tp-link

Wi-Fi 6

AX6600 Tri-Band Wi-Fi 6 Router

Explore the New Era of Wi-Fi

Archer AX90

AX6600
Tri-Band Speed

2.5 Gbps
Wired Connectivity

8 Streams
for More Devices

8 High-Performance
Antennas

Highlights

Wi-Fi 6 Faster. Broader. Unstoppable.

The Archer AX90, based on the next generation 802.11ax Wi-Fi technology, takes your Wi-Fi to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.

Unrivaled Tri-Band Speed
1024-QAM and HT160 boost overall speeds up to an incredible 6600 Mbps.‡

8 Streams for More Devices
Eight Wi-Fi streams utilize OFDMA and MU-MIMO to bring more available bandwidth and less congestion for all devices.‡

Save Smart Devices' Power
Target Wake Time schedules the connection time of battery-powered devices to reduce their power consumption.△

Backwards Compatible
Take your Wi-Fi to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.△

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 faster networking experience.

Parental Controls
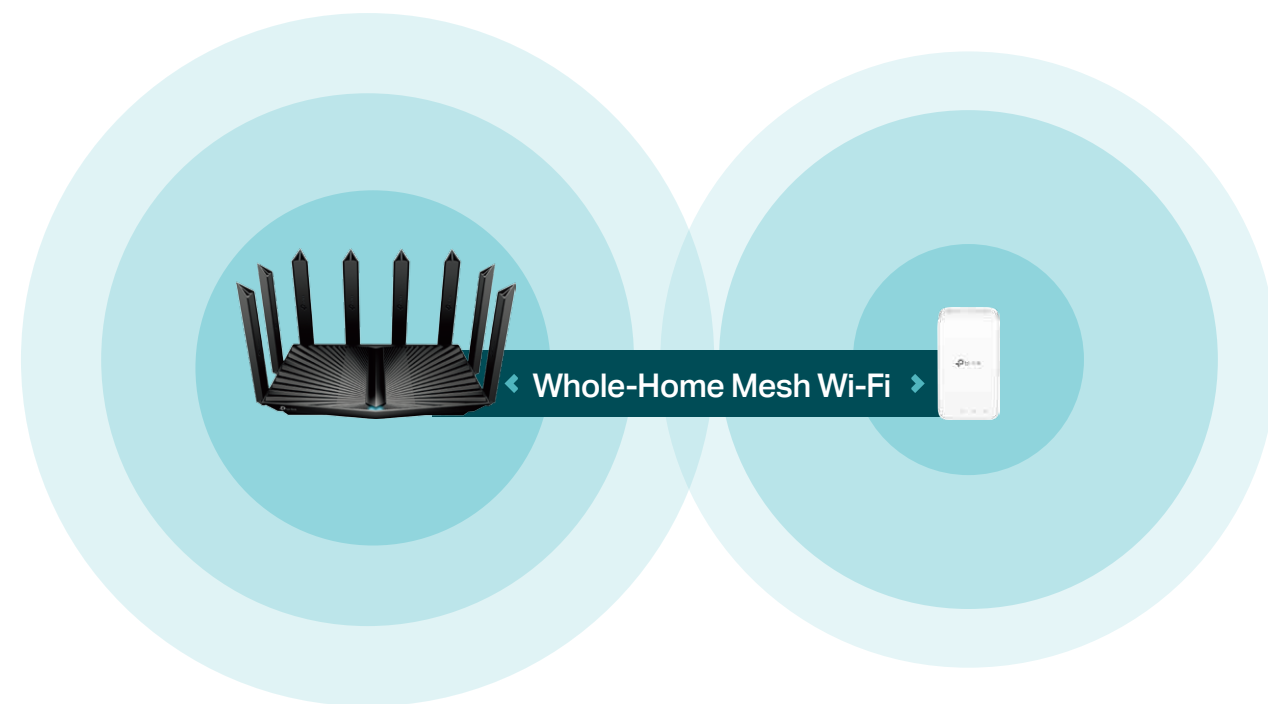Manage online time and block inappropriate content to keep families healthy online.

