tp-link

OneMesh™

Wi-Fi 6E

AXE5400
Tri-Band Wi-Fi 6E Router

Faster. Broader. Unstoppable.

Archer AXE5400
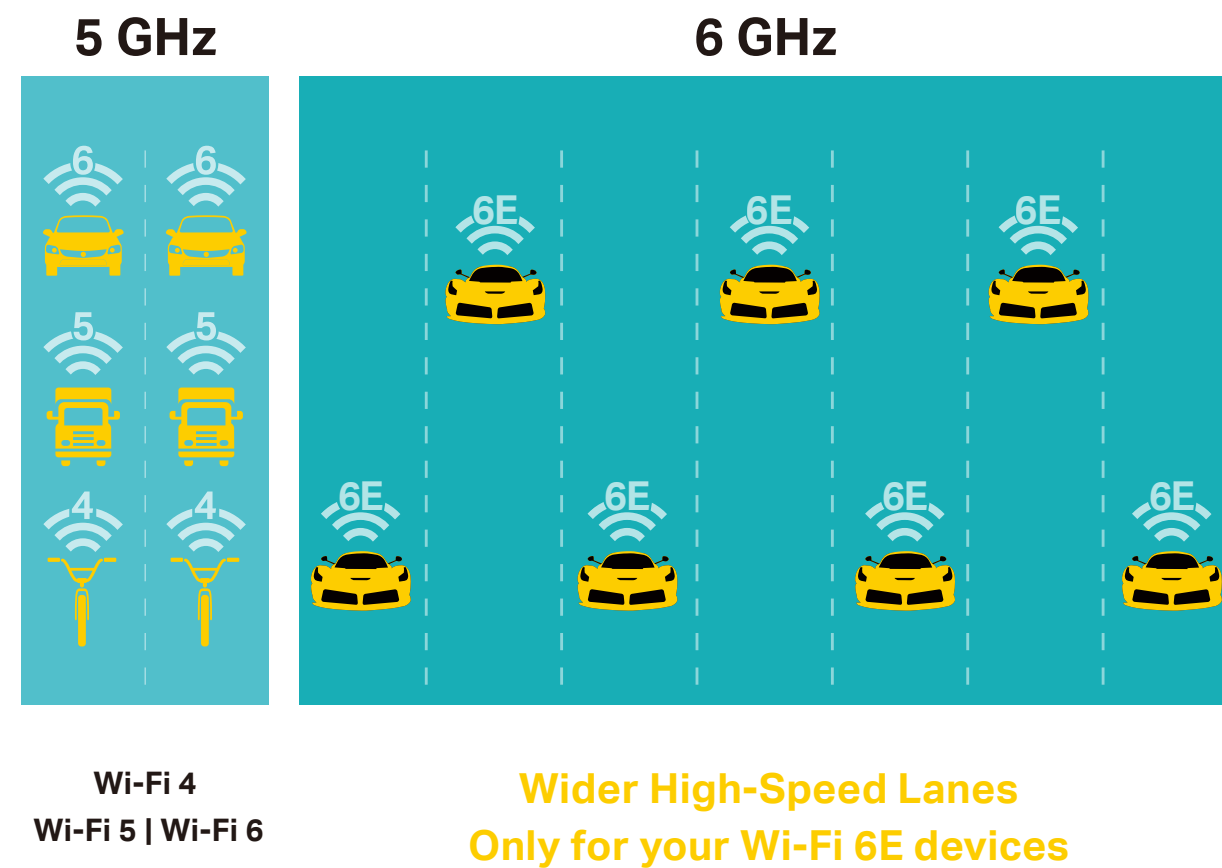
Ultra-Fast Wi-Fi
up to 5400 Mbps†

Extensive Coverage
6 High-Performance Antennas

Works with All
Wi-Fi Devices‡

Works with All
Internet Providers*

Highlights

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

5 GHz

6 GHz

Wi-Fi 4
Wi-Fi 5 | Wi-Fi 6

**Wider High-Speed Lanes
Only for your Wi-Fi 6E devices**

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.[*]

