

TOTO LINK

The Smartest Network Device

AX7800 Wi-Fi 6E Smart Mesh System

X78-6E

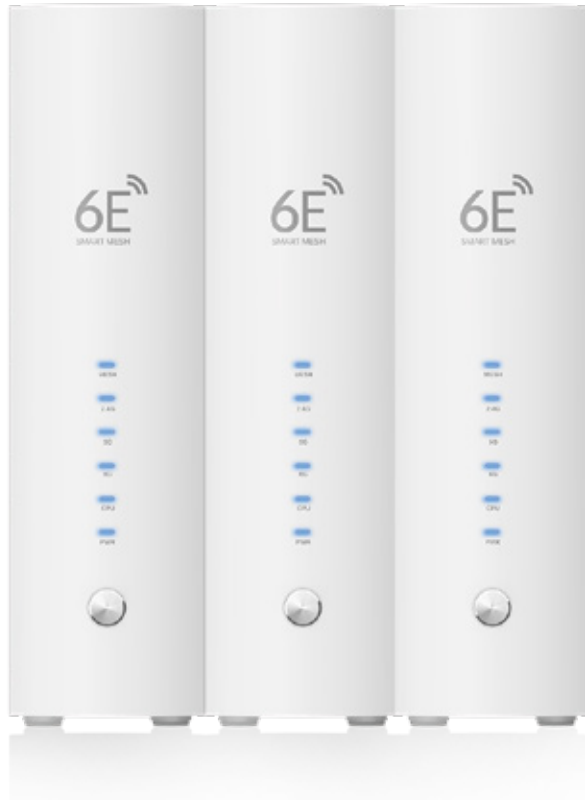


Overview

X78-6E is a AX7800 Wireless Tri-band Gigabit Wi-Fi 6E Router, built with the latest generation Wi-Fi 6 technology.

Equipped with OFDMA, X78-6E provides wireless speed up to 7800Mbps, and greater capacity to handle more devices on your network, ensuring that you can enjoy blazing fast Internet connections on all your devices. Besides, Easy Mesh makes easy Wi-Fi extension and seamless roaming attainable.

Frankly speaking, X78-6E can be used in large houses and offices for a stable and fast Wi-Fi experience.



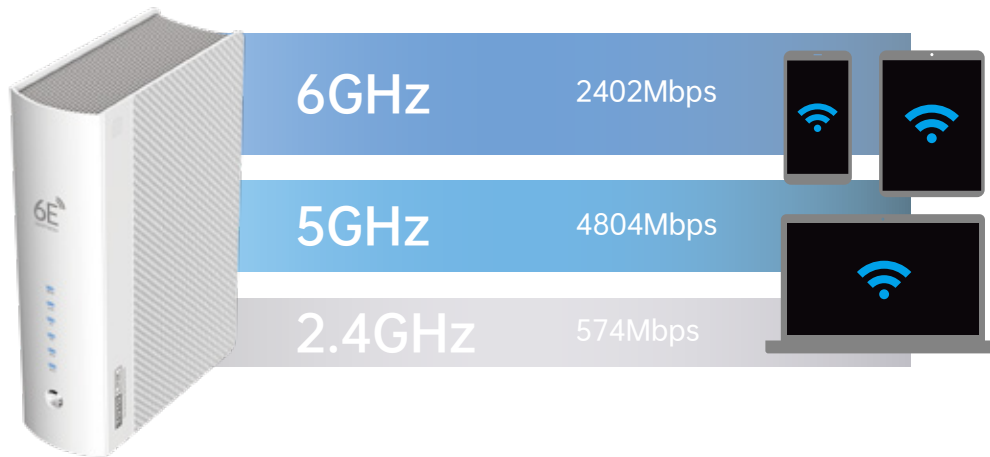
Features

- Complies with 802.11ax/ac/a/b/g/n standards.
- Dedicated New 6GHz Wi-Fi Band.
- Delivers up to 574Mbps on 2.4G band / 4804Mbps on 5G band / 2402Mbps on 6G band.
- Eight built-in antennas can enhance the stability of throughput.
- Beamforming technology for stronger connection.
- 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.
- Supports easy and quick setup by smart phones.
- Support 2.5Gbps Ethernet interface.
- Supports 64-bit WEP, WPA/WPA2/WPA3 and WPA-PSK/WPA2-PSK encryption.
- 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.
- Supports Multi User MIMO (WAVE2)
- Supports Easy Mesh.

