

AXE7800 Tri-Band Wi-Fi 6E Router

MODEL: EX920



Overview

EX920 is a high-performance Wi-Fi 6E Tri-band mesh wireless router with two 2.5Gbps Ethernet ports and one USB 3.0 port. Deliver even more faster Wi-Fi speeds with less interference and congestion while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for FTTH deployment and a fully connected home.



AXE7800 Tri-Band Wi-Fi

Deliver total Wi-Fi speeds up to 7.8 Gbps across 6 GHz, 5 GHz, and 2.4 GHz bands for even faster speeds, lower latency, and better online experience.



Works on 6 GHz Band

Minimize congestion with greenfield spectrum to enable high-bandwidth applications that require faster data throughput.



2.5G Wired Connection

Take full use of the bandwidth speeds to 2.5 Gbps through a 2.5 GE WAN port and a 2.5 GE LAN port for even faster internet access and wired connection.



Easy Remote Management

TR-069 and TR-369 protocols, Aginet app, and TAUC (TP-Link Aginet Unified Cloud) are supported, service providers can manage multiple devices remotely.

Specifications

Hardware

- **Interface**
1× 10/100/1000/2500 Mbps RJ45 WAN Port,
1× 10/100/1000/2500 Mbps RJ45 LAN Port,
2× 10/100/1000 Mbps RJ45 LAN Ports,
1× USB 3.0 Port
- **Antenna**
Internal Wi-Fi antennas
- **External Power Supply**
12VDC/3.3A
- **Dimensions (W * D * H)**
4.5 × 4.5 × 9.1 in (115 × 115 × 232 mm)
- **Button**
Power On/Off Button, Reset Button, Wi-Fi On/Off Button,
WPS Button
- **CPU**
2 GHz ARM Quad-Core CPU

Wireless

- **Wireless Standards**
IEEE 802.11ax 6GHz, IEEE 802.11a/n/ac/ax 5GHz,
IEEE 802.11b/g/n/ax 2.4GHz
- **Mesh Protocol**
802.11k/v/r
- **Frequency**
2.4GHz, 5GHz, and 6GHz
- **Signal Rate**
574 Mbps on 2.4GHz, 4804 Mbps on 5GHz, 2402 Mbps on 6GHz
- **Transmit Power**
CE: <20dBm (2.4GHz); <23dBm (5GHz); <23dBm (6GHz)
FCC: <30dBm (2.4GHz); <30dBm (5GHz); <30dBm (6GHz)
- **Wireless Security**
WPA/WPA2/WPA3 Personal
- **Wireless Function**
Enable/Disable Wireless Radio, WMM, Wireless Statistics,
Multi-SSID, Guest Network, TX Beamforming
- **Wireless Schedule**
Supports 2.4 GHz, 5 GHz, and 6 GHz Wireless Schedule
- **EasyMesh Support**
Seamless Roaming, Self-healing, 80211k/v/r Support

Software

- **Working Mode**
Router Mode, Access Point Mode
- **WAN Type**
Dynamic IP/Static IP/PPPoE/PPTP/L2TP/Bridge
- **Protocols**
Supports IPv4 and IPv6
- **Multi SSID**
Up to 3 SSIDs for each band (including main SSID)
- **Features**
Parental Control, QoS (Quality of Service), Address Reservation,
Port Forwarding, Cloud Firmware Upgrade, Firewall, Network
Diagnostic, CWMP, Traffic Statistic, 1024-QAM, MU-MIMO,
OFDMA
- **Management**
Local management: WebGUI management, Aginet app management
Remote management: TR-069, TR-181, TR-369, TR-111, TR-143
Cloud management: TAUC
- **DHCP**
Server, DHCP Client List, Address Reservation
- **Port Forwarding**
Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS**
NO-IP, DynDNS
- **VPN Server**
PPTP, OpenVPN, IPSec
- **VPN Pass-through**
IPSec, PPTP, L2TP
- **Access Control**
Parental Control, Local Management, Host List, White/Black List
- **Firewall Security**
DoS, SPI Firewall, IP and MAC Address Binding

Others

- **System Requirements**
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8,
8.1, 10, MAC OS, NetWare, UNIX or Linux Internet Explorer 11,
Firefox 12.0, Chrome 20.0, Safari 4.0 browsers or higher.
- **Certifications**
FCC
- **Environment**
Operating Temperature: 0°C~40°C (32°F ~104°F)
Storage Temperature: -40°C~60°C (-40°F ~140°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- **Package Contents**
AXE7800 Tri-Band Wi-Fi 6E Router EX920
1× RJ45 Ethernet Cable
1× Power Adapter
1× Quick Installation Guide