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.
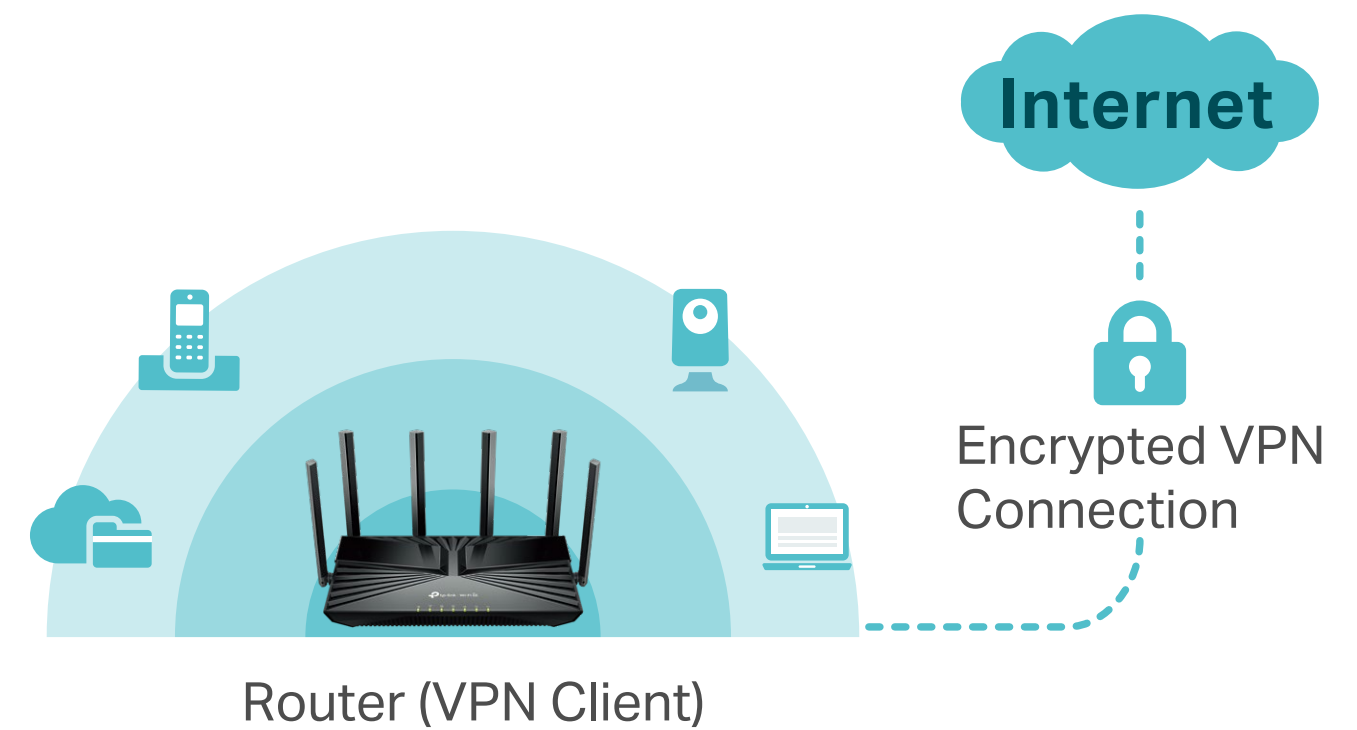
Highlights

Flexible Whole-Home Wi-Fi

OneMesh™ is a simple way to form a Mesh network with a single Wi-Fi name for seamless whole-home coverage. Connect a OneMesh™ range extender to Archer AXE5400 and never waste time searching for a stable connection again.

