AXE5400

Tri-Band Wi-Fi 6E Router

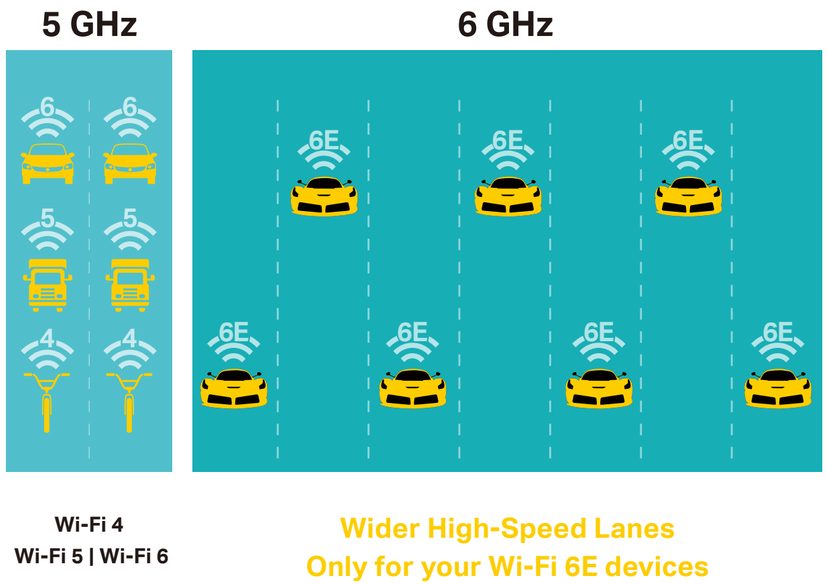
Faster. Broader. Unstoppable.

Archer AXE75

- Ultra-Fast Wi-Fi up to 5400 Mbps†
- Extensive Coverage 6 High-Performance Antennas
- 2.5G Multi-Gig Wired Connectivity
- 6E Wi-Fi 6E Greenfield 6 GHz Band

Highlights

Wi-Fi 6E Huge Leap Forward for Wi-Fi



Robust High-Speed Connections

Experience ultra-fast Wi-Fi with more connected devices thanks to the brand-new 6 GHz band. The added 160 MHz channels prevent competition over bandwidth and drops in speed.[†]

Clean and Congestion-Free

The 6 GHz band is exclusive to Wi-Fi 6E devices, which prevents interference from legacy devices. Unleash the most out of the latest Wi-Fi and enjoy congestion-free networking.

TP-Link HomeShield

TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.[*]

Network Protection

Detect cyber threats to keep your privacy and connected devices well protected.

Quality of Service (QoS)

Prioritize your bandwidth needs to get a better networking experience.

Parental Controls

Manage online time and block inappropriate content to maintain healthy online habits.

