tp-link

Wi-Fi 6

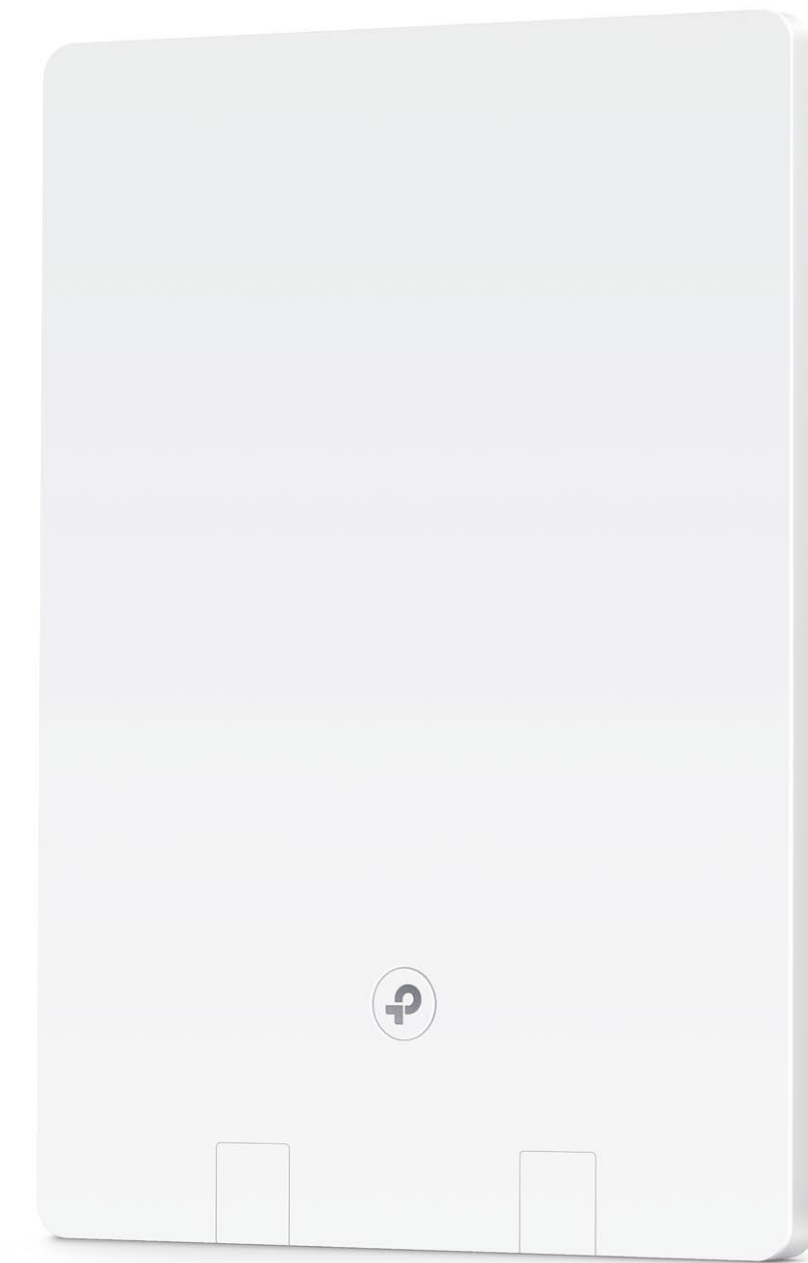# AX3000
Wi-Fi 6 Air Router

Ultra-Thin Design, Flexible Installation

Archer Air R5

Ultra-thin Design | EasyMesh-Compatible‡ | Smart Antennas | HomeShield
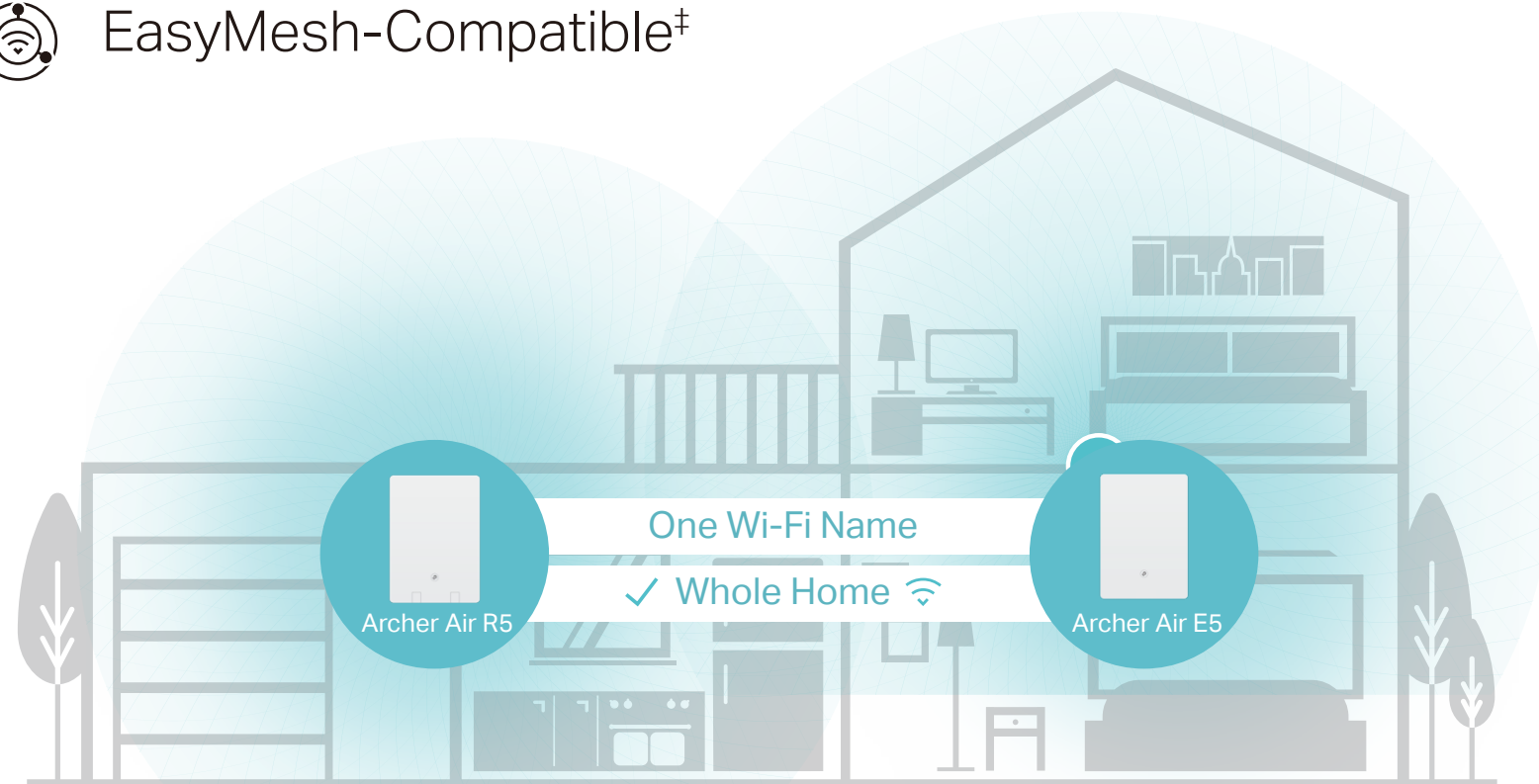
Highlights

One-Touch Mesh Networking via WPS Button

One Wi-Fi Name

Smart Roaming

Unified Management

EasyMesh-Compatible‡

One Wi-Fi Name
✓ Whole Home

Archer Air R5
Archer Air E5

Mesh networking creates smooth, fast, stable roaming. Archer Air R5 can build an EasyMesh network with extenders that use EasyMesh technology. It also works with other TP-Link OneMesh products to create a TP-Link OneMesh network. Eliminate Wi-Fi dead zones, expand your network, and fill your entire home with high-speed Wi-Fi.

Wi-Fi 6 — Faster. Broader. Unstoppable.

Reaches incredible speeds up to 3 Gbps (2402 Mbps on 5 GHz band and 574 Mbps on 2.4 GHz band) for faster streaming and gaming like you have never experienced before.†

Super Fast Wi-Fi
Enjoy full access to 8K streaming and high-speed downloading with HE160 on the 5 GHz band providing doubled bandwidth.

Connect Numerous Devices
Allow more applications to run at the same time. OFDMA transmits data to multiple devices simultaneously across 4 streams, drastically reducing latency.

Smart Power Saving
Conserve the power of your mobile devices by scheduling the connection time of battery-powered devices with Target Wake Time.

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

Highlights

TP-Link HomeShield

TP-Link's premium security services keep your home network safe with cutting-edge fetures 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 keep families healthy online.