Whole-Home Mesh Wi-Fi
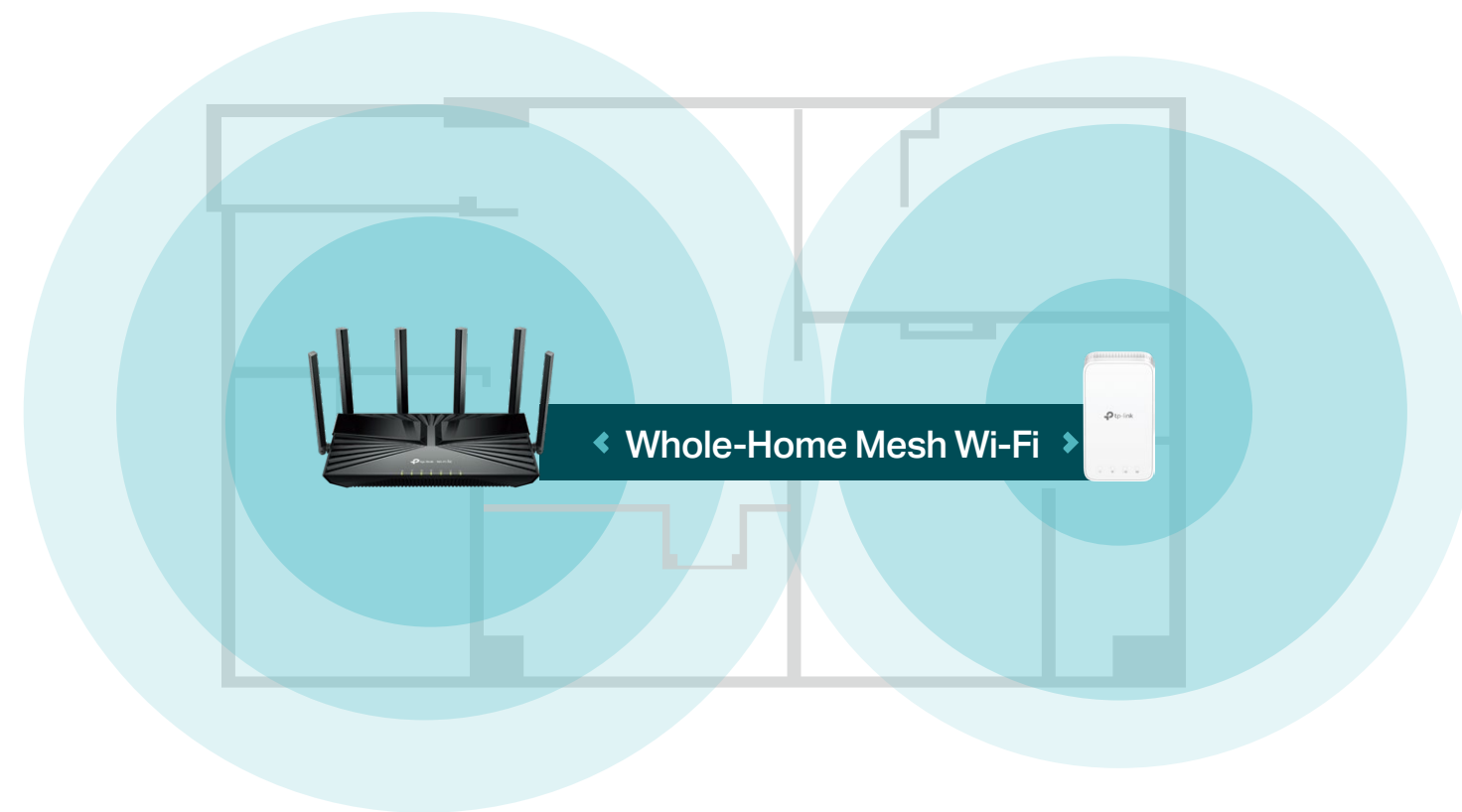
VPN Client Support

With VPN client support, AXE5400 allows specified devices in your home network to access remote VPN servers without needing to install VPN software on every device. AXE5400 can also run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.

