Aginet

Reliable. Flexible. Connected.

Aginet Solution | Fiber OLTs/ONTs | Wi-Fi Routers |
Mesh Wi-Fi Systems | 5G/4G Routers | xDSL Modem Routers



tp-link

CORPORATE PROFILE

TP-Link serves as the network backbone for homes and businesses worldwide. With humble beginnings in 1996, the company has grown to what it is today: a global provider.
You can find our Reliably Smart devices connecting 1.7 billion people in over 170 countries and regions. These numbers have led analyst firm IDC to rank us as the No. 1 provider of Wi-Fi devices for over a decade.*
We understand the importance of the always-connected lifestyle. Our products feature the latest technologies and are engineered to last. The TP-Link portfolio includes home-business-ISP networking, surveillance, and consumer electronics. Rest assured that you're receiving our proven stability, performance, and value with every device.
As our lives grow ever more connected, TP-Link will continue to pursue excellence and explore the possibilities of tomorrow.

TP-Link Service Provider Business Unit

The Service Provider Business Unit (SPBU) is one of the four major business units under TP-Link, fully dedicated to developing home and business networking solutions and services for internet service providers (ISPs), consumers, and partners around the world. We have built reliable partnerships with the leading ISPs from around the world.
Under the Aginet flag, SPBU offers a comprehensive range of products and solutions including Aginet Solutions, xPON OLTs, xPON ONTs Wi-Fi routers, Whole Home Mesh Wi-Fi Systems, 4G/5G routers, and xDSL modem routers. All of these are backed by innovative R&D, quality-assured vertical manufacturing, and excellent pre-and-after sales services.

*According to the latest published IDC Worldwide Quarterly WLAN Tracker Report, Q4 2022 Final Release.



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Why TP-Link Aginet

We offer innovative technology, flexible products, management solutions, and incomparable services to empower ISPs and provide better user experience to end users around the globe.



Aginet for Internet Service Providers



Aginet stems from TP-Link's commitment to offering a highly agile network solution to service providers to match their ever-changing markets. This symbolizes the necessity for a holistic system that relies on trustworthiness and flexible cooperation. The logo's straightforward and impactful visualization stresses Aginet's three core concepts: professionalism, agility, and reliability.



One-Stop Solution

Aginet provides a reliable foundation for cooperation

- Carrier-grade products and tailor-made solutions
- TAUC reduces operational costs and improves customer satisfaction
- The Aginet app brings convenience and flexibility
- Guaranteed quality with rigorous testing and whole-process quality control



Customized Design

Independent R&D and manufacturing capabilities work in conjunction with rich certification to better meet ISPs' demands

- Field-tested functions & features
- Remote management & auto provision interoperability
- Simplified operation and reduced costs for ISPs
- High-quality lab certification



Logistic Support

High-quality logistic support ensures operators receive better services and faster product delivery

- High-efficiency customs clearance
- Pre-stocking service per forecast
- Warehouse localization support
- Quick & responsive delivery process



Pre/After-Sales Service

41 sales companies ensure operators can be supported in a very short time

- Global service coverage
- Local technical service and training
- Quick response

Key Technology of This Year

TP-Link has always been committed to researching the world's cutting-edge, emerging technologies. We strive to make our products smarter and more powerful, providing truly seamless connections between devices and giving users better experiences.



Wi-Fi 7

Multi-Gig Internet Access Solution
for Connected Homes

XGS-PON 5G EasyMesh

Advanced Internet Access Solution for a Fully Connected Home

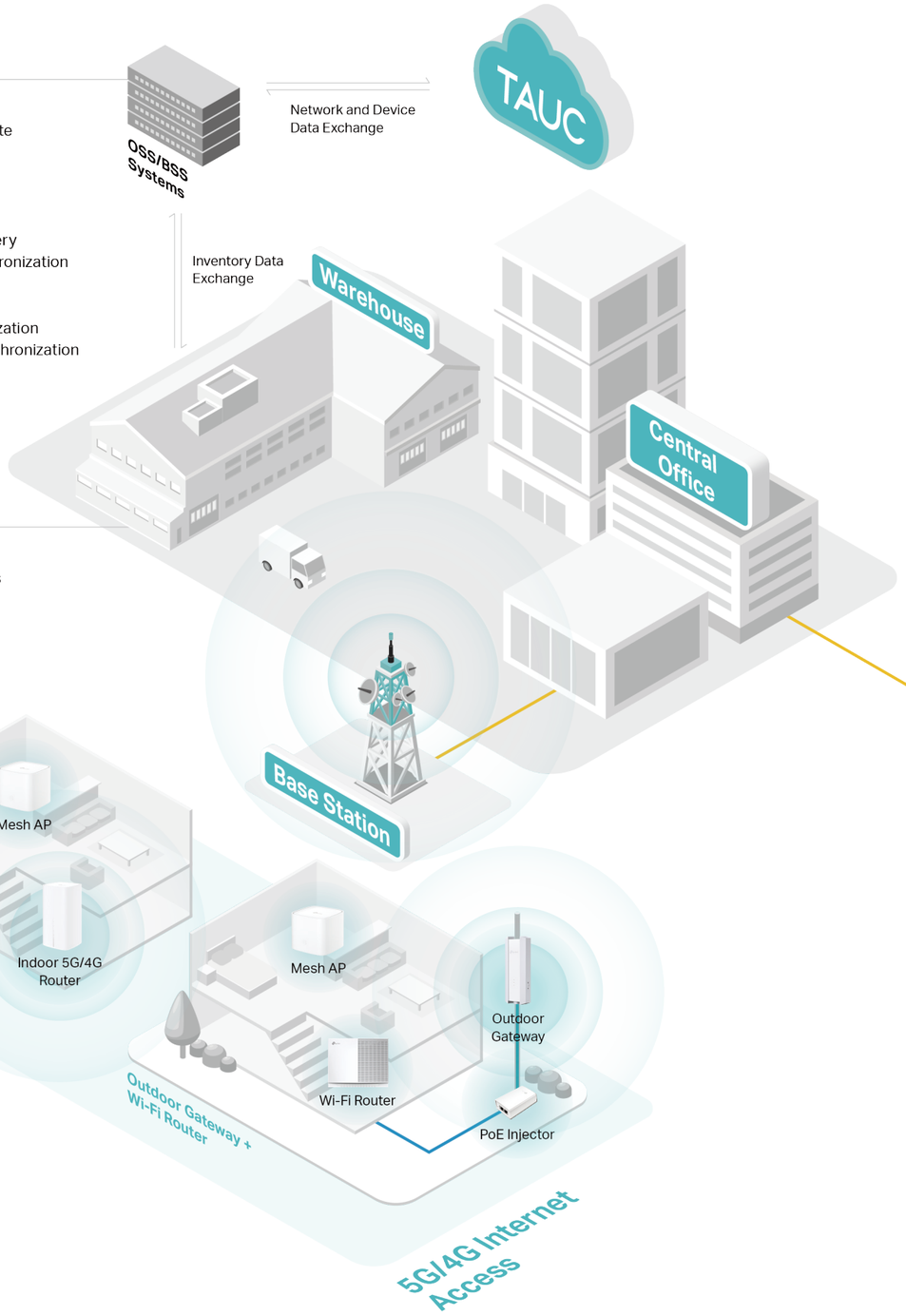
RMA System
Inventory Information Update
CPE Configuration Transfer

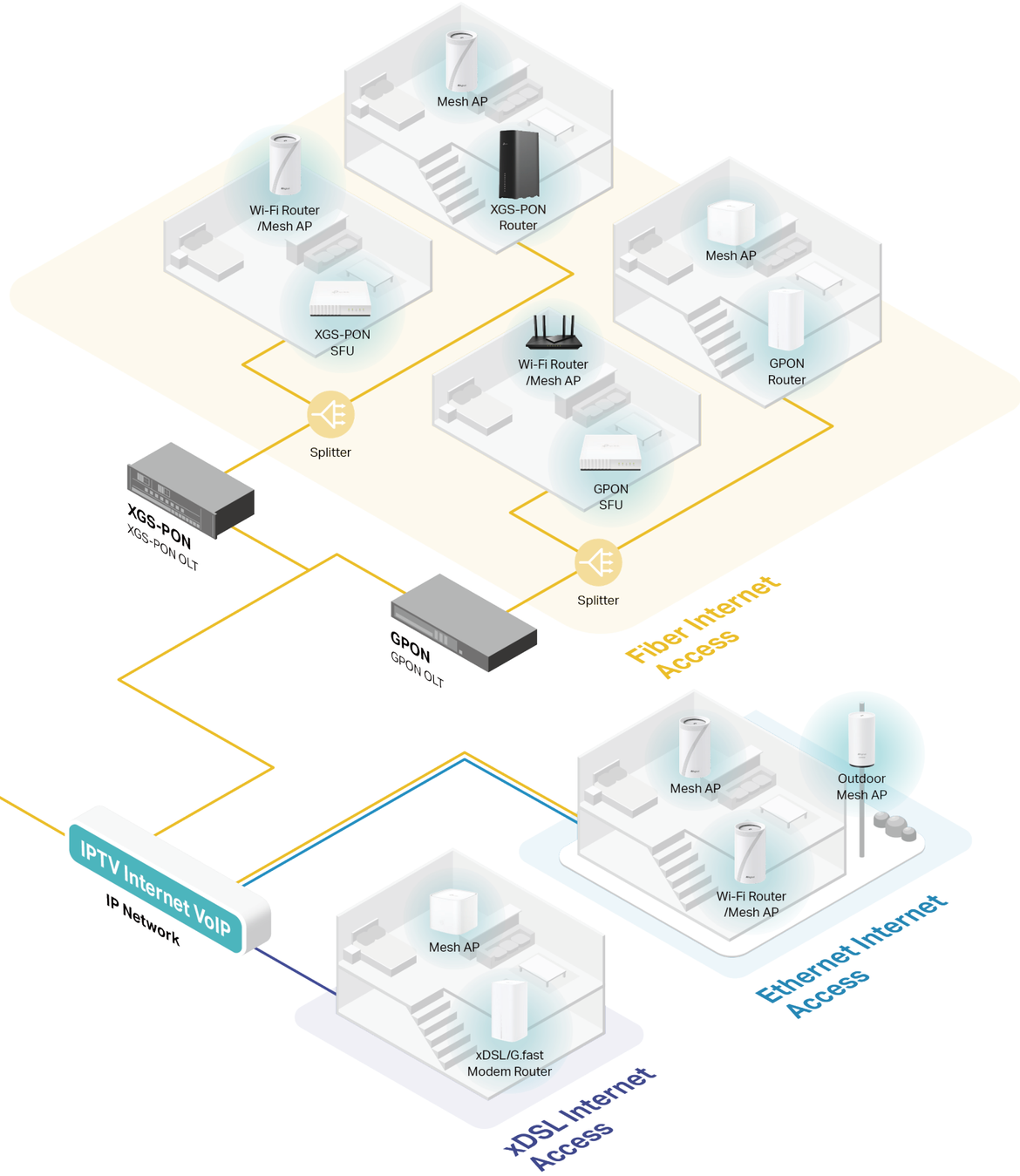
Billing System
CPE Online Status Track
CPE Online Information Query
Account Information Synchronization

CRM System
CPE Information Synchronization
Customer Information Synchronization
Auto Network Creation

Call Center
Network Health Check
Network Problem Analysis
Network Optimization

Aginet Config
Customize Factory Settings
Batch Configuration
Batch Upgrade
Order Record





Fiber
Ethernet Cable
Phone Cable
PoE

	Wi-Fi 7	Wi-Fi 6E	Wi-Fi 6	EasyMesh
Fiber Internet Access	•	•	•	•
Ethernet Internet Access	•	•	•	•
5G/4G Internet Access	•	-	•	•
xDSL Internet Access	-	-	•	•

Aginet Solution for ISPs

The Aginet Solution includes the TAUC (TP-Link Aginet Unified Cloud) solution, Aginet Config, and Aginet app. It provides ISPs with a fully-functional Wi-Fi management platform. ISPs can easily reduce operational costs and max their profits with the powerful and flexible solution.

Management System

TP-Link Aginet Unified Cloud (TAUC)
Manage Wi-Fi services for the connected home via the cloud.

