AX5400

Tri-Band Wi-Fi 6E Router

Faster. Broader. Unstoppable.

2.5G MULTI-GIGABIT PORT

HomeShield

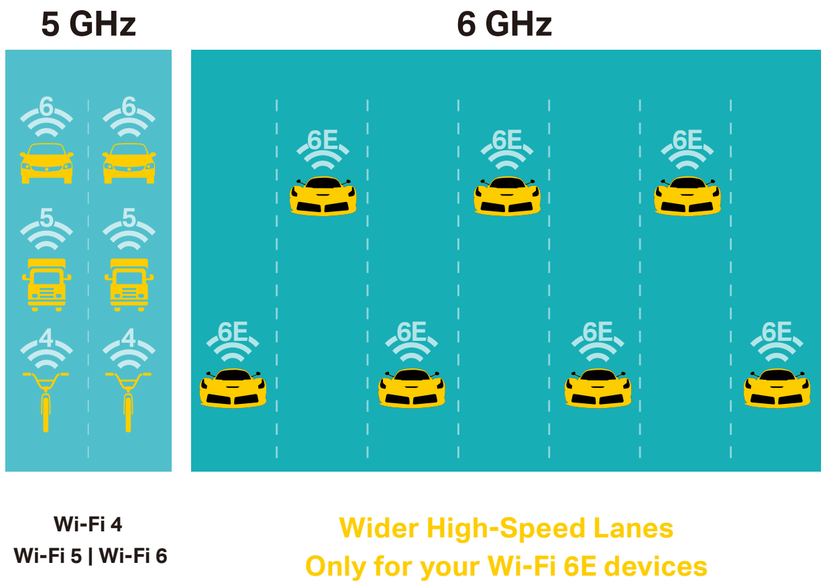


Archer AXE5400V

- Ultra-Fast Wi-Fi up to 5400 Mbps†
- Connect More Devices OFDMA + MU-MIMO‡
- High Performance CPU

Highlights

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



Robust High-Speed Connections

Connect to an even faster Wi-Fi. The brand-new 6 GHz band is wide enough for 7 extra 160 MHz channels, preventing 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.[Δ]

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 control your family's digital habits.

Comprehensive Reports

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

Highlights

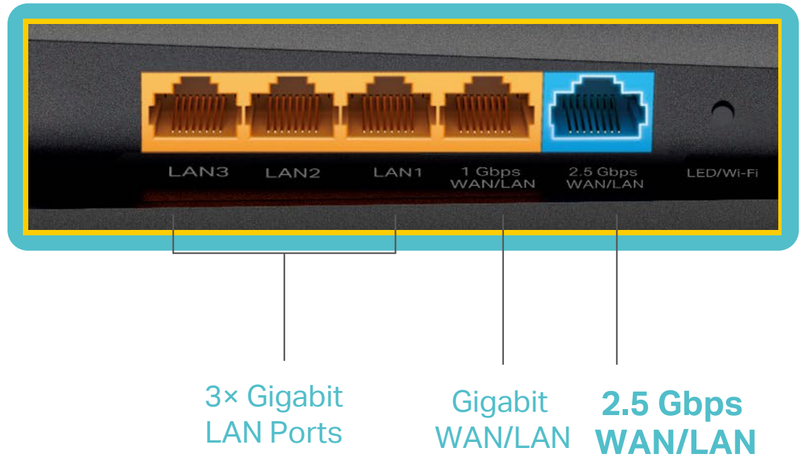
Flexible Whole-Home Wi-Fi

High-performance antennas and Beamforming deliver broad coverage. Furthermore, Archer AXE5400V supports EasyMesh™ to form seamless whole-home coverage, preventing drops and lag when moving between signals.