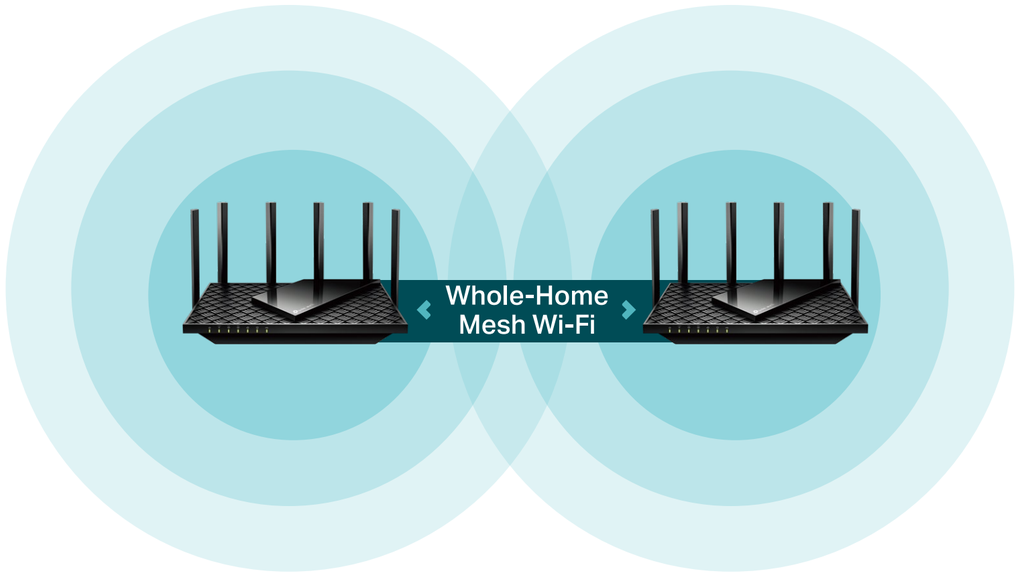
Comprehensive Reports

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

Highlights

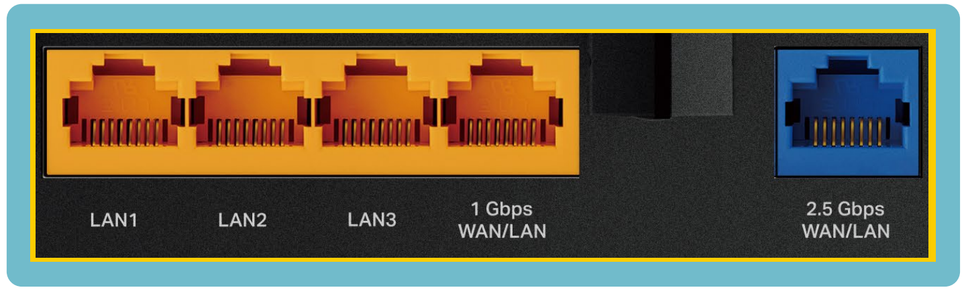
Flexible Whole-Home Wi-Fi

Six high-performance antennas and beamforming deliver broad coverage. Furthermore, Archer AXE75 is compatible with EasyMesh to form seamless while home mesh Wi-Fi, preventing drops and lag when moving between signals.‡



2.5 Gbps Multi-Gigabit Wired Connectivity

Experience lightning-speed connectivity with 2.5 Gbps port! Archer AXE75 features a 2.5 Gbps WAN/LAN port, maximizing Gigabit+speeds delivered by your internet provider. Break through the 1 G bottleneck and unleash performance.



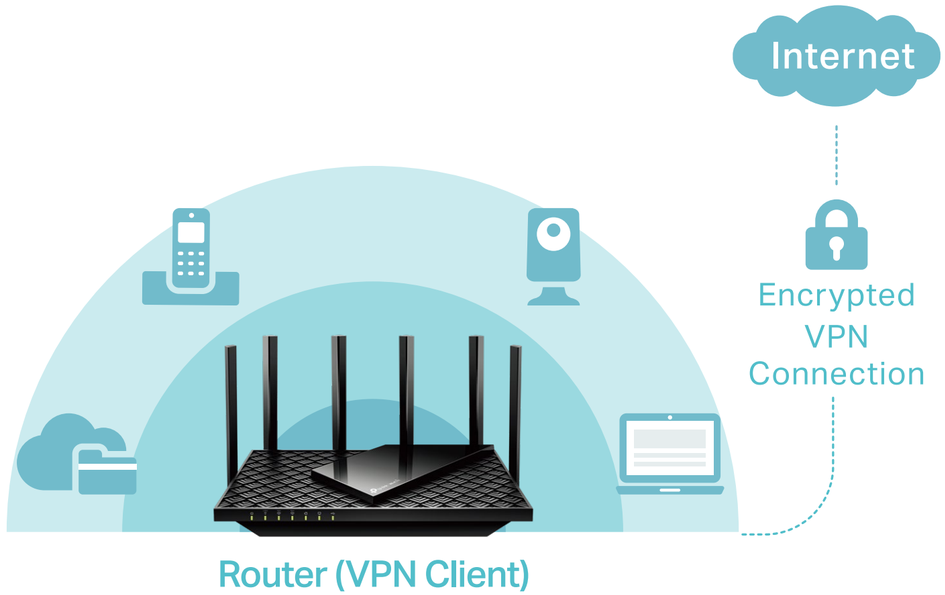
Highlights

WPA3 Security

The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity. More secure encryption in Wi-Fi password safety and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi.**

VPN Client Support

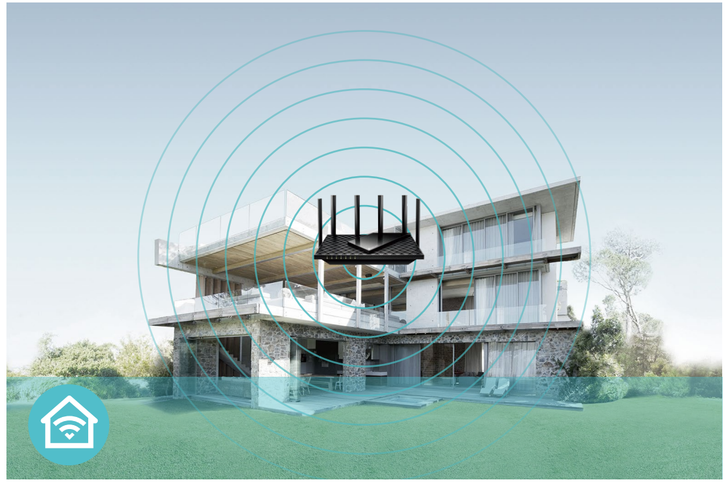
Archer AXE75 allows specified devices on your home network to access remote VPN servers without needing to install VPN software on every device.