Mobile Application

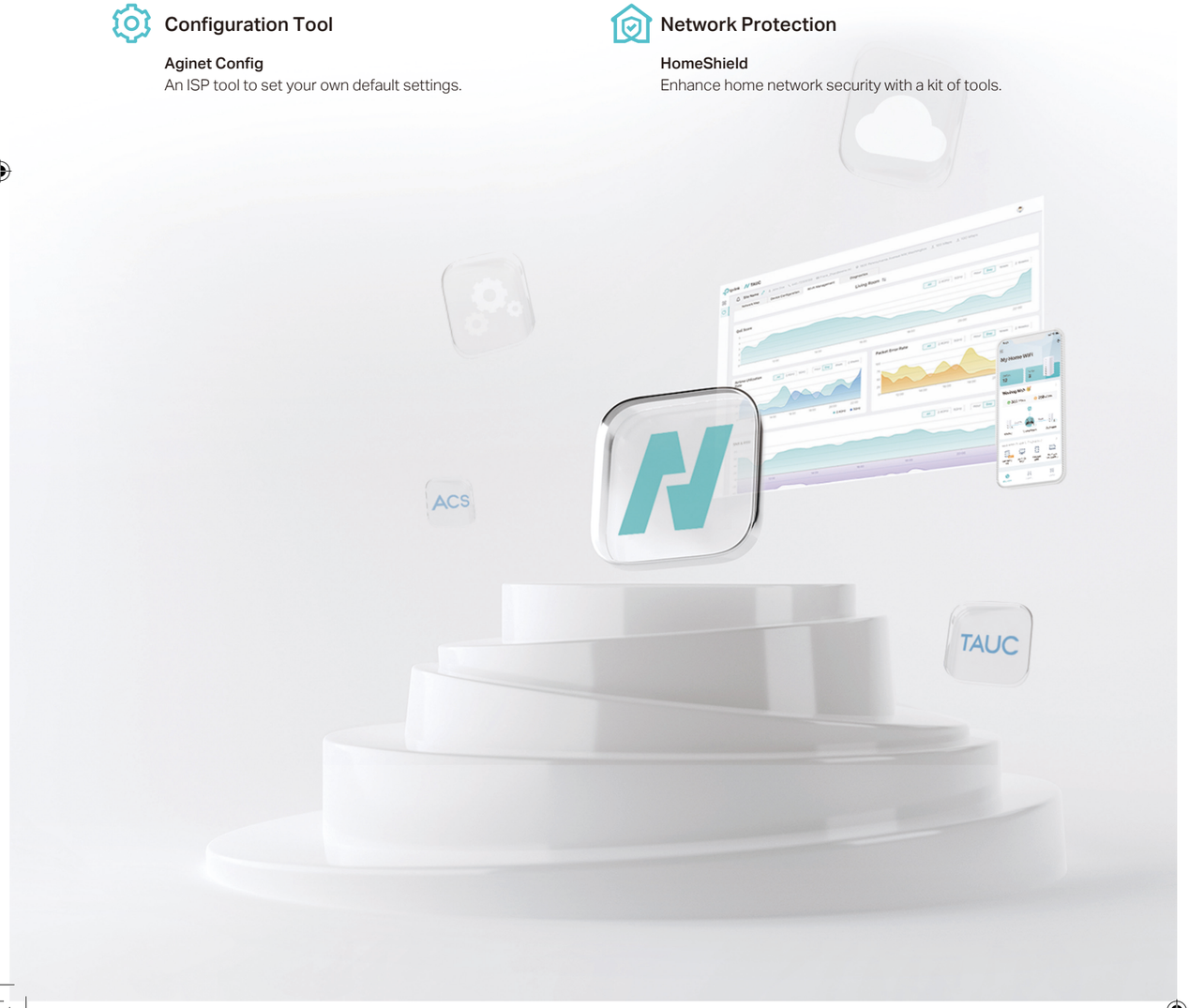
Aginet App
End users can set up, manage, and monitor their network with their phone or tablet.

Configuration Tool

Aginet Config
An ISP tool to set your own default settings.

Network Protection

HomeShield
Enhance home network security with a kit of tools.



TAUC

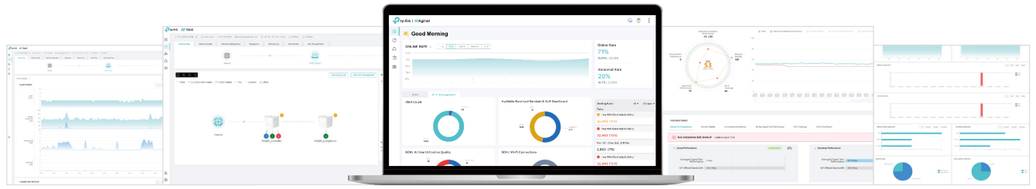
Wi-Fi Management Solution for ISPs

As a next-gen Wi-Fi management solution, TAUC offers the TR-369 USP cloud server, carrier-grade TR-369 CPE, a customized mobile app, and tailor-made API services for our ISP customers. ISPs can easily roll out their service plans with increased ROI and better user experience.



Easy Device Management and Monitoring

TAUC's easy-to-use and self-explanatory dashboards and reports help operators to easily know their network status, manage, monitor, and troubleshoot their subscriber's network via the visualized data charts and reports. The operator team can aslo manage the Wi-Fi routers, mesh Wi-Fi systems, xDSL modem routers, xPON routers, and 4G/5G CPEs from a single interface from anywhere, anytime.



Network Performance Monitoring | Real-Time Mesh Topology and KPI-Metric Radar Chart | Network and Wi-Fi Status Dashboard | Network Health at a Glance | Deployment Report

Automated Deployment, Provisioning, and Configuration

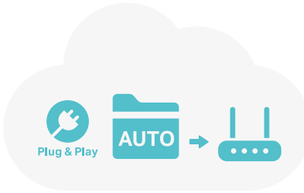
Leveraging a unified platform and industry standard protocols, TAUC enables service providers to accelerate the rollout process by performing zero-touch deployment and provisioning without onsite support. The subscribers can also enjoy a hassle-free plug-and-play experience.

broadband forum | Wi-Fi Alliance | OPENAPI INITIATIVE

Auto Onboarding of Mesh Network

PPPoE VLAN Configuration

IPv4/IPv6 Dual-Stack



IP Address Setting

Customized Setting...

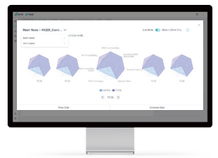
Zero-Touch Deployment | Batch Management | Cloud to CPE | Scheduled Execution

Advanced Wi-Fi Diagnostics and Comprehensive Network Health Check



Advanced Wi-Fi Diagnostics for Troubleshooting

Collect and generate multi-dimensional connectivity data of the entire network, including mesh modes and clients in near real time via Live Mode. Gain more insights by downloading the key Wi-Fi metrics report for further offline analysis.



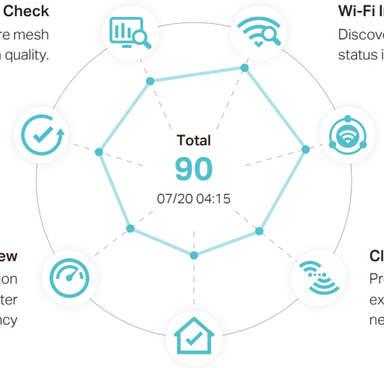
Comprehensive Network Health Check Offers Instant Insights

TAUC's network health check feature integrates a complete evaluation system to identify the potential network and connection issues that may impact end user's network and Wi-Fi experiences every 15 minutes and offers actionable and visualized insights to solve the problems remotely.

Mesh Network Stability Check
Provides visualized connection status of entire mesh network nodes and its backhaul connection quality.

Wi-Fi Interference Detection
Discover Wi-Fi interference and evaluate congestion status in the surrounding environment

Internet SLA Compliance Verification
Measures and verifies the consistency between the actual internet performance and the service plan offered



Wi-Fi Coverage Analyses
Find the causes for poor connections by checking the Wi-Fi network and client connection status including connection protocol and RSSI

Speed Test Review
Offers 30-day internet and Wi-Fi connection speed data of each mesh node, including jitter and latency

Client Roaming Review
Provides the QoE score and the roaming experience status for each client in the mesh network

Client Health Check
Offers comprehensive Wi-Fi connection, signal status data, and Wi-Fi efficiency data for all connected clients

Comprehensive Network Insights for Connected Homes

Deliver excellent support to your subscribers live and remotely whether to troubleshoot their network issues or detect network bottleneck and Wi-Fi performance issues that may lead to poor experiences.

Tier-1
Proactive Monitoring
- Abnormal Networks

Tier-2
Network Health Check
- Alert-oriented Health Check

Tier-3
Live Mode Diagnostics
- 1-min Live Data
- Multi-Dimensional Wi-Fi Metrics

Tier-4
Historical Data Analysis
- Historical Trend Charts
- Tracking of Abnormal Events

Empowered Operation and Maintenance

Cloud-Based Alarm & Optimization

The TAUC platform proactively resolves internet and network issues, as well as Wi-Fi coverage and connectivity problems in your subscribers' networks, all before they even notice—thanks to our auto and expandable optimization policies.

Internet Connection Alarm	Network Stability Alarm	Environment Alarm	Internet Speed Alarm	Wi-Fi Coverage Alarm	Client QoE Alarm	Mesh Roaming Alarm
TAUC Cloud Computing						
Alarm Event						
· Internet offline · Poor WAN connectivity	· AP offline · Poor backhaul · 2.4GHz backhaul	· Strong Wi-Fi interference · Wi-Fi congestion rate · Same SSID	· Inconsistent ISP speed · Low AP speed · Delay · Jitter	· Poor Wi-Fi coverage · Wi-Fi retry rate · Weak RSSI · Power mismatched	· Poor RSSI · Unstable connection · Longer network ready time	· Poor roaming performance
Optimization Policy						
· Reboot gateway (Auto-optimization) · ISP check	· Reboot GW or AP · 5GHz backhaul (Auto-optimization)	· Channel selection (using chipset algorithm) (Auto-optimization)	· ISP check	· Move client · Upsell new AP · Enable high-power (Auto-optimization)	· Move client	· Forced steering (Auto-optimization)

Unified Cloud Management

Manage and monitor all your networks from wherever you are, whenever you need, which vastly enhances accessibility, reliability, and flexibility, making the TAUC a boon for your businesses and households alike.

- No Hardware Investment and Maintenance
- High Scalability
- Reliable and Secure
- Fast Reconstruction and Recovery

Container-Based Architecture Facilitates Fast Provisioning

Based on the USP Software Module Management standard, TAUC integrates LXC container-based application services and lifecycle management, enabling ISPs to deliver and mange new services in short time based on existing hardware.

- Fast Service Delivery
- Cloud Batch Upgrade
- Subscription Management
- Container Application Monitoring
- Overall Health Check

Aginet Config

Aginet Config can deploy ISP-customized config as the default for all devices. The configuration will stay when your customers restore their devices with the reset button, reducing your operational costs and maintenance fees.



Easy-to-Run Aginet Config



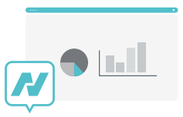
Step 1

Prepare a computer and a switch



Step 2

Download and install Aginet Config software



Step 3

Generate configuration files with ISP customized settings



Step 4

Import configuration files and the devices will be automatically configured in batches

Challenges to ISPs

- Devices need to be manually modified individually
- Difficult to upgrade all devices to the latest firmware at once
- Resets will erase ISP default configurations
- ISPs need to provide high-cost after-sales services

Solution Benefits

- **Customized Configuration**
  Change any setting on the management panel and make them a deployment model. You can even change the logo and favicon on the panel to achieve in-depth customization.

- **Batch Firmware Upgrade**
  ISPs can update the firmware for different models all at once—no specialized equipment required. Their clients can also enjoy the improved performance and features the new firmware provides.

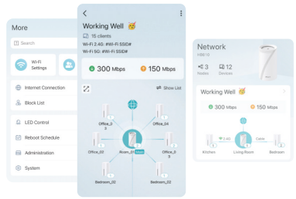
- **Worry-Free Reset**
  Configurations made with Aginet Config will update the device factory configuration. When customers press the reset button, the device will keep the ISP configuration after the reset.

- **Centralized Flexibility**
  Aginet Config allows ISPs to batch configure individual settings like password and SSID for each device, meeting the needs for both efficiency and flexibility.

Aginet App

Benefits

Improved end-user experience



Wi-Fi management and visualization

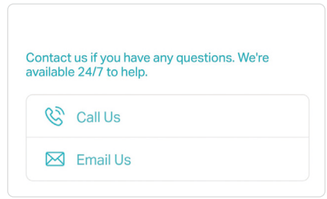
End users can set up their network and manage their Wi-Fi more simply.

Enhance your business value



Brand exposure

Display your brand together with Aginet to increase brand awareness.



After-sales service entrance

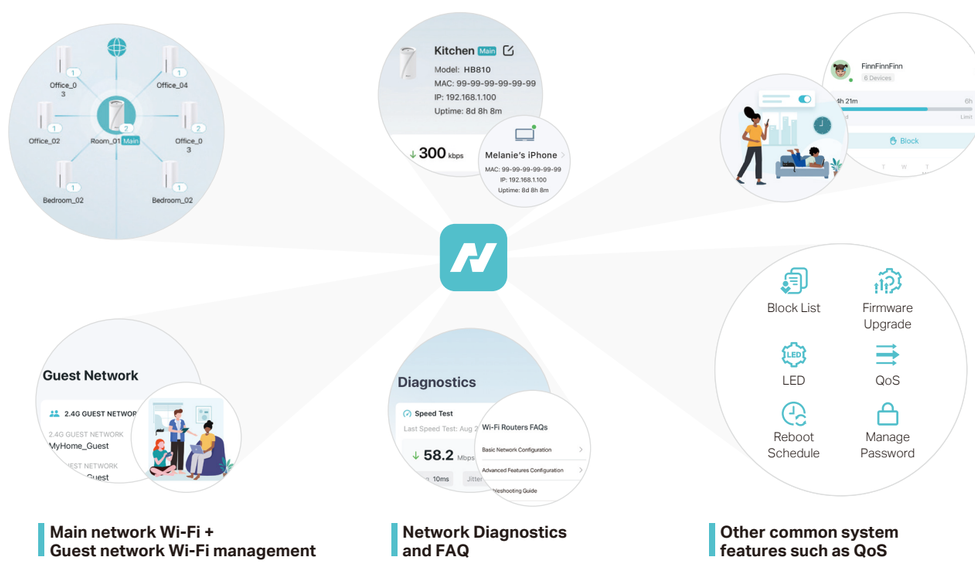
Guides end users straight to their technical support.