Internet

Encrypted VPN Connection

Router (VPN Client)

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.**

Powerful Processing

A powerful CPU processes multiple complex tasks and demanding applications with ease. Its processing power minimizes internal latency to keep your connections fast and uninterrupted.
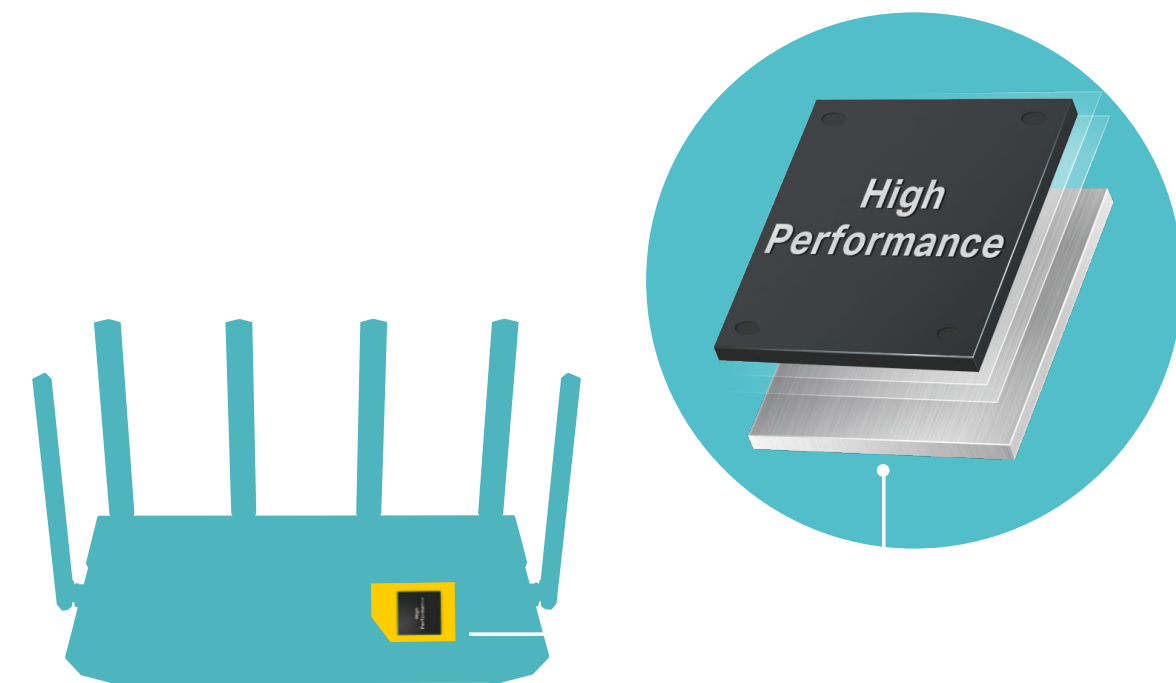
Features