Features

Speed

- AXE5400 Wi-Fi – 5.4 Gbps tri-band Wi-Fi 6E enables gaming, streaming and high-speed downloading on multiple devices—all at the same time†
- Greenfield 6 GHz Band – Provides robust high-speed connections with a brand-new expansive and congestion-free band.
- Tri-Band Capacity – Provides additional spectrum to connect more wireless clients and minimize congestion.
- Connect More, Stay Fast – Supports OFDMA to reduce congestion and quadruple your average throughput†



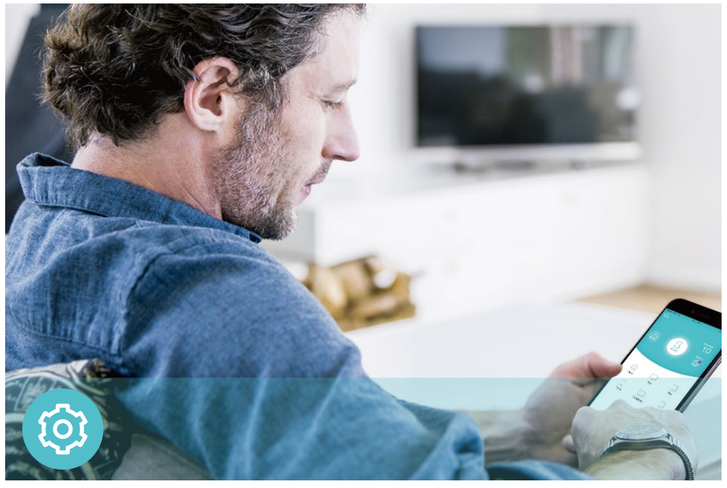
Wi-Fi Range

- Ultimate Range Wi-Fi – Six high-gain external antennas deliver a Wi-Fi signal to every corner of your home, making all of your connections more efficient and stable
- Beamforming Technology – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections
- Seamless EasyMesh network – Transfer between signals without any drops or lag by forming seamless whole home mesh Wi-Fi

Reliability

- Secure VPN Access – Connects to a private network with a safe and secure OpenVPN, PPTP VPN, and L2TP VPN connection and provides VPN access to devices in your network with VPN Client
- Airtime Fairness – Balances bandwidth of connected devices to improve overall throughput and efficiency
- Smart Connect – Intelligently switches each device's connection to the optimum available Wi-Fi band

Features

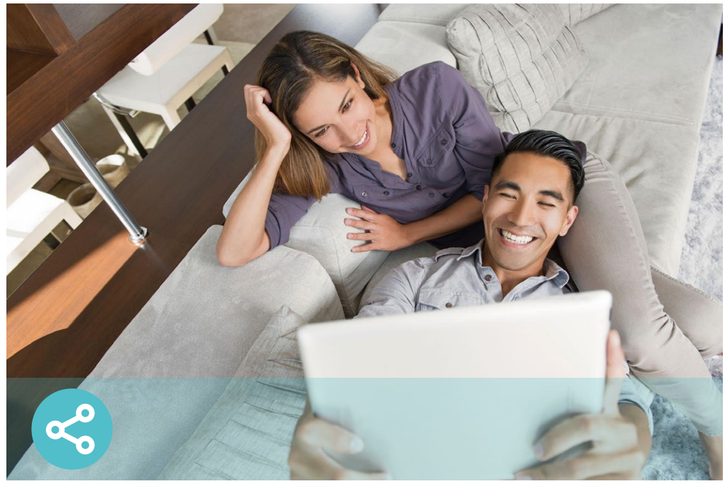


Ease of Use

- Intuitive Web UI – Ensures quick and simple installation without hassle
- WPS (Wi-Fi Protected Setup) – Help you to quickly and securely connect your devices to the router's network with a tap
- Power On/Off – Conveniently power on or off your router as required
- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether app, available on any Android and iOS device

Security

- HomeShield – TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection
- Guest Network – Provides separate access for guests to secure the home network
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet
- Encryptions for Secure Network – WPA/WPA2-Personal, WPA2/WPA3-Personal, WPA/WPA2-Enterprise encryptions provide active protection against security threats



Easy Sharing

- USB Port – Connects external storage devices to rapidly share files, photos, and videos
- Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network