Key Features

Management of network topology

Management of devices and clients

Parental Controls



Main network Wi-Fi + Guest network Wi-Fi management

Network Diagnostics and FAQ

Other common system features such as QoS

Managed Products



Wireless Router

Mesh Wi-Fi System



DSL Router



Fiber ONT

5G/4G Router



Network security is always important to us. With HomeShield, managing your family's internet has never been easier. Many potential risks can be controlled effectively (e.g., private info leakage and internet addiction). The built-in home networking protection kit covers all security scenarios with its network security, parental controls, QoS, and comprehensive reports.

Network Protection



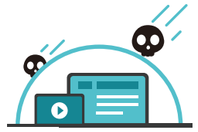
Real-Time IoT Protection

Protects your IoT and other connected devices from any cyber threats and attacks.



Malicious Site Blocker

Safeguards your family by intelligently preventing access to malicious URLs.



Intrusion Prevention

Identifies and blocks potential threats and fixes vulnerabilities in the network.

Robust Parental Controls

Age-level filters and online time limits provide families with personalized and appropriate internet access. With detailed reports of home networks, families can check the sites their children visit and see how much time they spend on each. This works great to keep children safe while they have fun online.



App Blocker

Blocks inappropriate apps by category or by the app itself to ensure children's online experience.



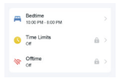
Content Filter & Safe Search

Block inappropriate content for your kids to search for and read by setting keywords like violence, gambling, and more.



YouTube Restrictions

Block potentially unsafe videos and channels that might contain inappropriate content.



Time Schedule

Ensures your family maintains healthy digital habits by setting time schedules and granting extra online time.

Exclusive KidShield App, Comprehensive Network Safety for Kids

The exclusive parental controls app, KidShield, adds "on the go" scenes, which allow parents to monitor children's locations and block inappropriate apps/websites even when they aren't connected to your home Wi-Fi. This helps solve the problem of management permissions when children are off your network.



Geofencing and Real-Time GPS Locations



Device Management

Quality of Service (QoS)

Prioritize your bandwidth needs for a faster networking experience.

Comprehensive Reports

Gain full statistics and insights to help you better understand your home network.

Fiber OLTs/ONTs

TP-Link's fiber solution delivers multiple services through a single optical fiber connection to support popular triple-play services. Advanced technologies bring a combination of broadband internet, HDTV, VoIP, and online gaming straight to subscribers.



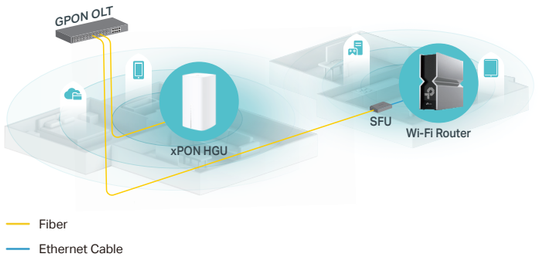
APPLICATION SCENARIO

Problem

Traditional copper access offers little in terms of restorability and upgradability—all at a higher cost.

Solution

TP-Link's fiber solution offers both one-box and two-box solutions, which can help ISPs flexibly roll out their upgraded service plans through a single optical fiber connection and offer subscribers ultra-fast online experiences.



FUNCTIONS





Multi-Application Scenario

Enables smooth IPTV connections and easy file and media sharing within your network or over the internet. With FXS ports, users can make or receive high-quality phone calls over the internet.

Superfast Connections and Large Data Streams

Provides ultra-fast Wi-Fi speed in the 2.4 GHz, 5 GHz, and 6 GHz bands, ensuring higher data transmissions and lower latency.





10G Symmetrical Speeds

Delivers up to 10 Gbps symmetrical internet speeds for high-bandwidth applications and superb online experiences. The GPON and EPON dual mode offers great flexibility for fiber connections.

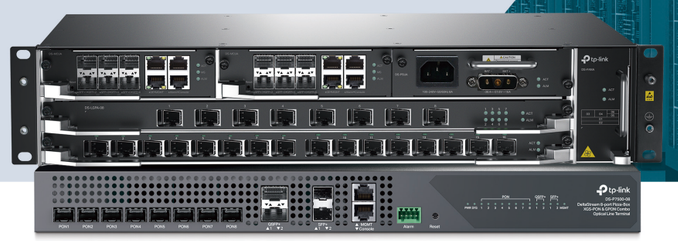
Remote Management for ISPs

ISPs can remotely manage end-user devices through the TR-069 protocol, realizing batch firmware upgrades, real-time device status monitoring, and remote diagnosis and configuration of devices.

OLTs

XGS-PON OLTs

10G Symmetrical Speeds Delivery with Carrier-Grade Reliability



TP-Link DeltaStream OLT portfolios provide both XGS-PON and GPON internet access, meeting different deployment scenarios and requirements. The multiple management tools suit all service providers. The redundancy of dual power supplies provides carrier-class reliability and easy maintenance.



DS-P8000-X2

DeltaStream Chassis Optical Line Terminal

- 2× service boards support up to 32× GPON ports or 32× XGS-PON & GPON Combo ports
- Supports 1:128 splitting ratio for GPON and 1:256 for XGS-PON
- 6× 10G SFP+ ports offer high-bandwidth uplink connectivity
- Dual main control units ensure automatic service switching without interruption
- 1× Console and 1× Management port for out-of-brand management
- Carrier-class reliability with pluggable AC + DC power supply
- L2 & Advanced L3 Functions satisfy numerous commercial requirements
- Centralized management via the DeltaStream PON Management System (DPMS), SNMP, CLI, and Web UI



DS-P7500-08

DeltaStream 8-port Pizza-Box XGS-PON& GPON Combo Optical Line Terminal

- 8× XGS-PON&GPON combo ports support both XGS-PON and GPON delivery
- Supports up to 2048 XGS-PON ONTs and 1024 GPON ONTs with one device
- 2× 40G QSFP+ and 2× 10G SFP+ ports offer high-bandwidth uplink connectivity
- 1× Console and 1× Management port for out-of-band management
- Dual hot-swappable power supplies: AC, DC, or mixed power supplies
- L2 & Advanced L3 Functions satisfy numerous commercial requirements
- Centralized management via the DeltaStream PON Management System (DPMS), SNMP, CLI, and Web UI

GPON OLTs



DS-P7001-16

DeltaStream 16-Port Pizza-box GPON Optical Line Terminal

- Centrally manage via the DeltaStream PON management system
- 16× GPON ports
- Supports 1:128 splitting ratio for every port—up to 2048 ONTs with one device
- 4× 10GE SFP+ and 2× GE RJ45 uplink ports
- 1× Console and 1× Management port for out-of-brand management
- Dual Hot-Swap AC, DC, or mixed power supplies
- 17.3 × 16.8 × 1.7 in (440 × 427 × 44 mm)
- Rack-Mountable



DS-P7001-08

DeltaStream 8-Port Pizza-box GPON Optical Line Terminal

- Centrally manage via the DeltaStream PON management system
- 8× GPON ports
- Supports 1:128 splitting ratio for every port—up to 1024 ONTs with one device
- 2× 10GE SFP+ and 1× GE RJ45 uplink ports
- 1× Console and 1× Management port for out-of-brand management
- Dual Hot-Swap AC, DC, or mixed power supplies
- 17.3 × 10.2 × 1.7 in (440 × 260 × 44 mm)
- Rack-Mountable



DS-P7001-04

DeltaStream 4-Port Pizza-box GPON Optical Line Terminal

- Centrally manage via the DeltaStream PON management system
- 4× GPON Ports
- Supports 1:128 splitting ratio for every port—up to 512 ONTs with one device
- 1× 10G SFP+ and 1× GE RJ45 uplink ports
- 1× Console and 1× Management port for out-of-brand management
- Dual built-in AC+DC power supplies
- 17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
- Rack-Mountable

PON Features

- Standard OMCI Management Supported
- Uplink and Downlink Data Encryption
- Rogue ONU Detection and Isolation
- ONU Auto Authentication
- Multi-Service Traffic Identification and Rate Limit

L2 and L2+ Features

- Static Routing
- IGMP Snooping/MLD Snooping
- 802.1Q/MAC/Protocol VLAN
- STP/RSTP/MSTP
- Link Aggregation Group (LAG)
- Port Isolation
- DHCP Relay
- IEEE 802.1p/DSCP QoS

Security Strategies

- ACL (IPv4/IPv6)
- IP-MAC-Port-VID Bindling
- ARP Inspection
- IP Source Guard
- 802.1x Authentication
- DoS Defend

Centralized Management

- Large-Scale Devices Management
- OLT Batch Configure, Upgrade, Reboot
- Multi-Site Management
- Intelligent Network Monitoring
- Real-time Network Overview





XGB830v

BE19000 Tri-Band Wi-Fi 7 XGS-PON VoIP Router

BE19000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) + 5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

Multi-Gig Wired Speeds
1× PON port + 1× 10GE WAN/LAN port + 4× GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



XGB430v

BE7200 Dual Band Wi-Fi 7 XGS-PON VoIP Router

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

Multi-Gig Wired Speeds
1× PON port + 1× 2.5GE WAN/LAN port + 1× 2.5GE LAN port + 3× GE LAN ports

VoIP Calls
2× FXS ports

Easy Media Sharing
1× USB 2.0 port

Enhanced Security
TP-Link HomeShield

- **Wi-Fi 7 Technology:** Enjoy extreme Wi-Fi performance in network speed, efficiency, and capacity with 4K-QAM, OFDMA, and Multi-Link Operation (MLO).
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** OCMI, TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.



XGZ030v

1-Port XGS-PON Terminal with VoIP

10G Wired Speeds
1× PON port + 1× 10GE LAN port

VoIP Calls
1× FXS port

Remote Management
Supports OCMI



XGZ030

1-Port XGS-PON Terminal

10G Wired Speeds
1× PON port + 1× 10GE LAN port

Remote Management
Supports OCMI

The HomeShield feature is being developed and may be available by software update on some models.

GPON Wi-Fi 7/6 Routers



Advanced Technology.
Combined Network.

AX6000 Dual-Band Wi-Fi 6 GPON VoIP Router

XX830v

2.5G Wired Speeds | EasyMesh Compatible | MU-MIMO | VoIP Calls | Cloud Management



XB430v

BE7200 Dual Band Wi-Fi 7 GPON VoIP Router

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

Multi-Gig Wired Speeds
1× PON port + 1× 2.5GE WAN/LAN port + 3× GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield

XX830v

AX6000 Dual Band Wi-Fi 6 GPON VoIP Router

AX6000 Dual-Band Wi-Fi
4804 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)

Multi-Gig Wired Speeds
1× PON port + 1× 2.5GE WAN/LAN port + 3× GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



XX530v

AX3000 Dual Band Wi-Fi 6 GPON Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds
1× PON port + 1× GE WAN/LAN port + 3× GE LAN ports

VoIP Calls
1× FXS port

Easy Media Sharing
1× USB 2.0 port

Enhanced Security
TP-Link HomeShield



XX230v

AX1800 Dual Band Wi-Fi 6 GPON Router

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds
1× PON port + 1× GE WAN/LAN port + 3× GE LAN ports

VoIP Calls
1× FXS port

Easy Media Sharing
1× USB 2.0 port

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE160/80.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **VoIP Calls:** Supports multiple VoIP accounts and various call features to surpass traditional landlines.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** OCMI, TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.

xPON Wi-Fi 5/4 Routers



XC220-G3v (V2.30)

AC1200 Wireless VoIP XPON Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
3× GE LAN ports

VoIP Calls
1× FXS port



XC220-G3

AC1200 Wireless XPON Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
2× GE LAN ports

- **XPON Support:** Compatible with GPON and EPON internet connections.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology
- **Remote Management:** OMCI TR-069 (TR-098/TR-181). TR-111. and TR-143 are supported.



XN021-G3

300 Mbps Wireless N Gigabit XPON Router with CATV

N300 Wi-Fi
300 Mbps (2.4 GHz)

High-Speed Wired Access
1× GE LAN port + 1× FE LAN port

Cable Television Access
1× CATV port



XN020-G3

300 Mbps Wireless N Gigabit XPON Router

N300 Wi-Fi
300 Mbps (2.4 GHz)

High-Speed Wired Access
1× GE LAN port

- **XPON Support:** Compatible with GPON and EPON internet connections.
- **Remote Management:** OMCI and TR-069 (TR-098) are supported.

xPON SFU



XZ005-G6v

1-Port 2.5GE LAN XPON Terminal with VoIP

2.5G Wired Speed
1× 2.5GE LAN port

XPON Support
GPON + EPON dual mode

VoIP Calls
1× FXS port



XZ005-G6

1-Port 2.5GE LAN XPON Terminal

2.5G Wired Speed
1× 2.5GE LAN port

XPON Support
GPON + EPON dual mode



XZ000-G6v

1-Port Gigabit XPON Terminal with VoIP

Gigabit Port
1× GE LAN port

XPON Support
GPON + EPON dual mode

VoIP Calls
1× FXS port



XZ000-G7

1-Port Gigabit XPON Terminal

Gigabit Port
1× GE LAN port

XPON Support
GPON + EPON dual mode



XZ001-G3

1-Port Gigabit GPON Terminal with CATV

Gigabit Port
1× GE LAN port

Cable Television Access
1× CATV port



XZ000-G3

1-Port Gigabit GPON Terminal

Gigabit Port
1× GE LAN port

- **High-Speed GPON Service:** 2.488 Gbps downstream and 1.244 Gbps upstream fast speeds.
- **Remote Management:** Support OMCI for centralized management.