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[†]
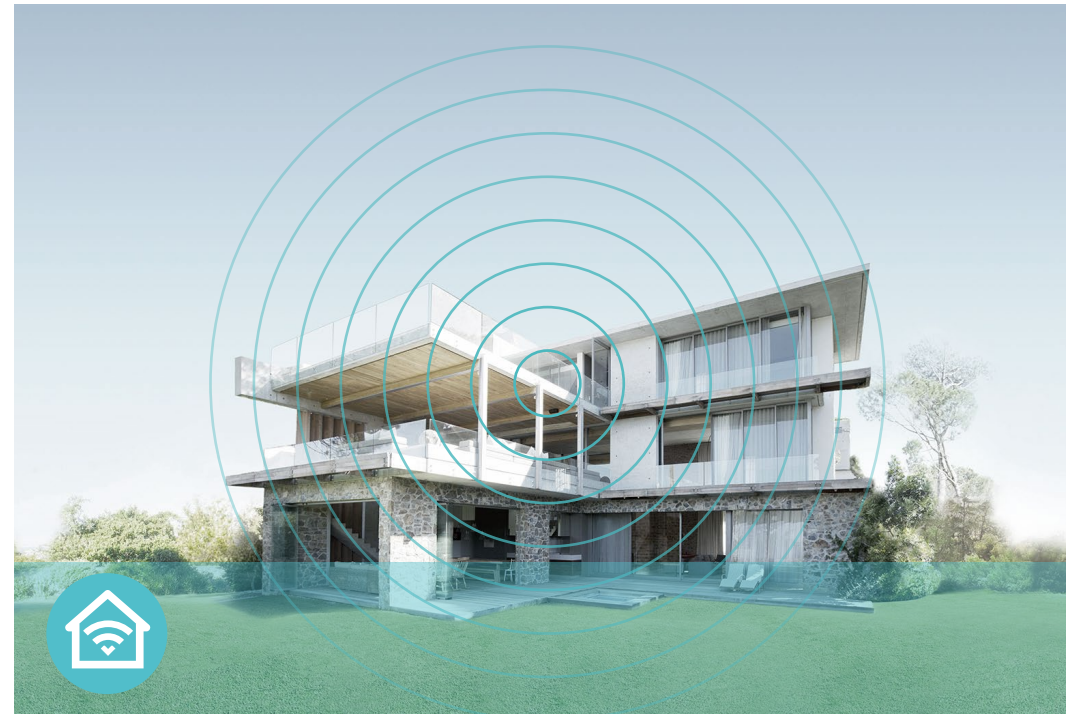
Wi-Fi Range

· **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 OneMesh network** – Transfer between signals without any drops or lag and manage your whole network using a centralized panel

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
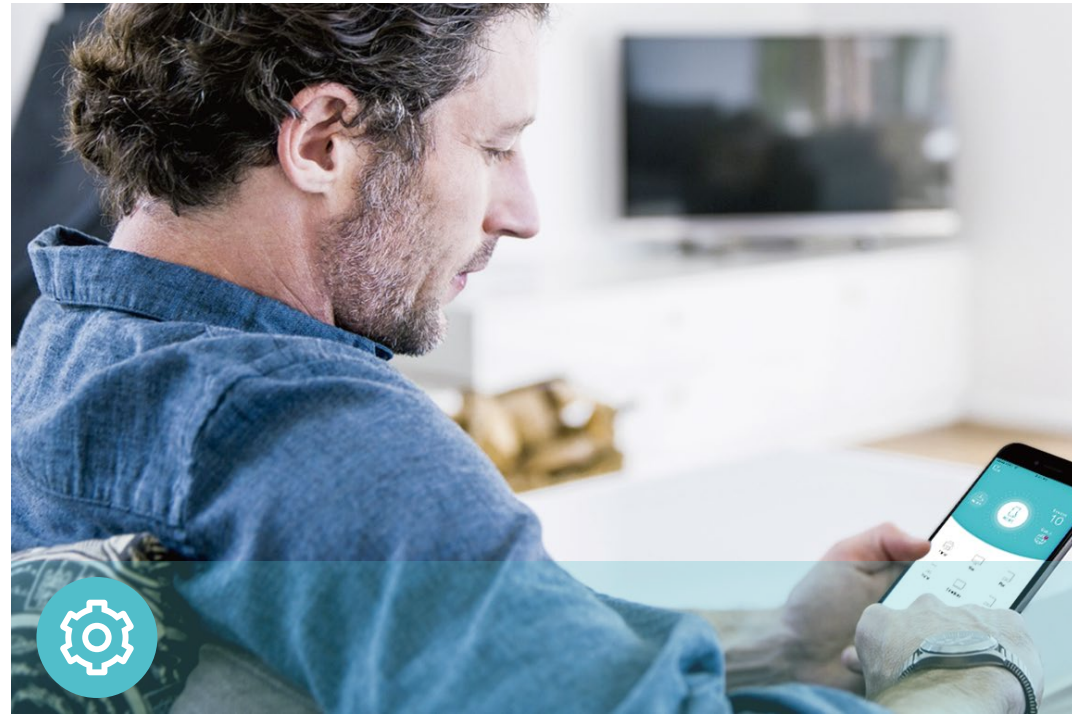
Ease of Use