Multi-Gig Internet Connection

A 2.5 Gbps port and 1 Gbps port make full use of gigabit speeds from your local ISP. Break through the 1G bottleneck and drive your devices to peak performance. WAN/LAN support gives you remarkable flexibility to tailor both ports to fit your network's needs.[§]



Highlights

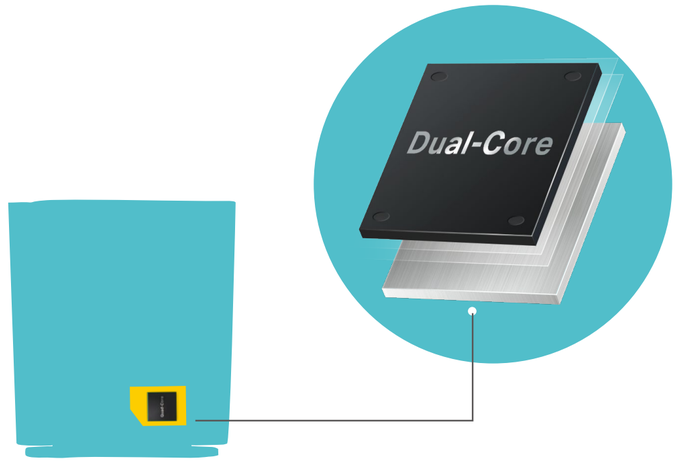
VPN Client Supported

With VPN client support, AXE5400V allows specified devices in your home network to access remote VPN servers without needing to install VPN software on every device. AXE5400V can also run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.



High Performance CPU

A Dual-Core CPU provides the processing ability to handle enormous data throughput and minimizes the lag within your home network, giving you a smooth online experience.



Features



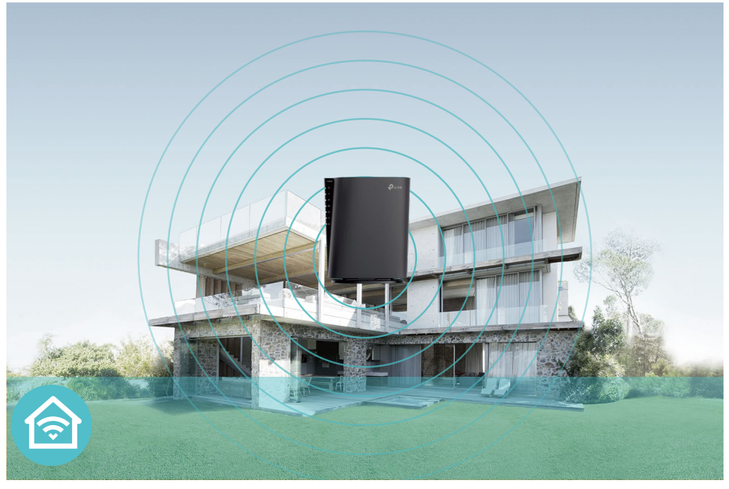
Unmatched Speeds

- 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[†]
- Wi-Fi 6 Technology – Wi-Fi 6 (802.11ax) features advanced technologies, including OFDMA, HE160, and 1024-QAM, drastically increasing the speed and efficiency of your entire network.[‡]
- 160 MHz Channel – Double the data at peak transmission time on a single stream.[†]
- Smart Connect – Intelligently assigns each device to the best Wi-Fi band for optimal performance.
- Multi-Gig Internet Connection – A 2.5 Gbps port and 1 Gbps port make full use of gigabit speeds from your local ISP. Break through the 1G bottleneck and drive your devices to peak performance.