Which PON Wi-Fi 7 HGU is right for you?

Product Type	Tri-Band	Dual-Band	
Product Image			
Model	XGB830v	XGB430v	XB430v
Wi-Fi Class	BE19000	BE7200	BE7200
Wi-Fi (6 GHz)	11520 Mbps	-	-
Wi-Fi (5 GHz)**	5760 Mbps	5760 Mbps	5760 Mbps
Wi-Fi (2.4 GHz)	1376 Mbps	1376 Mbps	1376 Mbps
Ethernet WAN Port	1× 10GE WAN/LAN	1× 2.5GE WAN/LAN	1× 2.5GE WAN/LAN
Ethernet LAN Ports	4× GE LAN ports	1× 2.5GE + 3× GE	3× GE
FXS Port	2	2	2
USB Port	1× USB 3.0	1× USB 2.0	1× USB 3.0
320 MHz Channel	•	-	-
4K-QAM	•	•	•
Multi-RU	•	•	•
MLO	•	•	•
OFDMA	•	•	•
EasyMesh	•	•	•
MU-MIMO	•	•	•
Beamforming	•	•	•
Airtime Fairness	•	•	•
Parental Controls	•	•	•
Multi-SSID	•	•	•
QoS	•	•	•
Access Control	•	•	•
Band Steering	•	•	•
IPTV	•	•	•
IPv6	•	•	•
VPN Server	•	•	•
Remote Management	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143
HomeShield	•	•	•
Aginet App	•	•	•
TAUC	•	•	•
Aginet Config	•	•	•
Aginet ACS	•	•	•

The HomeShield feature is being developed and may be available by software update on some models.

Which PON HGU router is right for you?

Product Type	Dual-Band					Single-Band		
Product Image								
Model	XX830v	XX530v	XX230v	XC220-G3v	XC220-G3	XN020-G3v	XN021-G3	XN020-G3
Wi-Fi Class	AX6000	AX3000	AX1800	AC1200	AC1200	N300	N300	N300
Wi-Fi (5 GHz)	4804 Mbps	2402 Mbps	1201 Mbps	867Mbps	867 Mbps	-	-	-
Wi-Fi (2.4 GHz)	1148 Mbps	574 Mbps	574 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Ethernet WAN Port	1× 2.5GE WAN/LAN	1× GE WAN/LAN	1× GE WAN/LAN	-	-	-	-	-
Ethernet LAN Port	3× GE	3× GE	3× GE	4× GE	2× GE	1× GE + 1× FE	1× GE + 1× FE	1× GE
XPON Support	-	-	-	•	•	•	•	•
FXS Port	2	1	1	1	-	1	-	
USB Port	1× USB 3.0	1× USB 2.0	1× USB 2.0	-	-	-	-	-
RF Port	-	-	-	-	-	-	1	-
OFDMA	•	•	•	-	-	-	-	-
1024-QAM	•	•	•	-	-	-	-	-
MU-MIMO	•	•	•	•	•	-	-	-
Beamforming	•	•	•	•	•	-	-	-
Airtime Fairness	•	•	•	•	•	-	-	-
Parental Controls	•	•	•	•	•	•	•	•
EasyMesh	•	•	•	•	•	-	-	-
Multi-SSID	•	•	•	•	•	•	•	•
QoS	•	•	•	•	•	•	•	•
Access Control	•	•	•	•	•	•	•	•
Band Steering	•	•	•	•	•	-	-	-
IPTV	•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•	•
VPN Server	•	•	•	-	-	-	-	-
Remote Management	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143	OMCI TR-069/181/ 098/143
HomeShield*	•	•	-	-	-	-	-	-
Aginet App	•	•	•	•	•	-	-	-
TAUC	•	•	•	-	-	-	-	-
Aginet Config	•	•	•	•	•	•	•	•
Aginet ACS	•	•	•	•	•	•	•	•

Which PON SFU is right for you?

Product Type	XGS-PON		GPON					
Product Image								
Model	XGZ030v	XGZ030	XZ005-G6v	XZ005-G6	XZ000-G6v	XZ000-G3	XZ000-G7	XZ001-G3
Ethernet LAN Port	1× 10GE	1× 10GE	1× 2.5GE	1× 2.5GE	1× GE	1× GE	1× GE	1× GE
XPON Support	-	-	•	•	•	-	•	-
FXS Port	•	-	•	-	•	-	-	-
CATV Port	-	-	-	-	-	-	-	•
IPv6	•	•	•	•	•	•	•	•
Remote Management	OMCI	OMCI	OMCI	OMCI	OMCI	OMCI	OMCI	OMCI

The HomeShield feature is being developed and may be available by software update on some models.

Wi-Fi Routers

Under the flagship of Aginet, TP-Link offers a comprehensive range of Wi-Fi routers, engineered for every networking need.

TP-Link Wi-Fi routers provide reliable and secure networking for a fully connected home. With standard mesh technology, users can build their mesh network with greater flexibility. App-based setup and helpful features for the whole family give users complete control.



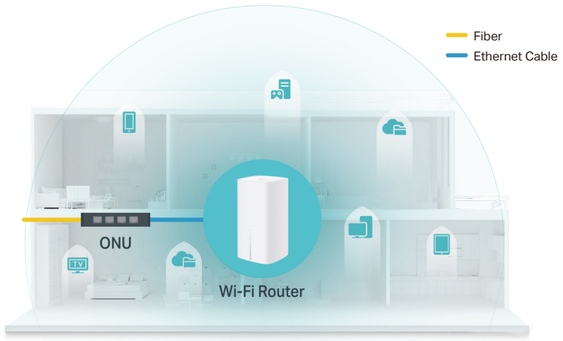
APPLICATION SCENARIO

Problem

- **Wi-Fi Dead Zones:** Wireless coverage is small and there are blind spots in wireless coverage.
- **Slow Connections:** Slow wireless connections for large file downloads and streaming.
- **Wireless Interference:** Household appliances cause wireless interference and network instability.

Solution

TP-Link routers can be deployed in FTTx networks, creating a stable and smooth Wi-Fi environment that supports even more devices and high-speed applications simultaneously.



FUNCTIONS





EasyMesh—Create Whole Home Seamless Network

Experience strong, stable, and seamless wireless connections throughout your home based on standard mesh technology.

Superfast Connections and Large Data Streams

Provide ultra-fast Wi-Fi speed in the 2.4 GHz, 5 GHz, and 6 GHz bands, ensuring higher data transmissions and lower latency.





MU-MIMO and Beamforming for Better Performance

MU-MIMO: Serves multiple devices simultaneously to reduce wait time, increase Wi-Fi throughput for every device, and make each stream more efficient.
Beamforming: Detects the location of connected devices and concentrates the Wi-Fi signal towards them to create stronger connections.

Remote Management for ISPs

ISPs can remotely manage end-user devices through the TR-069/ TR-369 protocol, realizing batch firmware upgrades, real-time device status monitoring, and remote diagnosis and configuration of devices.

Wi-Fi 7 Routers



A Revolution in the Wi-Fi Experience

BE19000 Tri-Band Wi-Fi 7 VoIP Router

EB810v Wi-Fi 7

- Dual 10G Ports
- Double Bandwidth
- Multi-Link Operation
- EasyMesh Compatible
- Cloud Management



EB810v

BE19000 Tri-Band Wi-Fi 7 VoIP Router

BE19000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) + 5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

Multi-Gig Ports
1× 10GE/SFP+ Combo WAN port + 1× 10GE LAN port + 3× 2.5GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EB610v

BE9300 Tri-Band Wi-Fi 7 VoIP Router

BE9300 Tri-Band Wi-Fi
5760 Mbps (6 GHz, EHT320) + 2880 Mbps (5 GHz, EHT160) + 688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EB430v

BE7200 Dual Band Wi-Fi 7 VoIP Router

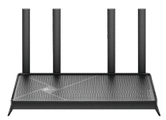
BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE LAN ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EB210

BE3600 Dual Band Wi-Fi 7 Router

BE3600 Dual-Band Wi-Fi
2880 Mbps (5 GHz, EHT160) + 688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE LAN ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield

- **Wi-Fi 7 Technology:** Enjoy extreme Wi-Fi performance in network speed, efficiency, and capacity with 4K-QAM, OFDMA, and Multi-Link Operation (MLO).
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.

Wi-Fi 6E/6 Routers

Enter a New 10G Era

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

EX1110 Extended into 6 GHz Wi-Fi 6E

- Dual 10G Ports
- 160 MHz Channels
- EasyMesh Compatible
- Aginet App
- Cloud Management





EX1110

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

AXE11000 Tri-Band Wi-Fi
4804 Mbps (6 GHz, HE160) + 4804 Mbps (5 GHz, HE160) + 1148 Mbps (2.4 GHz)

Multi-Gig Ports
1× 10GE WAN port + 1× 10GE LAN port + 1× GE LAN port

Enhanced Security
TP-Link HomeShield

EX920

AXE7800 Tri-Band Wi-Fi 6E Router

AXE7800 Tri-Band Wi-Fi
2402 Mbps (6 GHz, HE160) + 4804 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 2× GE ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EX710 Pro

AX5400 Dual Band Wi-Fi 6 Router

AX5400 Dual-Band Wi-Fi
4804 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 4× GE LAN ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EX710

AX5400 Dual Band Wi-Fi 6 Router

AX5400 Dual-Band Wi-Fi
4804 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 4× GE LAN ports

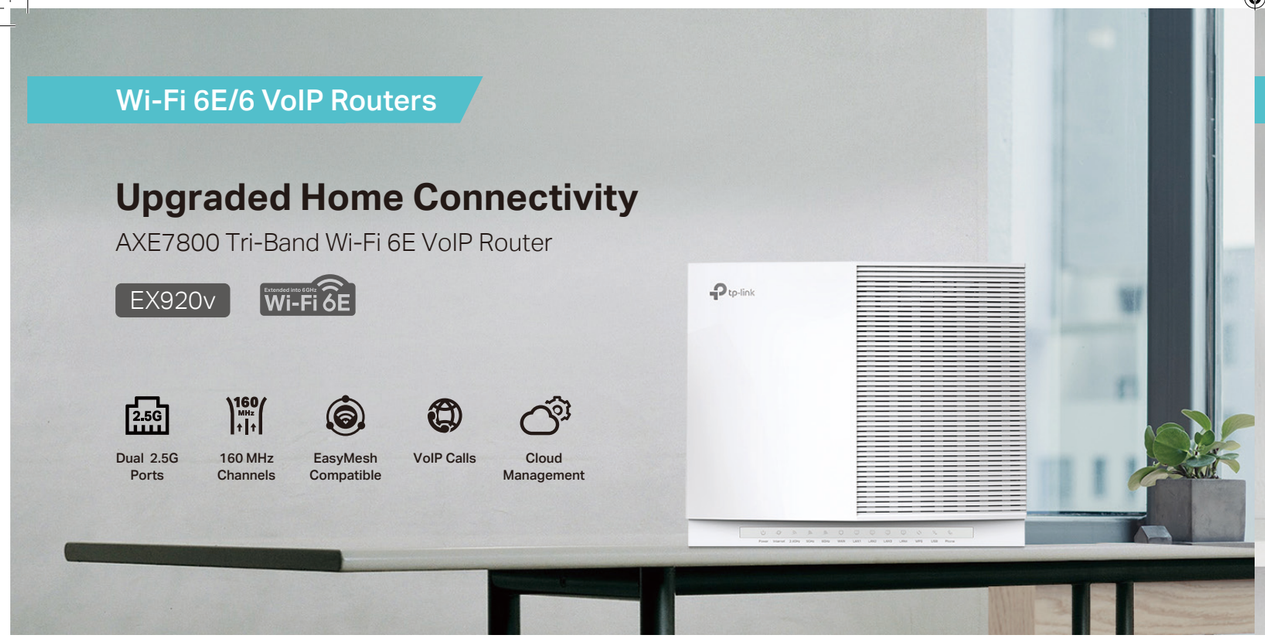
Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds and higher capacity with 1024-QAM, OFDMA, and HE160.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **Beamforming:** Concentrates signals to connected devices and delivers highly efficient wireless connections.
- **EasyMesh Compatible:** Standardized mesh technology enables users to create a whole home network.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.

Wi-Fi 6E/6 VoIP Routers



Upgraded Home Connectivity

AXE7800 Tri-Band Wi-Fi 6E VoIP Router

EX920v

Extended into 6GHz Wi-Fi 6E

Dual 2.5G Ports · 160 MHz Channels · EasyMesh Compatible · VoIP Calls · Cloud Management

Wi-Fi 6 Routers



The Next Wave of Wi-Fi 6

AX3000 Multi-Gigabit Wi-Fi 6 Router

EX520 Pro

Dual 2.5G Ports · EasyMesh Compatible · MU-MIMO · Aginet App · Cloud Management



EX920v

AXE7800 Tri-Band Wi-Fi 6E VoIP Router

AXE7800 Tri-Band Wi-Fi
2402 Mbps (6 GHz, HE160) + 4804 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EX820v

AX6000 Dual Band Wi-Fi 6 VoIP Router

AX6000 Dual-Band Wi-Fi
4804 Mbps (5 GHz, HE160) + 1148 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE ports

VoIP Calls
2× FXS ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield

EX530v

AX3000 Dual Band Wi-Fi 6 VoIP Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports

VoIP Calls
1× FXS port

Lightning-Fast Media Sharing
1× USB 3.0 port



EX230v

AX1800 Dual Band Wi-Fi 6 VoIP Router

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz, HE80) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports

VoIP Calls
1× FXS port

Easy Media Sharing
1× USB 2.0 port

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE160/HE80.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **VoIP Calls:** Supports multiple VoIP accounts and various call features to surpass traditional landlines.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.