Comprehensive Reports
Gain full statistics and insights to help you know your home network better.
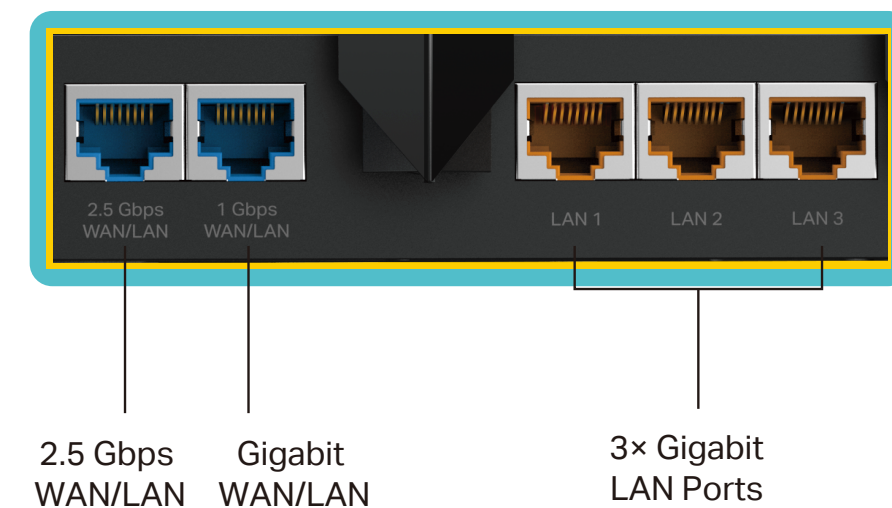
Highlights

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 AX90 and never waste time searching for a stable connection again.

Superior Connectivity

Archer AX90's 2.5 Gbps and 1 Gbps WAN/LAN ports offer you maximum flexibility and boost your total internet throughput. Three gigabit LAN ports give you full control and blistering data transfer speeds for peak performance.[§]

Whole-Home Mesh Wi-Fi

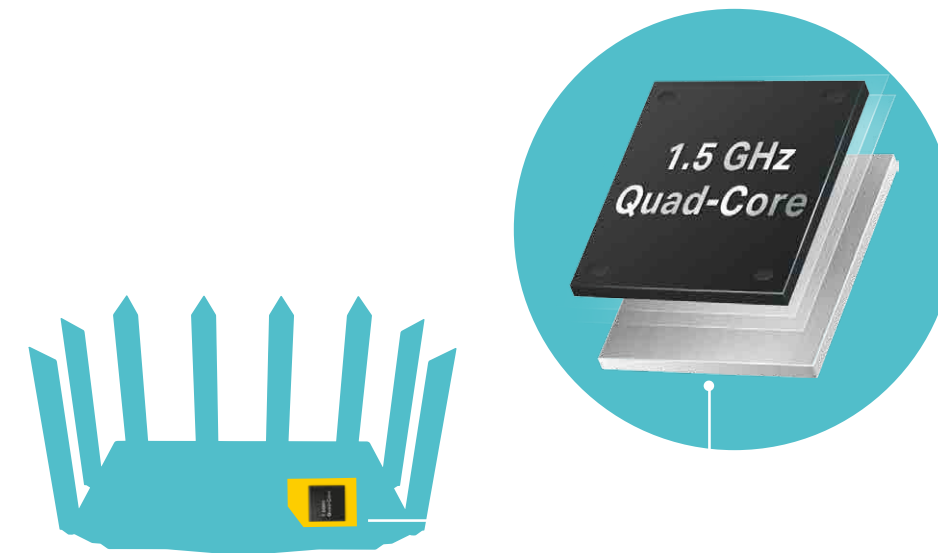2.5 Gbps WAN/LAN Gigabit WAN/LAN 3× Gigabit LAN Ports