High Capacity and Reliable Connections

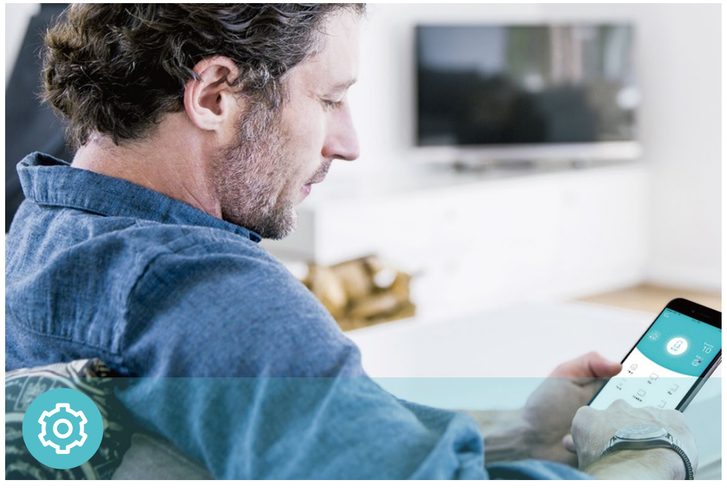
- High Performance CPU – A Dual-Core CPU enhances data processing and reduces lag in your home network, ensuring a smooth online experience.
- Connect More, Stay Fast – Supports OFDMA to reduce congestion and quadruple your average throughput.[§]
- MU-MIMO and 6-Stream – Simultaneously sends data to multiple devices for faster speed, offering 4× larger capacity.[†]
- Airtime Fairness – Balances bandwidth of connected devices to improve overall throughput and efficiency.



Broad Wi-Fi Range

- Ultimate Range Wi-Fi – Four dual-band high-gain internal 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 and manage your whole network using a centralized panel.

Features



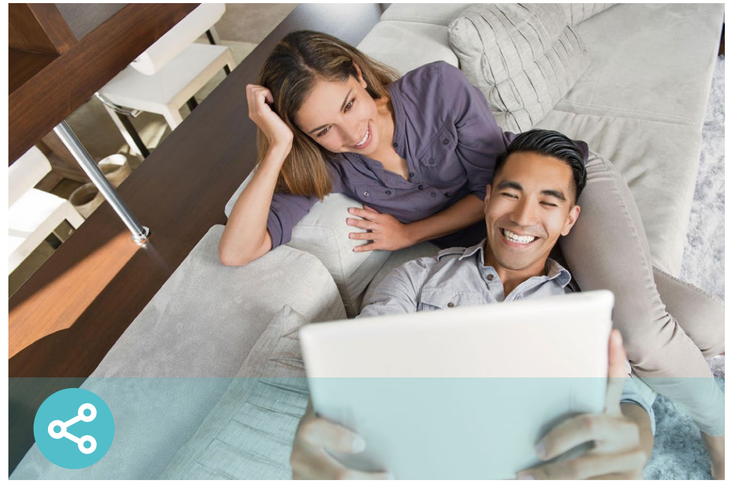
Ease of Use

- Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether app, available on any Android and iOS device.
- Intuitive Web UI – Ensures quick and simple installation without hassle.
- Backwards Compatible – Take your Wi-Fi to the next level while being backwards compatible with existing 802.11a/b/g/n/ac Wi-Fi standards.
- Works with Amazon Alexa and Google Assistant – Utilize Amazon Alexa and Google Assistant to control everything via voice commands to enjoy truly intelligent life.
- Flexible Placement to Fit Your Home – Archer AXE5400V is easy to place vertically on a desktop or mount to a wall.



Robust Security

- HomeShield – TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.*
- Parental Controls – Manage online time and block inappropriate content to control your family's digital habits.
- Guest Network – Provides separate access for guests to secure the home network.
- Advanced WPA3 Encryptions – The latest WiFi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks.**
- Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet.



Value-Added Features

- More Values – Advanced functions like IPTV, IPv6 compatibility, and Access Point mode bring more values.