· 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
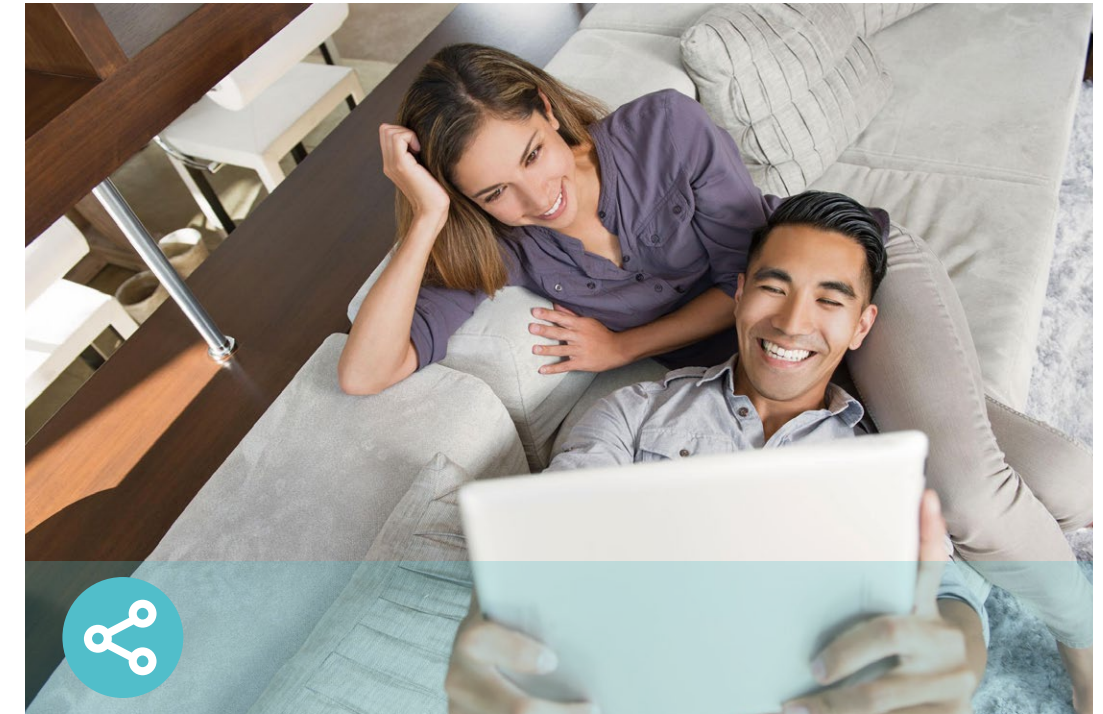
Easy Sharing

· 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/g/b 2.4 GHz

· WiFi Speeds: 2402 Mbps (6 GHz) + 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz)[†]

· WiFi Range: 6× Fixed High-Performance Antennas, Beamforming

· WiFi Capacity: Tri-Band, OFDMA, Airtime Fairness, DFS, 6 Streams

· Working Modes: Router Mode, Access Point Mode

Hardware

· Processor: 1.7 GHz Quad-Core CPU

· Ethernet Ports: 1× Gigabit WAN Port, 4× Gigabit LAN Ports

· USB Support: 1× USB 3.0 Port

· Buttons: LED On/Off Button, WPS Button, Wi-Fi On/Off Button, Reset Button, Power On/Off Button

