

AXE11000 Tri-Band 10G Wi-Fi 6E Router

MODEL: EX1110



Overview

EX1110 is a high-performance Wi-Fi 6E Tri-band mesh wireless router with a 10 GE WAN port, a 10 GE LAN port, and a gigabit LAN port. Deliver even more faster Wi-Fi speeds with less interference and congestion while being backwards compatible with 802.11 a/b/g/n/ac Wi-Fi devices. Perfect for FTTH deployment and a fully connected home.



AXE11000 Tri-Band Wi-Fi

Deliver total Wi-Fi speeds up to 11 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.



Outstanding 10Gbps Wired Performance

Take full use of the bandwidth speeds to 10 Gbps through a 10 GE WAN port and a 10 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.

Features



Upgrade Your Wi-Fi to 6E

Wi-Fi 6E utilizes the capabilities of 6 GHz to enable high-bandwidth applications that require faster data throughput such as high-definition video streaming and virtual reality, as well as lower latency connectivity for online gaming applications.

- More spectrum, lower latency
- Congestion-free, less interference
- Wider channels, more throughput
- Supports all WiFi generations and devices



Seamless Roaming

TP-Link mesh devices work together to form mesh network. Your phone or tablet automatically connects to the fastest mesh device as you move through your home, creating a truly seamless WiFi experience.

Hardware Description



- WPS Button
- Gigabit LAN Port
- 10G LAN Port
- 10G WAN Port
- Reset Button

Specifications

Hardware

- **Interface**
 - 1× 10 Gbps RJ45 WAN Port,
 - 1× 10 Gbps RJ45 LAN Port,
 - 1× 10/100/1000 Mbps RJ45 LAN Port
- **Antenna**
 - High-Gain Internal Antennas
- **External Power Supply**
 - 12VDC/4.5A
- **Dimensions (W * D * H)**
 - 5.12 × 4.86 × 9.49 in (130 × 123.5 × 241 mm)
- **Button**
 - Reset Button, WPS Button
- **CPU**
 - 2.2 GHz 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**
 - 1148 Mbps on 2.4GHz, 4804 Mbps on 5GHz, 4804 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

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**
 - DHCP Server, DHCP Client List, Address Reservation
- **Port Forwarding**
 - Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS**
 - NO-IP, DynDNS, TP-Link
- **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, RoHS
- **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**
 - AXE11000 Tri-Band 10G Wi-Fi 6E Router EX1110
 - 1× RJ45 Ethernet Cable
 - 1× Power Adapter
 - 1× Quick Installation Guide