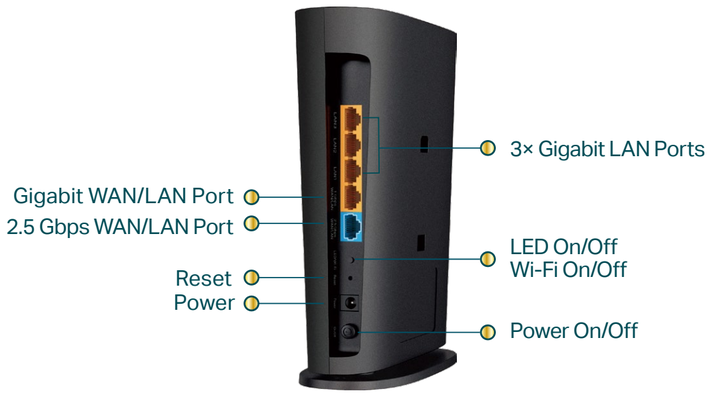
Specifications

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: 4× High-performance Internal Antennas, Beamforming
- Wi-Fi Capacity: Dual-Band, OFDMA, Airtime Fairness, DFS, 6 Streams
- Working Modes: Router Mode, Access Point Mode

Hardware

- Processor: Dual-Core CPU
- Ethernet Ports: 1× 2.5 Gbps WAN/LAN, 1× 1 Gbps WAN/LAN, 3× Gigabit LAN
- Buttons: LED On/Off and Wi-Fi On/Off Combo Button, Reset Button, Power On/Off Button, WPS Button
- Power: 12 V/2 A
- Installation: Desktop, Wall-Mounting



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 Client and Server: OpenVPN, PPTP, L2TP, WireGuard VPN

Software

- Protocols: IPv4, IPv6
- Service Kits: HomeShield
- EasyMesh: Supported
- Parental Controls: HomeShield Parental Controls
- WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP, DS-Lite, v6plus, MAP-E(OCN)
- Quality of Service: QoS by Device
- Cloud Service: Auto Firmware Upgrade, TP-Link ID, DDNS
- NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP
- DDNS: TP-Link, NO-IP, DynDNS

Specifications

Physical

- Dimensions (W×D×H): 7.4 × 2.3 × 7.9 in (189 × 59 × 200 mm)
- Package Contents:

  Wi-Fi Router Archer AXE5400V

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

Other

- System Requirements:

  Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser

  *You are recommended to use the latest version

  Cable or DSL Modem (if needed)

  Subscription with an internet service provider (for internet access)
- Certifications: CE, RoHS, JPA JRF VCCI
- Environment:

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

  Operating Humidity: 10%~90% non-condensing

For more information, please visit
https://www.tp-link.com/jp/products/details/?model=Archer+AXE5400V
or scan the QR code left

Test Data

- Wi-Fi Transmission Power:

  CE: <23dBm (5.945GHz~6.425GHz)

  <23dBm (5.15GHz~5.35GHz)

  <30dBm (5.47GHz~5.71GHz)

  <20dBm (2.4GHz)
- Wi-Fi Reception Sensitivity:

  2.4 GHz:

  11ac VHT20 MCS0: -91dBm, 11ax HE40 MCS11: -57dBm

  5 GHz:

  11ac VHT20 MCS0: -91dBm, 11ac VHT80 MCS9: -61dBm,

  11ax HE20 MCS0: -91dBm, 11ax HE20 MCS11: -61dBm,

  11ax HE80 MCS11: -55dBm, 11ax HE160 MCS11: -53dBm

  6 GHz:

  11ax HE20 MCS0: -91dBm, 11ax HE20 MCS11: -61dBm,

  11ax HE80 MCS11: -56dBm, 11ax HE160 MCS11: -54dBm

[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage, and connected devices 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), and features including OFDMA, MU-MIMO, 1024-QAM, and HE160 require clients to also support the corresponding features. The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.
[§]2.5 Gbps internet speeds require compatible service plans and equipment. 2.5 Gbps and Gigabit ports cannot be concurrently configured as WAN ports.
[ᵈ]Saving clients' battery power requires clients to also support the 802.11ax Wi-Fi standard. Actual power reduction may vary as a result of network conditions, client limitations, and environmental factors.
*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.
*** This router may not support all the mandatory features as ratified in IEEE 802.11ax specification. Further software upgrades for feature availability may be required.
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