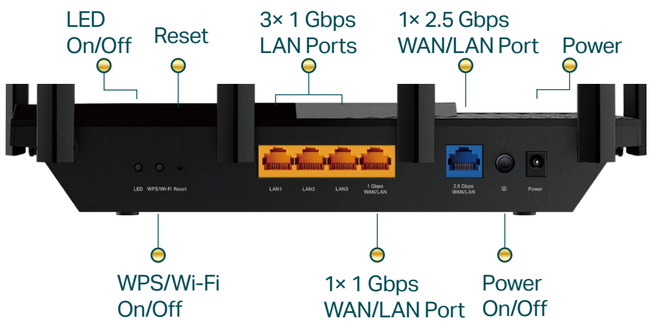
Specifications

Wireless

- Standards: IEEE 802.11ax 6 GHz, IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11ax/n/b/g 2.4 GHz
- Wi-Fi Speeds: 2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)†
- Wi-Fi Range: 6× Fixed High-Performance Antennas, Beamforming
- Wi-Fi Capacity: Tri-Band, OFDMA, Airtime Fairness, DFS, 6 Streams
- Working Modes: Router Mode, Access Point Mode

Hardware

- Processor: 1.0 GHz Dual-Core CPU
- Ethernet Ports: 1× Gigabit WAN Port, 4× Gigabit LAN Ports
- USB Support: 1× USB 2.0 Port
- Buttons: LED On/Off Button, WPS Button, Wi-Fi On/Off Button, Reset Button, Power On/Off Button
- Power: 12 V/2.5 A



Security

- Wi-Fi Encryption: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
- Network Security: SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway, HomeShield Security
- Guest Network:
  1× 6 GHz Guest Network, 1× 5 GHz Guest Network, 1× 2.4 GHz Guest Network
- VPN Server: OpenVPN, PPTP, L2TP, WireGuard VPN Server
- VPN Client: OpenVPN, PPTP, L2TP, WireGuard VPN Client

Software

- Protocols: IPv4, IPv6
- Service Kits: HomeShield
- OneMesh: Supported
- Parental Controls: HomeShield Parental Controls
- WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- Quality of Service: QoS by Device
- Cloud Service: Auto Firmware Upgrade, TP-Link ID, DDNS
- NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP, Virtual Server
- DDNS: TP-Link, NO-IP, DynDNS

Specifications

Physical

- Dimensions (W×D×H): 10.7 × 5.8 × 1.9 in (272.5 × 147.2 × 49.2 mm)
- Package Contents:

  Wireless Router Archer AXE75

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

Other

- System Requirements:

  Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser

  Cable or DSL Modem (if needed)

  Subscription with an internet service provider (for internet access)
- Certifications: FCC, RoHS
- Environment:

  Operating Temperature: 0°C~40°C (32°F ~104°F)

  Operating Humidity: 10%~90% non-condensing

To learn more about the product, please visit

https://www.tp-link.com/products/details/Archer-AXE75.html

Or scan the QR code left

Test Data

- Wi-Fi Transmission Power:

  FCC: ≤ 30 dBm (2.4 GHz), ≤ 30 dBm (5 GHz), ≤ 25 dBm (6 GHz)

  CE: ≤ 23 dBm EIRP (5.17 GHz-5.35 GHz), ≤ 30 dBm EIRP (5.47 GHz-5.725 GHz),

  ≤ 20 dBm EIRP (2.4 GHz), ≤ 23 dBm EIRP (6 GHz)
- Wi-Fi Reception Sensitivity:

  2.4 GHz:

  11ax HE20 MCS0: -95dBm，11ax HE20 MCS11: -65dBm

  11ax HE40 MCS0: -93dBm，11ax HE40 MCS11: -63dBm

  5 GHz:

  11ax HE20 MCS0:-95dBm, 11ax HE20 MCS11:-65dBm

  11ax HE40 MCS0:-93dBm, 11ax HE40 MCS11:-62dBm

  11ax HE80 MCS0:-89dBm, 11ax HE80 MCS11:-59dBm

  11ax HE160 MCS0:-85dBm, 11ax HE160 MCS11:-57dBm

  6 GHz:：

  11ax HE20 MCS0:-92dBm, 11ax HE20 MCS11:-63dBm

  11ax HE40 MCS0:-89dBm, 11ax HE40 MCS11:-60dBm

  11ax HE80 MCS0:-87dBm, 11ax HE80 MCS11:-58dBm

  11ax HE160 MCS0:-83dBm, 11ax HE160 MCS11:-55dBm

To learn more about TP-Link EasyMesh Devices, please visit

https://www.tp-link.com/easymesh/product-list/

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†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location. Use of Wi-Fi 6 (802.11ax), Wi-Fi 6E, and features including OFDMA, 1024-QAM, and HE160 require clients to also support the corresponding features. Seven 160MHz channels may not be all available in the 6 GHz band in some regions/countries due to regulatory restrictions.
‡TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-Compatible function is still being developed on some models and will be supported in subsequent software updates.
*HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield for more information.
**Use of WPA3 requires clients to also support the corresponding feature.
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