth efficiency and the Wi-Fi experience can be largely improved.



➤ Keep You Connected Throughout Your Home

T8 supports wireless roaming function, all the Wi-Fi devices will auto change to stronger signal source when you are moving, keeping you connected and enjoy seamless Wi-Fi at any corner of your house.



Specification

Hardware

Interface	- 2 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply	- 12VDC/1A
Button	- 1 *Mesh/RST Button - 1* Power Button
LED Indicator	- 1 *System (Red/Green)
Antenna	- 2 *Internal Dual Band Antennas
Dimensions (L x W x H)	- 105 x 105 x 87mm



Wireless

Standards	- IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g , IEEE 802.11n, IEEE 802.11s
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 574Mbps (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: <-81dbm; 11g: <-68dbm; 11n HT20: <-65dbm HT40: <-62dbm 11ax HE40: -48dB - 5G: 11a:<-68dbm; 11n: HT20<-65dbm HT40: <-62dbm 11ac VHT80: <-51dbm 11ax HE40: <-48dbm 11ax HE80: <-46dbm

Specification

Software

Operation Mode	- Mesh Mode
Home	- Quick Setup - Basic setup - Advanced setup - Logout - Reboot - Language Auto
Mesh setting	- Mesh Networking - Mesh Topology - Roaming - Clear default pairing
Network	- WAN Setting - LAN Setting - IP/MAC Binding - DDNS Setting - IPTV Setting - IPv6
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless	- Basic setup - Parental Control
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
Tools	- Upgrade Firmware - Time Setup - Remote managemer - Password Settings - Reboot Schedule - System Log and so on

Others

Package Contents	- X18 Wireless Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1 Remark: Take Unit pack as an example.(This product also has 2 in 1 and 3 in 1 package, the above list is only for reference.)
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 5%~95% non-condensing - Storage Humidity: 5%~95% non-condensing

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