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.**

Cutting-Edge Processing

A powerful 1.5 GHz quad-core CPU powers through multiple complex tasks and demanding applications with ease. Its processing power minimizes internal latency to keep your connections fast and uninterrupted.
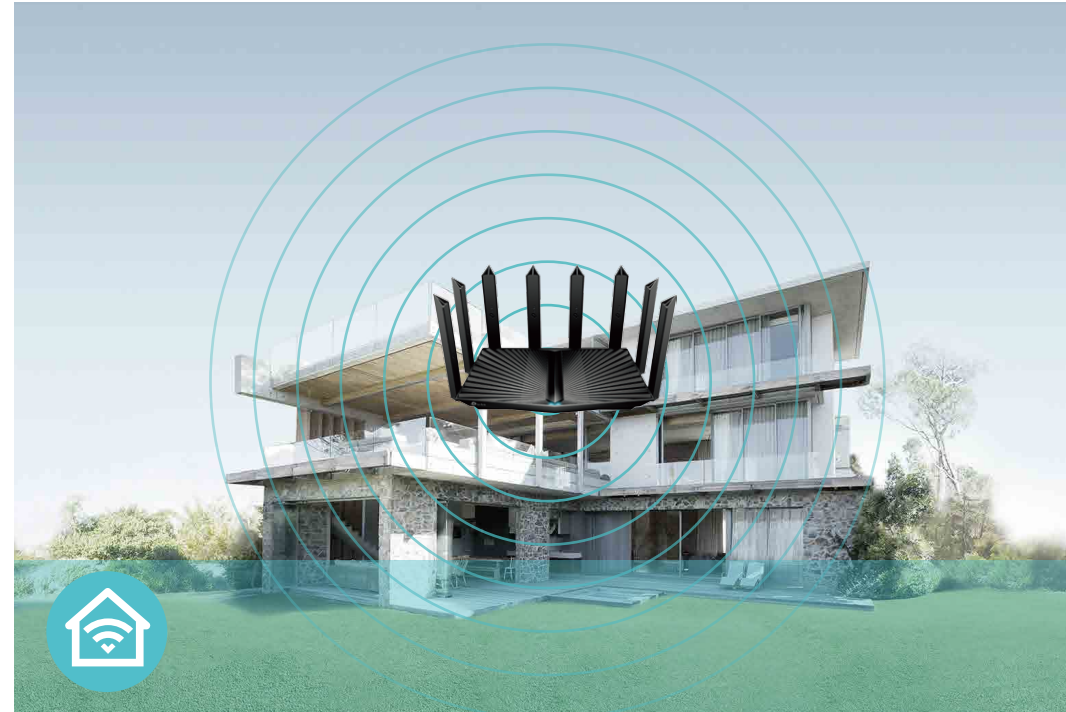
Features

Speed

· **Wi-Fi 6 Technology** – Wi-Fi 6 (802.11ax) features advanced technologies, including OFDMA, MU-MIMO, HT160, and 1024-QAM, drastically increasing the speed and efficiency of your entire network[‡]

· **OFDMA** – Provides 4× greater capacity for more simultaneous connections.[§]