Highlights

Dedicated New 6GHz Wi-Fi Band

Congestion-free band just for Wi-Fi 6E devices. Enjoy crystal clear 4K/8K video streaming, AR/VR gaming and videoconferencing.



2500M ultra-fast network port

Equipped with full gigabit ports, X15 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.



7800Mbps Ultra-Fast Wi-Fi Speed

Delivers up to 574Mbps on 2.4G band / 4804Mbps on 5G band / 2402Mbps on 6G band.



More Energy-efficient Wi-Fi 6E

TWT (Target Wake Time) technology reduces your devices' power consumption to extend their battery life.



Beamforming

Beamforming technology detects the location of devices and sends targeted Wi-Fi signal to individual devices for stronger connections.

Highlights

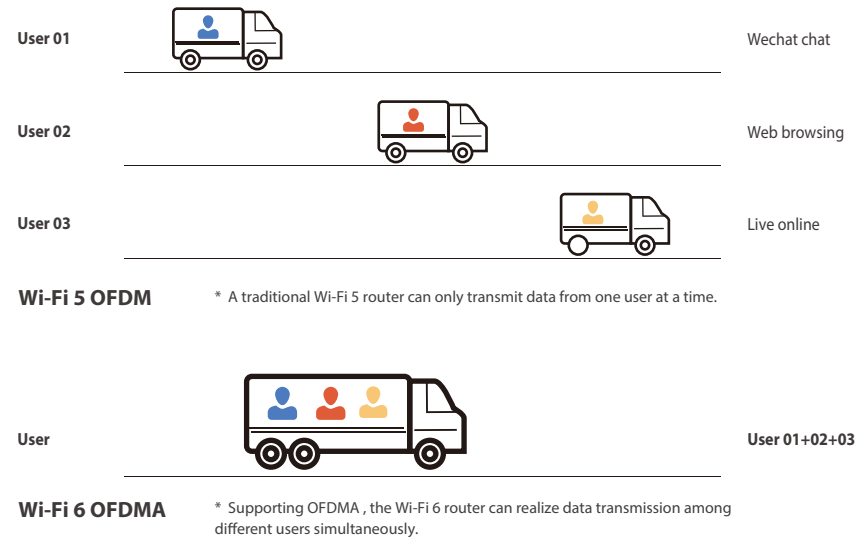
High Performance Antennas

Equipped eight Built-in antennas, X78-6E creates stronger and more reliable networks for all to enjoy in your home.



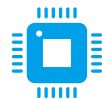
OFDMA

OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.



Quick Setup

Easy setup and management with phone UI and TOTOLINK Router APP.



2GHz Quad-Core CPU

Equipped with MediaTek's new generation Filogic 830 chip, Advanced 12nm process, Quad-Core 2GHz CPU.