EX520 Pro

AX3000 Multi-Gigabit Wi-Fi 6 Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 1× 2.5GE LAN port + 3× GE ports

Easy Media Sharing
1× USB 2.0 port

Enhanced Security
TP-Link HomeShield



EX510 Pro

AX3000 Multi-Gigabit Wi-Fi 6 Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN port + 4× GE ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EX510

AX3000 Dual Band Wi-Fi 6 Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 4× GE LAN ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



EX511

AX3000 Dual Band Wi-Fi 6 Router

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz, HE160) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 4× GE LAN ports

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE160.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.

Wi-Fi 6 Routers

Explore the New Era of Wi-Fi 6

AX1800 Dual Band Wi-Fi 6 Router

EX220



EasyMesh Compatible · MU-MIMO · Aginet App · Cloud Management

Wi-Fi 5 Routers

High-Speed Dual-Band Wi-Fi for Better Connectivity

AC1300 MU-MIMO Wi-Fi Router

EC225-G5



EasyMesh Compatible · MU-MIMO · Aginet App · Remote Management



EX220

AX1800 Dual Band Wi-Fi 6 Router

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz, HE80) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 4× GE LAN ports



EX222

AX1800 Dual Band Wi-Fi 6 Router

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz, HE80) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports



EX141

AX1500 Dual Band Wi-Fi 6 Router

AX1500 Dual-Band Wi-Fi
1201 Mbps (5 GHz, HE80) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports



EC225-G5

AC1300 MU-MIMO Wi-Fi Router

AC1300 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports

Improved Security
WPA3 encryption



EC223-G5

AC1200 MU-MIMO Wi-Fi Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports

Improved Security
WPA3 encryption



EC220-G5

AC1200 MU-MIMO Wi-Fi Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN port + 3× GE LAN ports

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE80.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.*

*EX141 does not support TR-369 and TAUC.

- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-111, and TR-143 protocols are supported.

Wi-Fi 5 Routers



EC220-F5

AC1200 Wireless Dual Band Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Fast Connectivity
1× 10/100 Mbps WAN port + 4× 10/100 Mbps LAN ports

Far-Reaching Range
4× high-gain external antennas

Easy Setup
TP-Link Tether app supported

Remote Management
TR-069 (TR-098) supported

Wi-Fi 4 Routers



EN020-F5

300 Mbps Wireless N Router

N300 Wi-Fi
300 Mbps (2.4 GHz)

Fast Connectivity
1× 10/100 Mbps WAN port + 4× 10/100 Mbps LAN ports

Far-Reaching Range
2× high-gain external antennas

Remote Management
TR-069 (TR-098) supported



TL-WR850N

300 Mbps Wireless N Router

N300 Wi-Fi
300 Mbps (2.4 GHz)

Fast Connectivity
1× 10/100 Mbps WAN port + 4× 10/100 Mbps LAN ports

Far-Reaching Range
2× high-gain external antennas

Remote Management
TR-069 (TR-098) supported

Which Wi-Fi 7 wireless router is right for you?

Product Type	Tri-Band		Dual-Band	
Product Image				
Model	EB810v	EB610v	EB430v	EB210
Wi-Fi Class	BE19000	BE9300	BE7200	BE3600
Wi-Fi (6 GHz)	11520 Mbps	5760 Mbps	-	-
Wi-Fi (5 GHz)	5760 Mbps	2880 Mbps	5760 Mbps	2880 Mbps
Wi-Fi (2.4 GHz)	1376 Mbps	688 Mbps	1376 Mbps	688 Mbps
CPU	2.2 GHz Quad-Core	1.5 GHz Quad-Core	1.2 GHz Quad-Core	1.5 GHz Quad-Core
Ethernet WAN Port	1× 10GE/SFP+ Combo	1× 2.5GE	1× 2.5GE	1× 2.5GE
Ethernet LAN Ports	1× 10GE + 3× 2.5GE	1× 2.5GE + 3× GE	1× 2.5GE + 3× GE	1× 2.5GE + 3× GE
FXS Port	2	2	2	-
USB Port	1× USB 3.0	1× USB 3.0	1× USB 3.0	1× USB 3.0
320 MHz Channel	•	•	-	-
OFDMA	•	•	•	•
4K QAM	•	•	•	•
Multi-RU	•	•	•	•
MLO	•	•	•	•
MU-MIMO	•	•	•	•
Beamforming	•	•	•	•
Airtime Fairness	•	•	•	•
Parental Controls	•	•	•	•
QoS	•	•	•	•
Band Steering	•	•	•	•
EasyMesh	•	•	•	•
Multi-SSID	•	•	•	•
IPTV	•	•	•	•
IPv6	•	•	•	•
VPN Server	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec
Remote Management	TR-369/069/098/181/111/143	TR-369/069/098/181/111/143	TR-369/069/098/181/111/143	TR-369/069/098/181/111/143
HomeShield	•	•	•	•
Aginet App	•	•	•	•
TAUC	•	•	•	•
Aginet ACS	•	•	•	•
Aginet Config	•	•	•	•

The HomeShield feature is being developed and may be available by software update on some models.

Which Wi-Fi 6E/6 wireless router is right for you?

Product Type	Tri-Band			Dual-Band					Dual-Band							
Product Image																
Model	EX1110	EX920v	EX920	EX820v	EX710 Pro	EX710	EX530v		EX520 Pro	EX510 Pro	EX510	EX511	EX230v	EX220	EX222	EX141
Wi-Fi Class	AXE11000	AXE7800	AXE7800	AX6000	AX5400	AX5400	AX3000		AX3000	AX3000	AX3000	AX3000	AX1800	AX1800	AX1800	AX1500
Wi-Fi (6 GHz)	4804 Mbps	2402 Mbps	2402 Mbps	-	-	-	-		-	-	-	-	-	-	-	-
Wi-Fi (5 GHz)	4804 Mbps	4804 Mbps	4804 Mbps	4804 Mbps	4804 Mbps	4804 Mbps	2402 Mbps		2402 Mbps	2402 Mbps	2402 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	1201 Mbps	1201 Mbps
Wi-Fi (2.4 GHz)	1148 Mbps	574 Mbps	574 Mbps	1148 Mbps	574 Mbps	574 Mbps	574 Mbps		574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	300 Mbps
CPU	2.2 GHz Quad-Core	2.0 GHz Quad-Core	2.0GHz Quad-Core	2.0GHz Quad-Core	1.0 GHz Dual-Core	1.0 GHz Dual-Core	1.0 GHz Dual-Core		1.3 GHz Dual-Core	1.0 GHz Dual-Core	1.0 GHz Dual-Core	1.0 GHz Dual-Core	900 MHz Dual-Core	880 MHz Dual-Core	880 MHz Dual-Core	1.0 GHz
Ethernet WAN Port	1× 10GE	1× 2.5GE	1× 2.5GE	1× 2.5GE	1× 2.5GE	1× GE	1× GE		1× 2.5GE	1× 2.5GE	1× GE	1× GE	1× GE	1× GE	1× GE	1× GE
Ethernet LAN Ports	1× 10GE + 1× GE	1× 2.5GE + 3× GE	1× 2.5GE + 2× GE	1× 2.5GE + 3× GE	4× GE	4× GE	3× GE		1× 2.5GE + 3× GE	4× GE	4× GE	4× GE	3× GE	4× GE	3× GE	3× GE
FXS Port	-	2	-	2	-	-	1		-	-	-	-	1	-	-	-
USB Port	-	1× USB 3.0	1× USB 3.0	1× USB 3.0	1× USB 3.0	1× USB 3.0	1× USB 3.0		1× USB 2.0	1× USB 3.0	1× USB 3.0	-	1× USB 2.0	-	-	-
OFDMA	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
160 MHz Channel	•	•	•	•	•	•	•		•	•	•	•	-	-	-	-
1024-QAM	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
MU-MIMO	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Beamforming	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Airtime Fairness	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Parental Controls	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
QoS	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Band Steering	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
AP Mode	•	-	•	-	•	•	-		•	•	•	•	-	•	•	•
EasyMesh	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Multi-SSID	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
IPTV	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
VPN Server	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec		PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec	PPTP, OpenVPN, IPSec
Remote Management	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143		TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-369/ 069/098/181/111/143	TR-069/ 098/181/111/143
HomeShield*	•	•	•	•	•	•	-		•	•	•	-	-	-	-	-
Aginet App	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
TAUC	•	•	•	•	•	•	•		•	•	•	•	•	•	•	-
Aginet Config	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Aginet ACS	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•

*The HomeShield feature is being developed and may be available by software update on some models.

Which wireless router is right for you?

Product Type	Dual-Band				Single-Band	
Product Images						
Model	EC225-G5	EC223-G5	EC220-G5	EC220-F5	EN020-F5	TL-WR850N
Wi-Fi Class	AC1300	AC1200	AC1200	AC1200	N300	N300
Wi-Fi (5 GHz)	867 Mbps	867 Mbps	867 Mbps	867 Mbps	-	-
Wi-Fi (2.4 GHz)	400 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
CPU	1.25 GHz	880 MHz Dual-Core	580 MHz	580 MHz	580 MHz	580 MHz
Ethernet WAN Port	1× GE	1× GE	1× GE	1× FE	1× FE	1× FE
Ethernet LAN Ports	3× GE	3× GE	3× GE	4× FE	4× FE	4× FE
Antenna	4× External	4× External	4× External	4× External	2× External	2× External
MU-MIMO	•	•	•	•	-	-
Beamforming	•	•	•	•	-	-
Airtime Fairness	•	•	•	•	-	-
Parental Controls	•	•	•	•	•	•
QoS	•	•	•	•	•	•
Band Steering	•	•	•	•	-	-
AP Mode	•	•	•	•	•	•
RE Mode	-	-	-	•	•	•
EasyMesh	•	•	•	-	-	-
Multi-SSID	-	•	-	•	•	•
IPTV	•	•	•	•	•	•
IPv6	•	•	•	•	•	•
VPN Server	-	PPTP, OpenVPN, IPSec	-	PPTP, OpenVPN, IPSec	-	-
Remote Management	TR-069/181/111/143	TR-069/098/181/111/143	TR-069/181/111/143	TR-069/098	TR-069/098	TR-069/098
Aginet App	•	•	•	-	-	-
TAUC	-	-	-	-	-	-
Aginet ACS	•	•	•	•	•	•
Aginet Config	•	•	•	•	•	•

Mesh Wi-Fi Systems

Whole Home Mesh Wi-Fi Systems use multiple devices to provide end users secure seamless, intelligent, and easy-to-configure mesh networks that cover the entire home.

Users' devices automatically connect to the fastest Wi-Fi band and stay safe thanks to comprehensive network security. Setup and management are simple with an easy-to-use mobile app. Each system can also be remotely managed via TR-069/TR-369 protocols and cloud. This helps ISPs improve the management efficiency and reduce after-sales service costs.



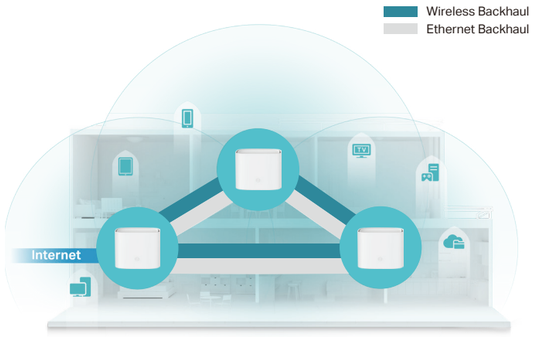
APPLICATION SCENARIO

Problem

Weak or Incomplete Wi-Fi Coverage: Wireless coverage is small and there are blind spots in wireless coverage.
Complicated Setup and Management: Internet setup and network configuration are complicated. The clients and network setting are difficult to manage and control.

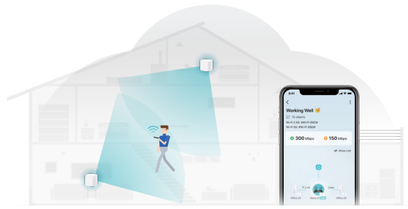
Solution

TP-Link provides a whole home mesh Wi-Fi solution to eliminate Wi-Fi dead zones and ensure uninterrupted Wi-Fi throughout homes. Mesh Wi-Fi is a great option for people who are interested in a powerful Wi-Fi system with easy setup. People looking for improved coverage that doesn't require switching between networks as they move upstairs or downstairs would also benefit from mesh Wi-Fi.



FUNCTIONS





The True Mesh Experience

One Network, One Name: A mesh Wi-Fi system allows users to sign into their network with just one network name and one password.
Seamless Roaming: Seamless roaming keeps users connected to their network no matter where they go in their homes. Switching from one mesh node to another is so smooth that it's unnoticeable.
All Scenarios Covered: Diversified products meet different deployment needs, from indoors to outdoors, from Ethernet access to direct fiber access and PoE integration.

Wi-Fi Made Easy

Hands-Off: A mesh Wi-Fi system adjusts automatically to provide the best connections when users add devices or walk around their homes.
Easy Setup and Management: Setup takes only minutes through the app or WebGUI. In just a few taps, users can monitor and manage their Wi-Fi settings at home or away with the Aginet app.