· **Next-Gen Wireless Speed** – 4804 Mbps (5GHz) + 1201 Mbps (5GHz) + 574 Mbps (2.4GHz)
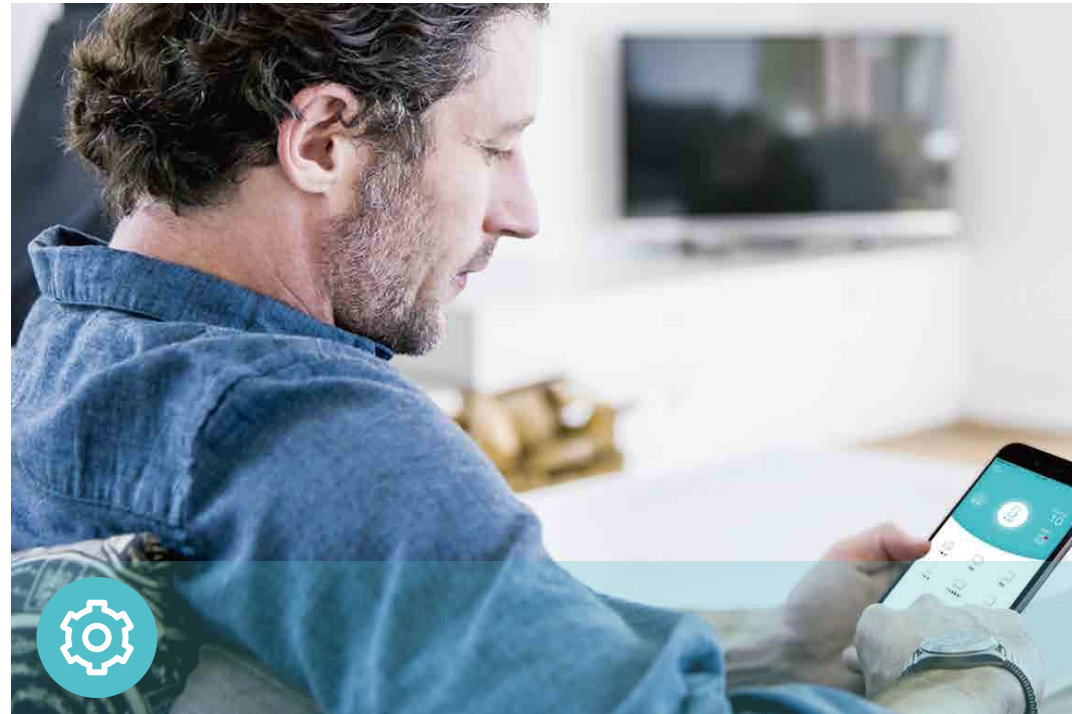
Wi-Fi Range

· **Ultimate Range Wi-Fi** – Eight 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

Reliability

· **Secure VPN Access** – Connects to a private network with a safe and secure OpenVPN and PPTP VPN connection

· **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
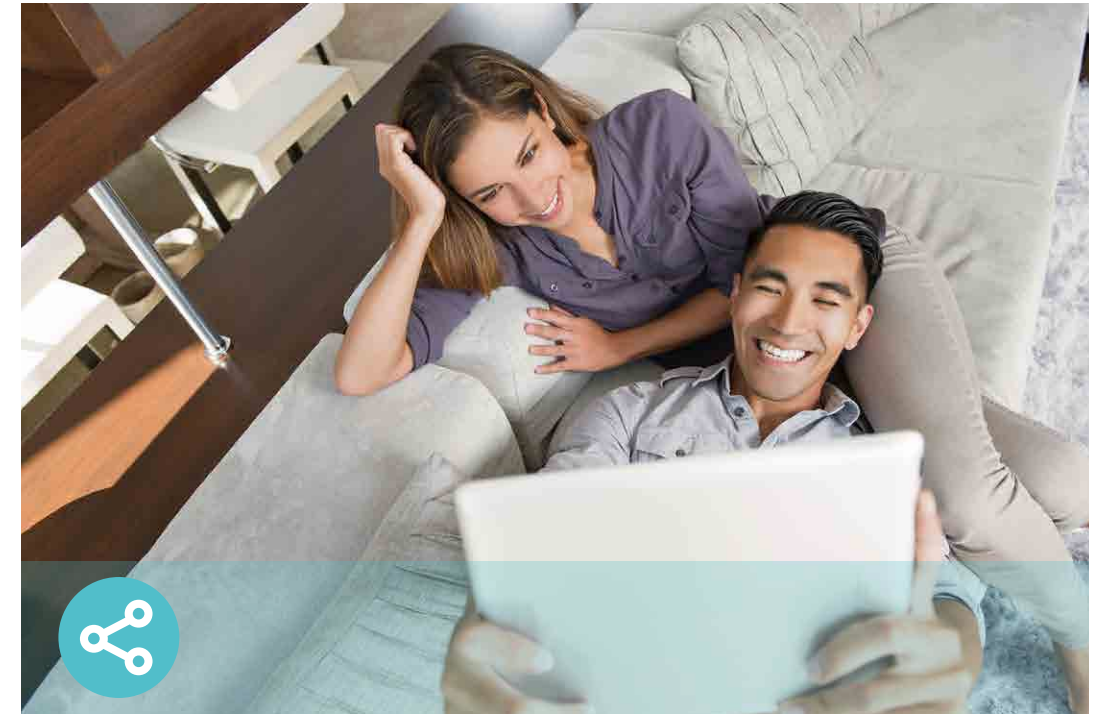
Features