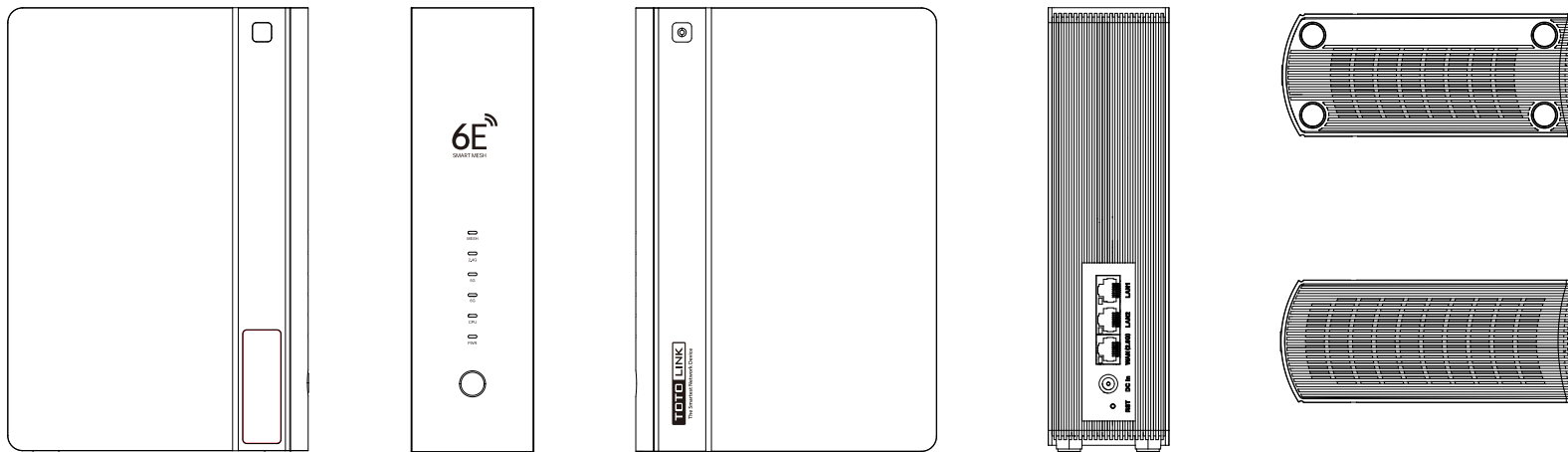
WPA3

Supports WPA3 wireless security protocols to ensure network security

Specification

Hardware

- Ethernet Port : 2*10/100/1000Mbps LAN Ports
1*10/100/1000/2500Mbps WAN Port
- Power Supply : 12VDC/2A
- Button : DC/IN*1、MESH*1、RST*1
- LED Indicators : 1* CPU, 1* 6G/WIFI, 5G/WIFI*1、2.4G/WIFI*1、MESH*1
- Antenna :
 - 2 * Built-in 2.4G band antennas
 - 4 * Built-in 5G band antennas
 - 2 * Built-in 6G band antennas
- Dimensions (W x D x H) : 235 x 160x 65mm



Wireless

- Standards :
 - IEEE802.11n/g/b/a/ac/ax
 - IEEE802.3、IEEE802.3u、IEEE802.3ab、IEEE802.3bz
- RF Frequency : 2.4GHz/5GHz/6GHz
- Data Rate :
 - 2.4G 2*2: 574Mbps ; 5G 4*4: 4804Mbps ; 6G 2*2: 2402Mbps
- EIRP :
 - 2.4GHz < 20dBm ; 5GHz < 23dBm ; 6GHz < 23dBm
- Wireless Security :
 - 64/128-bit WEP, WPA, WPA2,WPA3 and WPA-PSK/WPA2-PSK

Specification

Wireless

- Reception Sensitivity :

2.4G RX: 11B_11M: -85 dBm,

11G_54M: -72 dBm, HT20_MCS7: -68 dBm, HT40_MCS7: -65 dBm, HE-SU40 MCS11: -53dBm;

5G RX: 11A_54M: -68 dBm, HT20_MCS7: -65 dBm, HT40_MCS7: -62 dBm, VHT80_MCS9: -51 dBm,

HE-SU40 MCS11: -47dbm, HE-SU80 MCS11: -46dbm, HE-SU160 MCS11: -43dBm;

6G RX: 11A_54M: -68 dBm, HE-SU20 MCS11: -49 dBm, HE-SU40 MCS11: -47 dBm, HE-SU80 MCS11: -46 dBm, HE-SU160 MCS11: -43 dBm;

Others

- Package Contents :

AX7800 Wi-Fi 6E Smart Mesh System *1

Power Adapter *1

Ethernet Cable *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