Home Mesh Wi-Fi Security

Hardware Security: Aginet constantly improves and becomes more secure with automatic firmware updates. Its firewall only allows approved packets onto devices .
Advanced Encryption: The mesh system automatically encrypts every wireless connection using WPA2 or WPA3 encryption.

Remote Management for ISPs

ISPs can remotely manage end-user devices through the TR-069/ TR-369 protocol, realizing batch firmware upgrades, real-time device status monitoring, and remote diagnosis and configuration of devices.

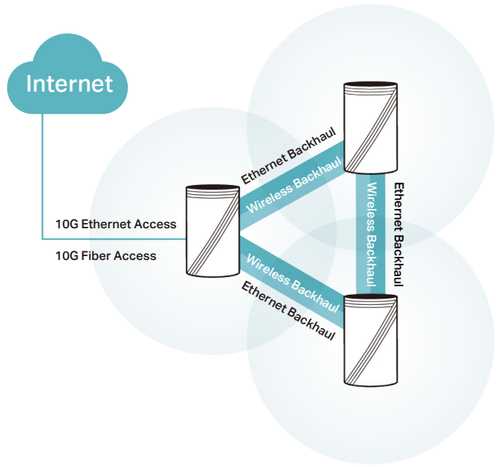


Lightning-Fast 19 Gbps Tri-Band Wi-Fi 7

Up to 19 Gbps tri-band Wi-Fi enables your devices to run at full speed via 12 streams simultaneously. Enjoy fluent 4K/8K streaming, immersive AR/VR gaming, and blazing-fast downloads.

6 GHz
4×4 Streams 11520 Mbps
5 GHz
4×4 Streams 5760 Mbps
2.4 GHz
4×4 Streams 1376 Mbps

10G Multi-Gig Connectivity

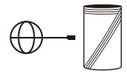


10G Fiber and Ethernet Internet Access

1× 10 Gbps Ethernet/SFP+ Combo WAN/LAN port enables high-bandwidth Ethernet internet access and direct fiber access via an SFP module.

10G Multi-Gig Wired Connectivity

2× 10G Ethernet ports and 2× 2.5G LAN ports offer both flexible and fast wired connections and stable wired backhaul that ensures a robust mesh network.



① 10G Multi-Gig Internet Access



② 10G Multi-Gig Wired Connections

320 MHz Bandwidth
Wide and clear bandwidth offers ultra-fast speeds

Multi-Link Operation
Increases throughput and reduces latency by working across different bands

EasyMesh Compatible
Create a smart mesh network with great flexibility

Remote Management
TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC are supported







HB710

BE18000 Whole Home Mesh Wi-Fi 7 System

BE18000 Tri-Band Wi-Fi
11520 Mbps (6 GHz, EHT320) +
5760 Mbps (5 GHz, EHT160) +
688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 10GE WAN/LAN port +
1× 10GE LAN port

Easy Media Sharing
1× USB 2.0 port

Enhanced Security
TP-Link HomeShield



HB610

BE9300 Whole Home Mesh Wi-Fi 7 System

BE9300 Tri-Band Wi-Fi
5760 Mbps (6 GHz, EHT320) +
2880 Mbps (5 GHz, EHT160) +
688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port +
3× 2.5GE LAN ports

Lightning-Fast Media Sharing
1× USB 3.0 port

Enhanced Security
TP-Link HomeShield



HB410

BE6500 Whole Home Mesh Wi-Fi 7 System

BE6500 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) +
688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port +
1× 2.5GE LAN port +
2× GE LAN ports

Enhanced Security
TP-Link HomeShield



HB210

BE3600 Whole Home Mesh Wi-Fi 7 System

BE3600 Dual-Band Wi-Fi
2880 Mbps (5 GHz, EHT160) +
688 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port +
1× 2.5GE LAN port

Enhanced Security
TP-Link HomeShield

- **Wi-Fi 7 Technology:** Enjoy extreme Wi-Fi performance in network speed, efficiency, and capacity with 4K-QAM, OFDMA, and Multi-Link Operation (MLO).
- **EasyMesh Compatible:** Create a smart mesh network with seamless coverage and greater flexibility.
- **Seamless Roaming:** All units work together to form a unified network.
- **Ethernet Backhaul:** Wired backhaul ensures stable seamless coverage to every corner of a home.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.



HX716 Pro

AXE5400 Tri-Band Whole Home Mesh Wi-Fi 6E System

AXE5400 Tri-Band Wi-Fi
2402 Mbps (6 GHz) +
2402 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port +
2× GE LAN ports

Enhanced Security
TP-Link HomeShield



HX710 Pro

AX5400 Whole Home Mesh Wi-Fi 6 System

AX5400 Dual-Band Wi-Fi
4804 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port +
2× GE LAN ports

Enhanced Security
TP-Link HomeShield



HX710

AX5400 Whole Home Mesh Wi-Fi 6 System

AX5400 Dual-Band Wi-Fi
4804 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port +
1× GE LAN port

Enhanced Security
TP-Link HomeShield



HX510

AX3000 Whole Home Mesh Wi-Fi 6 System

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port +
2× GE LAN ports

Enhanced Security
TP-Link HomeShield

- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds and higher capacity with 1024-QAM, OFDMA, and HE160.
- **EasyMesh Compatible:** Standardized mesh technology enables users to create a whole home network.
- **Seamless Roaming:** All units work together to form a unified network.
- **Ethernet Backhaul:** Wired backhaul ensures stable seamless coverage to every corner of a home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **Beamforming:** Concentrates signals to connected devices and delivers highly efficient wireless connections.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

The HomeShield feature is being developed and may be available by software update on some models.





HX510-Outdoor

AX3000 Outdoor/ Indoor Mesh Wi-Fi 6 AP

AX3000
Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port + 1× GE LAN port

Dual PoE Ports and AC Power Supply
Flexible deployment and installation

Enhanced Security
TP-Link HomeShield

HX510-PoE

AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE

AX3000
Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Multi-Gig Ports
1× 2.5GE WAN/LAN port + 1× GE LAN port

Dual PoE Ports and DC Power Supply
Flexible deployment and installation

Enhanced Security
TP-Link HomeShield

HX220

AX1800 Whole Home Mesh Wi-Fi 6 System

AX1800
Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port + 2× GE LAN ports

HX141

AX1500 Whole Home Mesh Wi-Fi 6 System

AX1500
Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port + 2× GE LAN ports

HC220-G5

AC1200 Whole Home Mesh Wi-Fi System

AC1200
Dual-Band Wi-Fi
867 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Full Gigabit Ports
1× GE WAN/LAN port + 2× GE LAN ports

- **EasyMesh Compatible:** Standardized mesh technology enables users to create a whole home network.
- **Seamless Roaming:** All units work together to form a unified network.
- **Ethernet Backhaul:** Wired backhaul ensures stable seamless coverage to every corner of a home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **Beamforming:** Concentrates signals to connected devices and delivers highly efficient wireless connections.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.*

The HomeShield feature is being developed and may be available by software update on some models.
*HX141 does not support TR-369 and TAUC.

Which Wi-Fi 7 mesh system is right for you?

Product Type	Tri-Band			Dual-Band	
Product Image					
Model	HB810	HB710	HB610	HB410	HB210
Wi-Fi Class	BE19000	BE18000	BE9300	BE6500	BE3600
Wi-Fi (6 GHz)	11520 Mbps	11520 Mbps	5760 Mbps	-	-
Wi-Fi (5 GHz)	5760 Mbps	5760 Mbps	2880 Mbps	5760 Mbps	2880 Mbps
Wi-Fi (2.4 GHz)	1376 Mbps	688 Mbps	688 Mbps	688 Mbps	688 Mbps
Ethernet WAN/LAN Port	1× 10GE/SFP+ Combo	1× 10GE	1× 2.5GE	1× 2.5GE	1× 2.5GE
Ethernet LAN Ports	1× 10GE + 2× 2.5GE	1× 10GE	3× 2.5GE	1× 2.5GE + 2× GE	1× 2.5GE
USB	1× USB 3.0	1× USB 2.0	1× USB 3.0	-	-
320 MHz Channel	•	•	•	-	-
OFDMA	•	•	•	•	•
4K QAM	•	•	•	•	•
MU-MIMO	•	•	•	•	•
MLO	•	•	•	•	•
Multi-RU	•	•	•	•	•
Beamforming	•	•	•	•	•
Seamless Roaming	•	•	•	•	•
Ethernet Backhaul	•	•	•	•	•
WPA3 Encryption	•	•	•	•	•
Airtime Fairness	•	•	•	•	•
Parental Controls	•	•	•	•	•
QoS	•	•	•	•	•
Band Steering	•	•	•	•	•
AP Mode	•	•	•	•	•
Router Mode	•	•	•	•	•
EasyMesh	•	•	•	•	•
Multi-SSID	•	•	•	•	•
IPTV	•	•	•	•	•
IPv6	•	•	•	•	•
VPN	•	•	•	•	•
Remote Management	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143
Aginet App	•	•	•	•	•
TAUC	•	•	•	•	•
Homeshield*	•	•	•	•	•
Aginet Config	•	•	•	•	•
Aginet ACS	•	•	•	•	•

The HomeShield feature is being developed and may be available by software update on some models.

Which Wi-Fi 6E/6/5 mesh system is right for you?

Product Type	Tri-Band	Dual-Band							
Product Image									
Model	HX716 Pro	HX710 Pro	HX710	HX510-PoE	HX510-Outdoor	HX510	HX220	HX141	HC220-G5
Wi-Fi Class	AXE5400	AX5400	AX5400	AX3000	AX3000	AX3000	AX1800	AX1500	AC1200
Wi-Fi (6 GHz)	2402 Mbps	-	-	-	-	-	-	-	-
Wi-Fi (5 GHz)	2402 Mbps	4804 Mbps	4804 Mbps	2402 Mbps	2402 Mbps	2402 Mbps	1201 Mbps	1201 Mbps	867 Mbps
Wi-Fi (2.4 GHz)	574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	574 Mbps	300 Mbps	300 Mbps
Ethernet WAN/LAN Port	1× 2.5GE	1× 2.5GE	1× GE	1× 2.5GE with PoE	1× GE with PoE	1× GE	1× GE	1× GE	1× GE
Ethernet LAN Ports	2× GE	2× GE	1× GE	1× GE with PoE	1× GE with PoE	2× GE	2× GE	2× GE	2× GE
160 MHz Channel	•	•	•	•	•	•	-	-	-
OFDMA	•	•	•	•	•	•	•	•	-
1024-QAM	•	•	•	•	•	•	•	•	•
MU-MIMO	•	•	•	•	•	•	•	•	•
Beamforming	•	•	•	•	•	•	•	•	•
Seamless Roaming	•	•	•	•	•	•	•	•	•
Ethernet Backhaul	•	•	•	•	•	•	•	•	•
WPA3 Encryption	•	•	•	•	•	•	•	•	•
Airtime Fairness	•	•	•	•	•	•	•	•	•
Parental Controls	•	•	•	•	•	•	•	•	•
QoS	•	•	•	•	•	•	•	•	•
Band Steering	•	•	•	•	•	•	•	•	•
AP Mode	•	•	•	•	•	•	•	•	•
Router Mode	•	•	•	•	•	•	•	•	•
EasyMesh	•	•	•	•	•	•	•	•	•
Multi-SSID	•	•	•	•	•	•	•	•	•
IPTV	•	•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•	•	•
VPN	•	•	•	•	•	•	•	•	•
Remote Management	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-369/069/181/111/143	TR-069/098/181/111/143	TR-369/069/181/111/143
Aginet App	•	•	•	•	•	•	•	•	•
TAUC	•	•	•	•	•	•	•	-	•
HomeShield*	•	•	•	•	•	•	-	-	-
Aginet Config	•	•	•	•	•	•	•	•	•
Aginet ACS	•	•	•	•	•	•	•	•	•

The HomeShield feature is being developed and may be available by software update on some models.

5G/4G Routers

TP-Link's 5G/4G routers take full advantage of cutting-edge mobile networks. This lets users share their 5G/4G network with multiple Wi-Fi devices, ensuring uninterrupted HD movies, rapid file downloads, and smooth video conferencing. The 5G/4G routers also feature 5G-NR, FDD-LTE, and TDD-LTE compatibility for more global support.



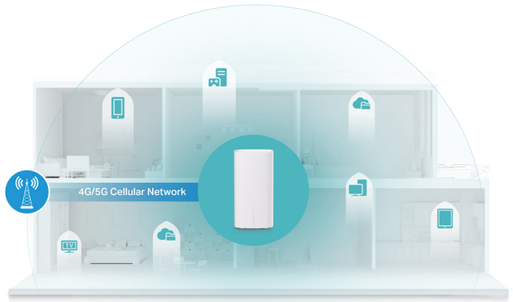
APPLICATION SCENARIO

Problem

Deployment takes too long. After moving to a new house, the fixed-line broadband deployment requires a long construction period. Users often have to wait months or even years to access the network.

Solution

TP-Link's 5G/4G routers share subscribers' mobile networks with multiple Wi-Fi devices. There's no need for carriers to install or configure cables at users' homes. Users need only to plug in a regular 5G/4G SIM card and enjoy whole home fixed wireless broadband services. These CPEs are also fully compatible with 5G-NR, FDD-LTE, and TDD-LTE, which are supported by most operators around the world.