Ease of Use

· Intuitive Web UI – Ensures quick and simple installation without hassle

· Fast Encryption – One-touch WPA wireless security encryption with the WPS button

· 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

· Parental Controls – Manage when and how connected devices can access the internet

· 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
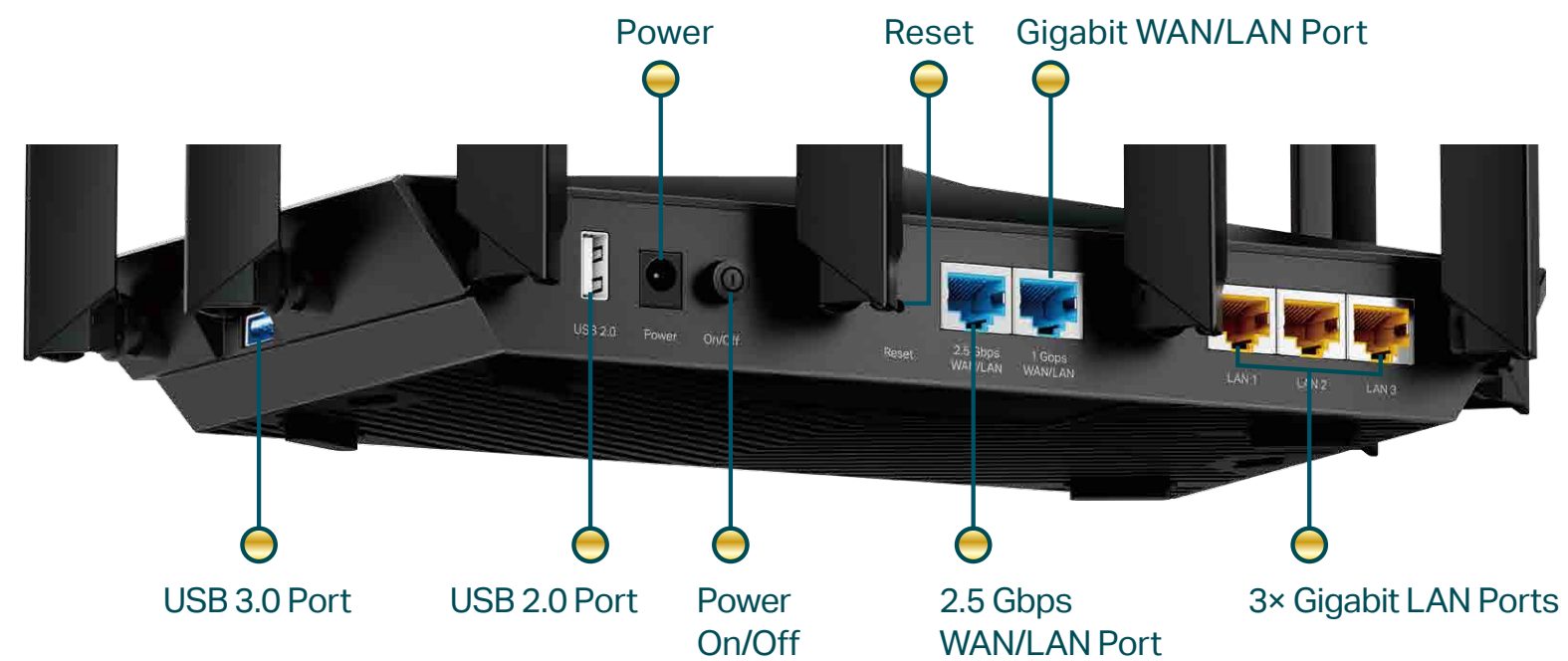
Easy Sharing