Wi-Fi On/Off   Reset   Gigabit WAN Port

LED On/Off   WPS   4× Gigabit LAN Ports   Power On/Off   Power

USB 3.0 Port
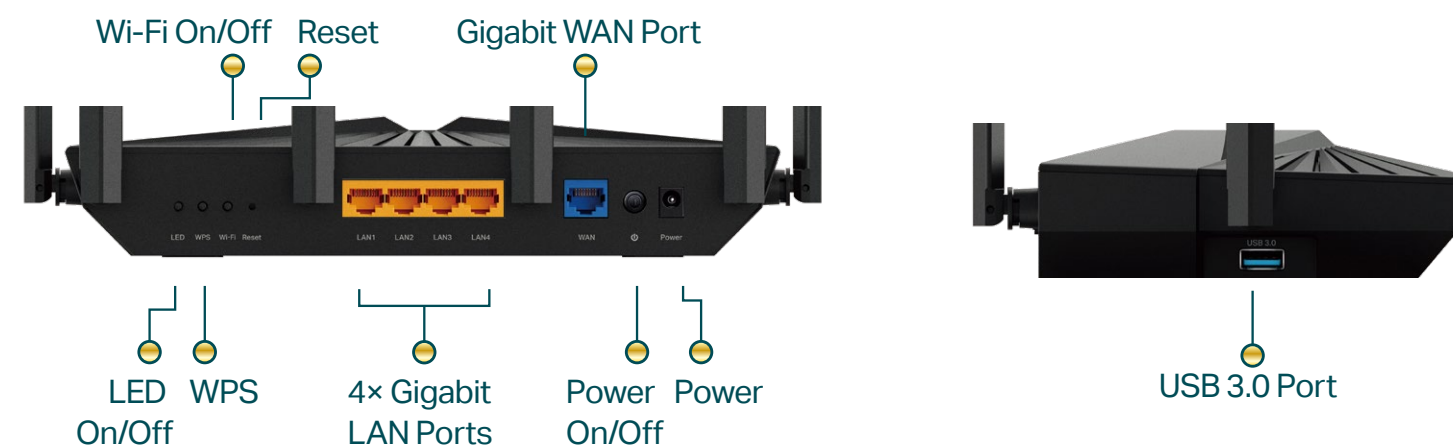
Security

· WiFi 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 VPN Server

· VPN Client: OpenVPN, PPTP, L2TP 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

· DDNS: TP-Link, NO-IP, DynDNS

Specifications

Physical

· Dimensions (W×D×H): 10.3 × 5.6 × 2.0 in (262 × 143.5 × 51.5 mm)

· Package Contents:

Wi-Fi Router Archer AXE5400

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℃~40℃ (32°F ~104°F)

Operating Humidity: 10%~90% non-condensing

Test Data

· WiFi Transmission Power:

FCC: ≤29dBm (2.4 GHz), ≤28dBm (5 GHz), ≤22dBm (6 GHz)

· WiFi Reception Sensitivity:

2.4 GHz:

11ax HE20 MCS0:-95dBm, 11ax HE20 MCS11:-64dBm

11ax HE40 MCS0:-92dBm, 11ax HE40 MCS11:-62dBm

5 GHz:

11ax HE20 MCS0:-94dBm, 11ax HE20 MCS11:-63dBm

11ax HE40 MCS0:-91dBm, 11ax HE40 MCS11:-60dBm

11ax HE80 MCS0:-88dBm, 11ax HE80 MCS11:-57dBm

11ax HE160 MCS0:-85dBm, 11ax HE160 MCS11:-54dBm

6 GHz:

11ax HE20 MCS0:-93dBm, 11ax HE20 MCS11:-62dBm

11ax HE40 MCS0:-90dBm, 11ax HE40 MCS11:-59dBm

11ax HE80 MCS0:-87dBm, 11ax HE80 MCS11:-56dBm

11ax HE160 MCS0:-84dBm, 11ax HE160 MCS11:-53dBm

For more information, please visit

http://www.tp-link.com/products/details/Archer-AXE5400.html

or scan the QR code left