FUNCTIONS





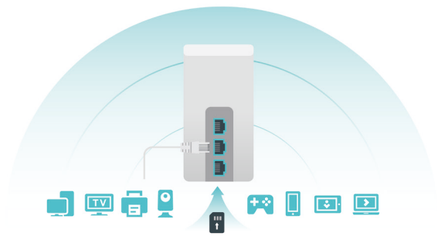
Maximum Wi-Fi Coverage

Advanced 5G/4G antennas create efficient and stable connections to every device. Power Amplifier and Low-Noise Amplifier boost sending and receiving capabilities, creating superwide Wi-Fi coverage.

Connect Numerous Devices

5G/4G routers easily share a 5G/4G connection with numerous Wi-Fi clients like tablets, laptops, and mobile phones, all at the same time.





Plug and Play

With an integrated 5G/4G modem and a built-in SIM card slot, users only need to insert a SIM card and turn on a 5G/4G router.

Available WAN Connection

5G/4G routers support a wide variety of connection types with the inclusion of the WAN/LAN port.



5G: Unrivaled Speed to Eliminate Lag

The Fastest Speed Ever

5G greatly boosts download speeds up to 7.01 Gbps (theoretically based on R16 Sub-6GHz) – 3.5× faster than 4G LTE-Advanced (CAT20) and 46× faster than 4G LTE.



Ultra-Low Latency

5G brings fast responsive network connections to tomorrow's mobile devices, with only 1 ms latency.

Wi-Fi 7: Faster, Broader, for More Devices

BE7200 Dual-Band Wi-Fi
5760 Mbps (5 GHz, EHT160) + 1376 Mbps (2.4 GHz)

EasyMesh Compatible
Create a standard mesh network with great flexibility

Multi-Gig Wired Speeds and VoLTE Calls
1× 2.5GE WAN/LAN port + 1× 2.5GE LAN port + 1× GE LAN port + 1 Phone port

Connect Numerous Devices
Connects up to 200 devices

Save Clients' Power

Target Wake Time helps mobile devices, especially IoT devices, consume less power during data transmission cycles to prolong battery life.

Plug and Play

With an integrated 5G modem and a built-in SIM card slot, users only need to insert a nano SIM card and turn on the router.

Remote Management

TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143 and TAUC are supported.

Note: Product is being developed. Actual product images and features may vary.

5G Wi-Fi 6 Routers



A New Era of 5G Networks

5G AX6000 Wi-Fi 6 Telephony Router

NX810v 5G

EasyMesh Compatible | 2.5G Wired Speeds | VoLTE | Aginet App | Cloud Management

5G Outdoor Gateway



Bring 5G from Outdoors to Indoors

5G Outdoor Gateway

NE210-Outdoor 5G

IP67 Weatherproof | Plug and Play | PoE Port | Aginet App | Cloud Management



NX810v

5G AX6000 Wi-Fi 6 Telephony Router



Deco X80-5G

5G AX6000 Whole Home Mesh Wi-Fi 6 Router



NX620v

5G AX3600 Wi-Fi 6 Telephony Router



NX610v

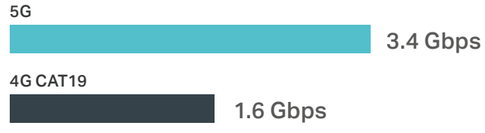
5G AX3600 Wi-Fi 6 Telephony Router

Unrivaled Speed with 5G Boosts download speeds up to 3.4 Gbps	**Unrivaled Speed with 5G** Download speeds reach up to 5.0 Gbps	**Unrivaled Speed with 5G** Download speeds reach up to 4.67 Gbps	**Unrivaled Speed with 5G** Download speeds reach up to 4 Gbps
AX6000 Dual-Band Wi-Fi 4804 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)	**AX6000 Dual-Band Wi-Fi** 4804 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)	**AX3600 Dual-Band Wi-Fi** 2402 Mbps (5 GHz) + 1148 Mbps (2.4 GHz)	**AX3600 Dual-Band Wi-Fi** 2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)
Multi-Gig Wired Speeds and VoLTE Calls 1× 2.5GE WAN/LAN port + 2× GE LAN ports + 1× Phone port	**Multi-Gig Wired Speeds and VoLTE Calls** 1× 2.5GE WAN/LAN + 1× GE WAN/LAN port + 1× Phone port	**Multi-Gig Wired Speeds and VoLTE Calls** 1× 2.5GE WAN/LAN + 2× GE LAN ports + 1× Phone port	**Multi-Gig Wired Speeds and VoLTE Calls** 1× 2.5GE WAN/LAN + 2× GE LAN ports + 1× Phone port
EasyMesh Compatible Standard mesh technology	**Enhanced Security** TP-Link HomeShield	**EasyMesh Compatible** Standard mesh technology	**EasyMesh Compatible** Standard mesh technology

- **Plug and Play:** No configuration needed. Compatible with SIM cards in 100+ countries.
- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds and higher capacity with 1024-QAM, OFDMA, and HE160.
- **WAN Connection Backup:** Features a WAN and 5G/4G/3G failover backup strategy for sustained internet connections.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **Mesh Technology:** Create a true mesh network to cover every corner of a home.
- **VoLTE/CSFB Telephony:** Supports VoLTE/CSFB base features.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Easy Setup and Use:** Simplified network control and Wi-Fi management with the Deco or Aginet app.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, and TAUC management are supported.

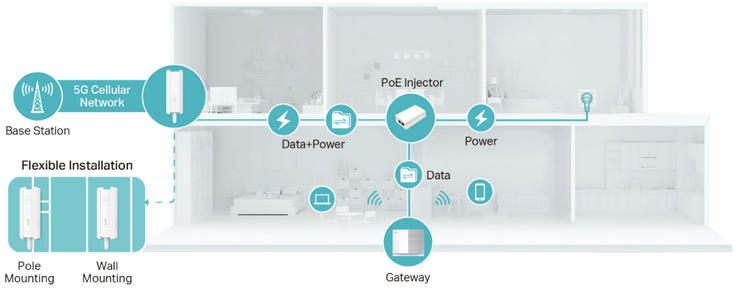
Unrivaled Speeds with 5G + 4G+

Boosts download speeds up to 3.4 Gbps with low latency on 5G networks and 1.6 Gbps on 4G LTE networks, enabling multiple high bandwidth applications to run at the same time.



Performance-Driven for Outdoor Environments

Built with high-gain directional antennas, weatherproof encloser, a PoE port, and flexible installation shell, NE210-Outdoor can be installed in various scenarios, receive better signals, and transfer data at high speeds even in harsh outdoor environments.



Plug and Play

No configuration needed. Compatible with SIM cards in 100+ countries

Remote Management

TR-069 and TR-369 protocols and TAUC are supported

IP67 Weatherproof Enclosure for Outdoor Environments

NE210-Outdoor is totally resistant to dust ingress, shock, vibration, and moisture, withstanding the most extreme environments.





5G/4G+ Wi-Fi 6 Routers

A New Era of 5G Networks

5G AX3000 Wi-Fi 6 Telephony Router

NX510v 5G

EasyMesh Compatible | VoLTE | Aginet App | Cloud Management



4G+/4G Wi-Fi Routers

Enjoy 4G+ Speed Sharing Everywhere

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

Archer MR600

LTE-Advanced Cat 6 | AC1200 Dual-Band Wi-Fi | OneMesh™



NX510v

5G AX3000 Wi-Fi 6 Telephony Router

Unrivaled Speed with 5G
Boosts download speeds up to 3.4 Gbps

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds and VoLTE Calls
1× GE WAN/LAN port + 2× GE LAN ports + 1× Phone port

EasyMesh Compatible
Standard mesh technology



NX220v

5G AX1800 Wi-Fi 6 Telephony Router

Unrivaled Speed with 5G
Boosts download speeds up to 4.67 Gbps

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds and VoLTE Calls
1× GE WAN/LAN port + 2× GE LAN ports + 1× Phone port

EasyMesh Compatible
Standard mesh technology



Deco X58-4G

4G+ Cat18 AX3000 Whole Home Mesh Wi-Fi 6 Router

LTE-Advanced Cat 18
Download speeds up to 1200 Mbps

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds and VoLTE Calls
2× GE WAN/LAN ports + 1× Phone port

Enhanced Security
TP-Link HomeShield



MX515v

4G+ Cat12 AX3000 Wi-Fi 6 Telephony Router

LTE-Advanced Cat 12
Download speeds up to 600 Mbps

AX3000 Dual-Band Wi-Fi
2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Gigabit Wired Speeds and VoLTE Calls
1× GE WAN/LAN port + 2× GE LAN ports + 1× Phone port

EasyMesh Compatible
Standard mesh technology



MX110v

4G+ CAT12 AX1500 Wi-Fi 6 Telephony Router

LTE-Advanced Cat 12
Download speeds up to 600 Mbps

AX1500 Dual-Band Wi-F
1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz)

Gigabit Wired Speeds and VoLTE Calls
1× GE WAN/LAN port + 2× GE LAN ports + 1× Phone port

EasyMesh Compatible
Standard mesh technology

- **Plug and Play:** No configuration needed. Compatible with SIM cards in 100+ countries.
- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds and higher capacity with 1024-QAM, OFDMA, and HE160/HE80.
- **WAN Connection Backup:** Features a WAN and 5G/4G/3G failover backup strategy for sustained internet connections.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **Mesh Technology:** Create a true mesh network to cover every corner of a home.
- **VoLTE/CSFB Telephony:** Supports VoLTE/CSFB base features.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Easy Setup and Use:** Simplified network control and Wi-Fi management with the Deco or Aginet app.
- **Remote Management:** TAUC management is supported.



Archer MR600

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

LTE-Advanced Cat 6
Enjoy Download Speeds of up to 300 Mbps

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) and 300 Mbps (2.4 GHz)

High-Efficiency Network
2×2 MU-MIMO

Capacity
Access for up to 64 Devices Simultaneously



Archer MR500

4G+ Cat6 AC1200 Wireless Dual-Band Gigabit Router

LTE-Advanced Cat 6
Enjoy Download Speeds of up to 300 Mbps

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) and 300 Mbps (2.4 GHz)

High-Efficiency Network
2×2 MU-MIMO

Capacity
Access for up to 64 Devices Simultaneously



Archer MR400

AC1200 Wireless Dual-Band 4G LTE Router

LTE Cat 4
Enjoy Download Speeds of up to 150 Mbps

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) and 300 Mbps (2.4 GHz)

High-Efficiency Network
2×2 MU-MIMO

Capacity
Access for up to 64 Devices Simultaneously



Archer MR200

AC750 Wireless Dual-Band 4G LTE Router

LTE Cat 4
Enjoy Download Speeds of up to 150 Mbps

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) and 300 Mbps (2.4 GHz)

Capacity
Access for up to 64 Devices Simultaneously

- **OneMesh™:** Flexibly create a whole home Wi-Fi for truly seamless online experiences.
- **Plug in a SIM Card and Play:** No configuration needed. Compatibility with SIM cards in 100+ countries is assured by years of field tests.
- **Detachable LTE Antennas:** Detachable LTE antennas provide high performance and stable cellular network connections.
- **Multiple Modes:** With a fully functional WAN/LAN port, works as a router compatible with cable, fiber, and DSL modems.
- **Wi-Fi Router Mode:** Plug an Ethernet cable into the LAN/WAN port for flexible access if you can't get a 4G connection.
- **3G/4G Network Support:** FDD-LTE/TDD-LTE/DC-HSPA+/SPA+/HSPA/UMTS.
- **TP-Link Tether App:** Provides simplified control and management from your iOS or Android smartphone.
- **Advanced Software:** Equipped with various software features, including parental controls and traffic management.

Which 5G/4G+ router is right for you?

Product Type	5G Dual-Band								LTE-A Dual-Band		
Product Image											
Model	NB410v	NX810v	Deco X80-5G	NX620v	NX610v	NX510v	NX220v	NE210-Outdoor	Deco X58-4G	MX515v	MX110v
Mobile Communication Technology	5G	5G	5G	5G	5G	5G	5G	5G	LTE CAT18	LTE CAT12	LTE CAT12
Wi-Fi Class	BE7200	AX6000	AX6000	AX3600	AX3600	AX3000	AX1800	-	AX3000	AX3000	AX1500
Wi-Fi (5 GHz)	5760 Mbps	4804 Mbps	4804 Mbps	2402 Mbps	2882 Mbps	2402 Mbps	1201 Mbps	-	2402 Mbps	2402 Mbps	1201 Mbps
Wi-Fi (2.4 GHz)	1376 Mbps	1148 Mbps	1148 Mbps	1148 Mbps	688 Mbps	574 Mbps	574 Mbps	-	574 Mbps	574 Mbps	300 Mbps
FXS Port	1	1	1	1	1	1	1	-	1	1	1
Ethernet WAN/ LAN Port	1× 2.5GE	1× 2.5GE	1× 2.5GE	1× 2.5GE	1× 2.5GE	1× GE	1× GE	1× 2.5GE with PoE	2× GE	1× GE	1× GE
Ethernet LAN Ports	1× 2.5GE + 1× GE	2× GE	1× GE	2× GE	2× GE	2× GE	2× GE	-	-	2× GE	2× GE
OFDMA	•	•	•	•	•	•	•	•	•	•	•
160 MHz Channel	•	•	•	•	•	•	-	-	•	•	-
1024-QAM	4K-QAM	•	•	•	•	•	•	•	•	•	•
MU-MIMO	•	•	•	•	•	-	•	•	-	-	•
Beamforming	•	•	•	•	•	•	•	•	•	•	•
Airtime Fairness	•	•	•	•	•	•	•	•	•	•	•
EasyMesh	•	•	-	•	•	•	•	-	-	•	•
Multi-SSID	•	•	Guest Network	•	•	•	•	-	Guest Network	•	•
QoS	•	•	•	•	•	•	•	•	•	•	•
Parental Controls	•	•	•	•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•	•	•	•	•
VPN Server	•	•	-	•	•	•	•	•	-	•	•
Access Control	•	•	-	•	•	•	•	•	-	•	•
Remote Management	TR-369/069/098/181/143	TR-369/069/098/181/143	TR-069/181/143	TR-369/069/098/181/143	TR-369/069/098/181/143	TR-069/181/141	TR-069/181/141	TR-069/181/141	-	TR-069/181/141	TR-069/181/141
Mobile App	Aginet App	Aginet App	Deco App	Aginet App	Aginet App	Aginet App	Aginet App	Aginet App	Deco App	Aginet App	Aginet App
HomeShield*	•	•	•	•	•	•	•	•	•	•	•
TAUC	•	•	•	•	•	•	•	•	•	•	•
Other	2 SMA Ports	2 SMA Ports	2 SMA Ports	2 SMA Ports	2 SMA Ports	2 SMA Ports	2 SMA Ports	2 SMA Ports	High Gain Directional Antenna	2 SMA Ports	2 SMA Ports

*The HomeShield feature is being developed and may be available by software update on some models.