· 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

Hardware

- Wireless: 4804 Mbps (5 GHz) + 1201 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

- Antennas: 8× High-Performance Antennas

- Ethernet Ports: 1× 2.5 Gbps WAN/LAN Port +

  1× Gigabit WAN/LAN Port + 3 × Gigabit LAN Ports

- USB Ports: 1× USB 3.0 Port + 1× USB 2.0 Port

- Dimensions: 12.2 × 8.1 × 6.8 in (310.9 × 206.9 × 173.7 mm)

Power   Reset   Gigabit WAN/LAN Port

USB 3.0 Port   USB 2.0 Port   Power On/Off   2.5 Gbps WAN/LAN Port   3× Gigabit LAN Ports

Wireless

- Wireless: 4804 Mbps (5 GHz, 11ax) + 1201 Mbps (5 GHz, 11ax) + 574 Mbps (2.4 GHz, 11ax), compatible with 11a/b/g/n/ac Wi-Fi standards

- Frequency: 2.4 GHz and 5 GHz

- Transmit Power:

  FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)

- Reception Sensitivity:

  5 GHz:

  11a 6Mbps:-97dBm, 11a 54Mbps:-79dBm

  11ac VHT20_MCS0:-96dBm, 11ac VHT20_MCS11:-66dBm

  11ac VHT40_MCS0:-94dBm, 11ac VHT40_MCS11:-63dBm

  11ac VHT80_MCS0:-91dBm, 11ac VHT80_MCS11:-60dBm

  11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-63dBm

  11ax HE40_MCS0:-92dBm, 11ax HE40_MCS11:-60dBm

  11ax HE80_MCS0:-89dBm, 11ax HE80_MCS11:-58dBm

  2.4 GHz:

  11g 6Mbps:-97dBm

  11n HT20_MCS0:-97dBm, 11n HT20_MCS7:-78dBm

  11n HT40_MCS0:-95dBm, 11n HT40_MCS7:-75dBm

  11ac VHT20_MCS0:-96dBm, 11ac VHT20_MCS11:-67dBm

  11ac VHT40_MCS0:-94dBm, 11ac VHT40_MCS11:-64dBm

  11ax HE20_MCS0:-96dBm, 11ax HE20_MCS11:-64dBm

  11ax HE40_MCS0:-93dBm, 11ax HE40_MCS11:-61dBm

- Wireless Function: Enable/Disable Wireless Radio, WMM, Wireless Statistics

- Wireless Security: WPA/WPA2-Personal, WPA2/WPA3-Personal, WPA/WPA2-Enterprise

Specifications

Software

· **Quality of Service:** Device Prioritisation

· **WAN Type:** Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)

· **Management:** Access Control, Local Management, Remote Management

· **DHCP:** Server, DHCP Client List, Address Reservation

· **NAT Forwarding:** Port Forwarding, Port Triggering, UPnP, DMZ

· **Dynamic DNS:** DynDns, NO-IP, TP-Link

· **Access Control:** Parental Controls, Local Management Control, Host List, White List, Black List

· **Firewall Security:** SPI Firewall, IP and MAC Address Binding

· **Protocols:** IPv4, IPv6

· **USB Sharing:** Supports Samba(Storage)/FTP Server/Media Server

· **Guest Network:** 2.4 GHz Guest Network, 5 GHz Guest Network

· **VPN Server:** OpenVPN, PPTP VPN

Others

· **Certification:**

  FCC, CE, RoHS

· **System Requirements:**

  Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10, MAC OS, NetWare, UNIX or Linux

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

  Cable or DSL Modem

  Subscription with an internet service provider (for internet access)

· **Environment:**

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

  Operating Humidity: 10%~90% non-condensing

· **Package Contents**

  Wireless Router Archer AX90

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

For more information, please visit

http://www.tp-link.com/products/details/Archer-AX90.html

or scan the QR code left