Which 4G+/4G router is right for you?

Product Type	LTE-A Dual-Band		LTE Dual-Band	
Product Image				
Model	Archer MR600	Archer MR500	Archer MR400	Archer MR400
Mobile Communication Technology	LTE CAT6	LTE CAT6	LTE CAT4	LTE CAT4
Wi-Fi Class	AC1200	AC1200	AC1200	AC750
Wi-Fi (5 GHz)	867 Mbps	867 Mbps	867 Mbps	433 Mbps
Wi-Fi (2.4 GHz)	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Ethernet WAN/ LAN Port	1× GE	1× GE	1× FE	1× FE
Ethernet LAN Ports	3× GE	3× GE	3× FE	3× FE
QoS	•	•	•	•
Parental Controls	•	•	•	•
MU-MIMO	•	•	•	•
VPN Server	•	•	•	•
Access Control	•	•	•	•
IPv6	•	•	•	•
Mesh	OneMesh	OneMesh	OneMesh	OneMesh
Mobile App	Tether App	Tether App	Tether App	Tether App
Remote Management	TR-069/098	TR-069/098	TR-069/098	TR-069/098

xDSL Modem Routers

TP-Link's xDSL modem router solutions are compatible with the leading DSL service providers to meet everyday networking needs. Integrated with superfast Wi-Fi, VoIP, TR-069 protocol, and a built-in firewall, these products meet end users' growing demand for uninterrupted data for voice and HD video streaming services.



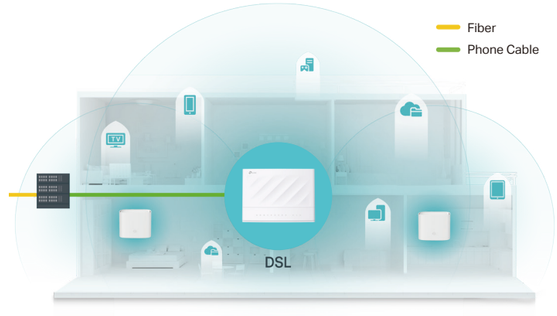
APPLICATION SCENARIO

Problem

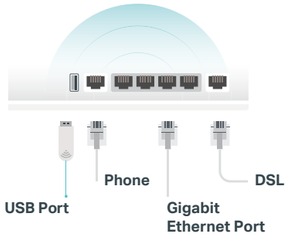
- **Wi-Fi Dead Zones:** Wireless coverage is small and there are blind spots in wireless coverage.
- **Slow Connections:** Slow wireless connections for large file downloads and streaming.
- **Wireless Interference:** Household appliances cause wireless interference and network instability.

Solution

Taking full advantage of the bandwidth potential of existing copper cables, G.fast technology delivers multi-gigabit speeds, and the super vectoring increases DSL data rates up to 350 Mbps. Beamforming and MU-MIMO and the latest Wi-Fi technology enhance wireless coverage and efficiency. Compatible with EasyMesh, users can create a true mesh network to cover their entire home.



FUNCTIONS



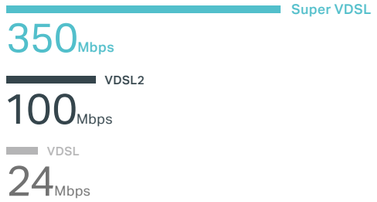
Multi-Application Scenario

Fully compatible with DSL connections, Ethernet access, and 3G/4G USB dongle backup, the modem will keep users always connected. With FXS ports, users can make or receive phone calls over the internet simply by connecting the devices to their existing telephone set.



Superfast, Stable Connections

TP-Link's VDSL products offer ultra-fast dual-band Wi-Fi speed. MU-MIMO serves multiple devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.



The Latest Generation of DSL Technology: V35b

With VDSL 35b, downstream speeds reach up to 350 Mbps—3.5× faster than its VDSL2 predecessor.



Remote Management for ISPs

ISPs can remotely manage end-user devices through the TR-069 protocol, realizing batch firmware upgrades, real-time device status monitoring, and remote diagnosis and configuration of devices.

xDSL Wi-Fi 6 Modem Routers



A Modem for Every Networking Need

AX6000 Wi-Fi 6 VDSL2/G.fast Modem Router

VX800v

G.fast · Super VDSL · EasyMesh Compatible · High Quality Calls · Cloud Management



Explore the New Era of Wi-Fi 6 with High-Quality Telephony

AX1800 Dual-BandWi-Fi 6 Router with DECT

VX231v

Super VDSL · EasyMesh Compatible · High-Quality Calls · Aginet App · Remote Management

VX800v

AX6000 Wi-Fi 6 VDSL2/G. fast Modem Router

AX6000 Dual-Band Wi-Fi
4804 Mbps (5 GHz) +
1148 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× SFP +
1× 2.5GE WAN/LAN +2× GE LAN +
1× USB 3.0 + 2× FXS ports

HD Quality Telephony
VoIP with DECT base

Enhanced Security
TP-Link HomeShield



VX830v

AX6000 Dual-Band Wi-Fi 6 VDSL/ ADSL Modem Router

AX6000 Dual-Band Wi-Fi
4804 Mbps (5 GHz) +
1148 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× SFP +1× 2.5GE WAN/LAN +
1× 2.5GE LAN + 2× GE LAN +
1× USB 3.0 + 2× FXS ports

Enhanced Security
TP-Link HomeShield



VX700h

AX5400 Hybrid Wi-Fi 6 Modem Router with VoIP

AX5400 Dual-Band Wi-Fi 6
4804 Mbps (5 GHz) +
574 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN +4× GE LAN +
1× USB 2.0 + 1× FXS ports

LTE Cat 6 Supported
4G speed up to 300 Mbps



VX231v

AX1800 Dual-Band Wi-Fi 6 Router with DECT

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN +
3× GE LAN + 1× USB 2.0 + 1× FXS ports

HD Quality Telephony
VoIP with DECT base



VX230v

AX1800 Dual-Band Wi-Fi 6 VDSL/ADSL Modem Router

AX1800 Dual-Band Wi-Fi
1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN +
3× GE LAN + 1× USB 2.0 + 1× FXS ports

- **Compatibility:** Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standards.
- **Super VDSL:** The latest VDSL tech (VDSL2 Profile 35b) offers internet speeds of up to 350 Mbps.
- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE160.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.*
- **VoIP Calls:** Supports multiple VoIP accounts and various call features to surpass traditional landlines.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Improved Security:** WPA3, the next-gen encryption method, creates extra protection for networks.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, TR-143, and TAUC management are supported.

*The EasyMesh feature is not available for VX700h.
The HomeShield feature is being developed and may be available by software update on some models.

- **Compatibility:** Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standards.
- **Super VDSL:** The latest VDSL tech (VDSL2 Profile 35b) offers internet speeds of up to 350 Mbps.
- **Wi-Fi 6 Technology:** Delivers fast Wi-Fi speeds, efficient connections, and higher capacity with 1024-QAM, OFDMA, and HE80.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
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- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
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xDSL Wi-Fi 5/4 Modem Routers

Versatile Connection, High-Speed Wi-Fi

AC1200 Wireless Gigabit VoIP VDSL/ADSL Modem Router

Archer VR1210v



Super VDSL | EasyMesh Compatible | MU-MIMO | Aginet App | Remote Management



Archer VR1210v (V2)

AC1200 Wireless Gigabit VoIP VDSL/ADSL Modem Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) +
300 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN +
3× GE LAN + 1× USB 2.0 + 1× FXS ports

Super VDSL2 35b
350 Mbps VDSL access



VC223-G3v

AC1200 Wireless Gigabit VoIP VDSL/ADSL Modem Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) +
300 Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN +
4× GE LAN + 2× FXS ports

High-Speed VDSL2 30a
100 Mbps VDSL access



VC220-G3u

AC1200 Wireless VDSL/ ADSL Modem Router

AC1200 Dual-Band Wi-Fi
867 Mbps (5 GHz) +
300Mbps (2.4 GHz)

Versatile Connectivity
1× DSL + 1× GE WAN/LAN +
3× FE LAN + 1× USB 2.0 ports

High-Speed VDSL2 30a
100 Mbps VDSL access

- **Compatibility:** Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standards.
- **Boosted Coverage:** High-performance antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.
- **MU-MIMO:** Simultaneously transfers data to multiple devices for faster performance.
- **EasyMesh Compatible:** Create a smart mesh network with greater flexibility based on standard technology.
- **Band Steering:** Automatically assigns each device to the best available band to optimize network performance.
- **Airtime Fairness:** Assigns each device the same amount of time to exchange data to improve network efficiency for high-speed devices.
- **Aginet App:** Provides simplified control and management of network and Wi-Fi from a smartphone or tablet.
- **Remote Management:** TR-069 (TR-098/TR-181), TR-369, TR-111, and TR-143 protocols are supported.



VN020-F3

300 Mbps Wireless N VDSL/ ADSL Modem Router

N300 Wi-Fi
300 Mbps on 2.4 GHz

High-Speed VDSL2 30a
100 Mbps VDSL access

Fast Wired Connections
1× FE LAN/WAN + 3× FE LAN ports

Remote Management
TR-069 (TR-098), TR-143

Which xDSL modem router is right for you?

Product Type	Dual-Band								Single-Band
Product image									
Model	VX830v	VX800v	VX700h	VX231v	VX230v	Archer VR1210v	VC223-G3v	VC220-G3u	VN020-F3
VDSL Standard/Profile	VDSL2 35b	G.fast 212MHz/ VDSL2 35b	VDSL2 17a (35b optional)	VDSL2 35b	VDSL2 35b	VDSL2 35b	VDSL2 30a	VDSL2 30a	VDSL2 30a
Wi-Fi Class	AX6000	AX6000	AX5400	AX1800	AX1800	AC1200	AC1200	AC1200	N300
Wi-Fi (5 GHz)	4804 Mbps	4804 Mbps	4804 Mbps	1201 Mbps	1201 Mbps	867 Mbps	867 Mbps	867 Mbps	-
Wi-Fi (2.4 GHz)	1148 Mbps	1148 Mbps	574 Mbps	574 Mbps	574 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Ethernet WAN Port	1× 2.5GE WAN 1× SFP Slot	1× 2.5GE WAN 1× SFP Slot	1× GE	1× GE	1× GE	1× GE	1× GE	1× GE LAN/WAN	1× FE LAN/WAN
Ethernet LAN Port	1× 2.5GE 2× GE	2× GE	4× GE	3× GE	3× GE	3× GE	4× GE	3× GE	3× GE
FXS Port	2	2	1	1	1	1	2	-	-
USB Port	1× USB 3.0	1× USB 3.0	1× USB2.0	1× USB2.0	1× USB2.0	1× USB2.0	-	1× USB2.0	-
DECT	-	•	-	•	-	-	-	-	-
OFDMA	•	•	•	•	-	-	-	-	-
160 MHz Channel	•	•	•	-	-	-	-	-	-
1024-QAM	•	•	•	•	•	•	•	-	-
MU-MIMO	•	•	•	•	•	•	•	•	-
Beamforming	•	•	•	•	•	•	•	•	-
Airtime Fairness	•	•	•	•	•	•	•	•	-
EasyMesh	•	•	-	•	•	•	•	•	-
Multi-SSID	•	•	•	•	•	•	•	•	•
VLAN	•	•	•	•	•	•	•	•	•
QoS	•	•	•	•	•	•	•	•	•
Parental Controls	•	•	•	•	•	•	•	•	•
IPv6	•	•	•	•	•	•	•	•	•
VPN Server	•	•	•	•	•	•	•	•	•
Access Control	•	•	•	•	•	•	•	•	•
Remote Management	TR-369/069/098/181/111/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/181/143	TR-069/098/143
Aginet App	•	•	-	•	•	•	•	•	-
HomeShield*	•	•	-	-	-	-	-	-	-
TAUC	•	•	-	•	•	•	-	-	-
Other	-	-	1 SIM Slot (CAT6)	-	-	-	-	-	-

The HomeShield feature is being developed and may be available by software update on some models.


DEC 7
TUE
TAUC
310.13
92.74

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