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

Smart Antennas Boosts Wi-Fi Coverage

Built-in smart antennas use intelligent algorithms to auto-detect your devices and concentrate strong signals towards them to provide the optimal performance.
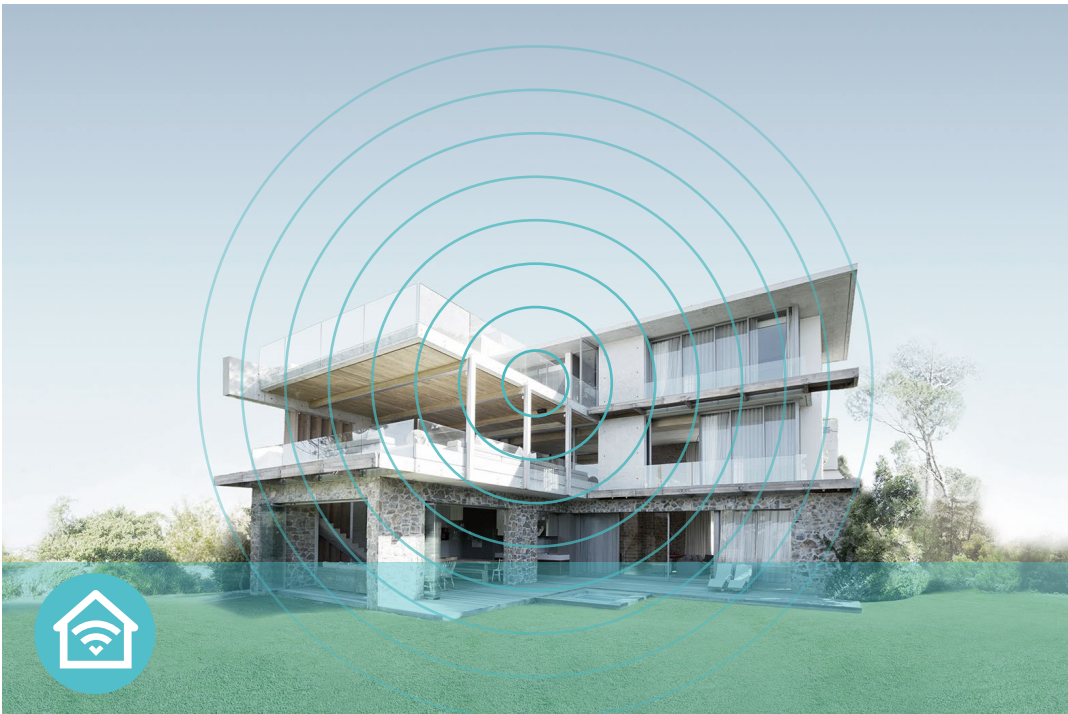
Features

Speed

· **Super-Fast Wi-Fi** – 3 Gbps Wi-Fi for faster browsing, streaming, and downloading—all at the same time·

· **Connect More, Stay Fast** – The new Wi-Fi 6 standard reduces congestion and quadruples your average throughput.
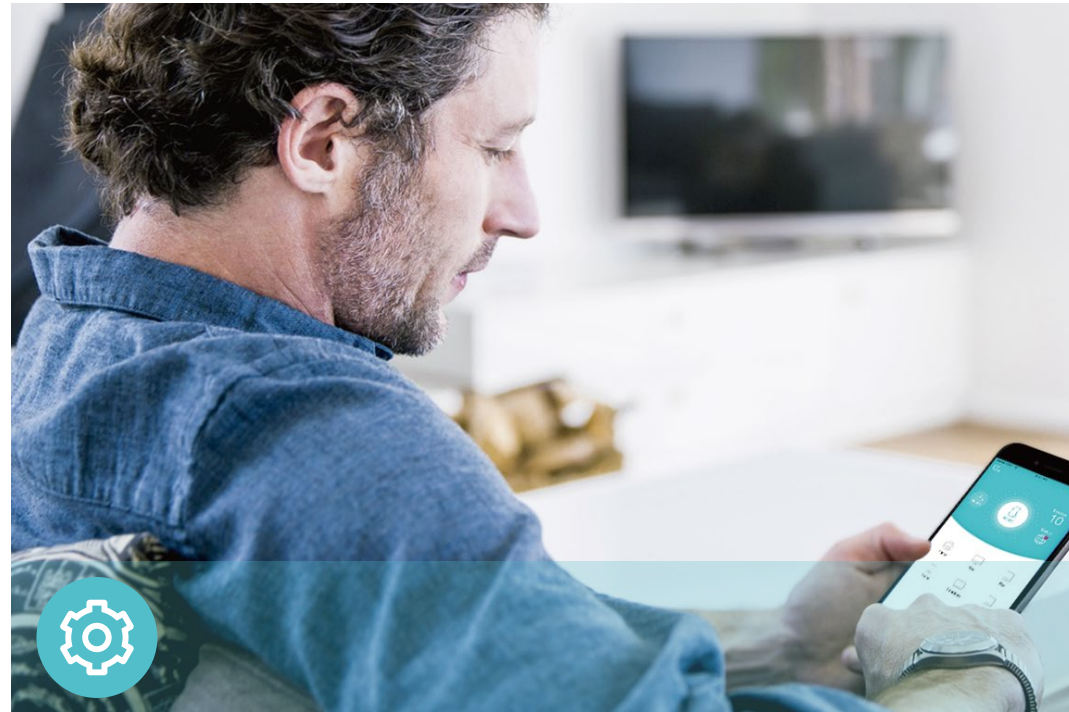
Wi-Fi Range

· **Ultimate Range Wi-Fi** – 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

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

· WPS (Wi-Fi Protected Setup) – Help you to quickly and securely connect your devices to the router's network with a tap

· Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether app, available on any Android and iOS device
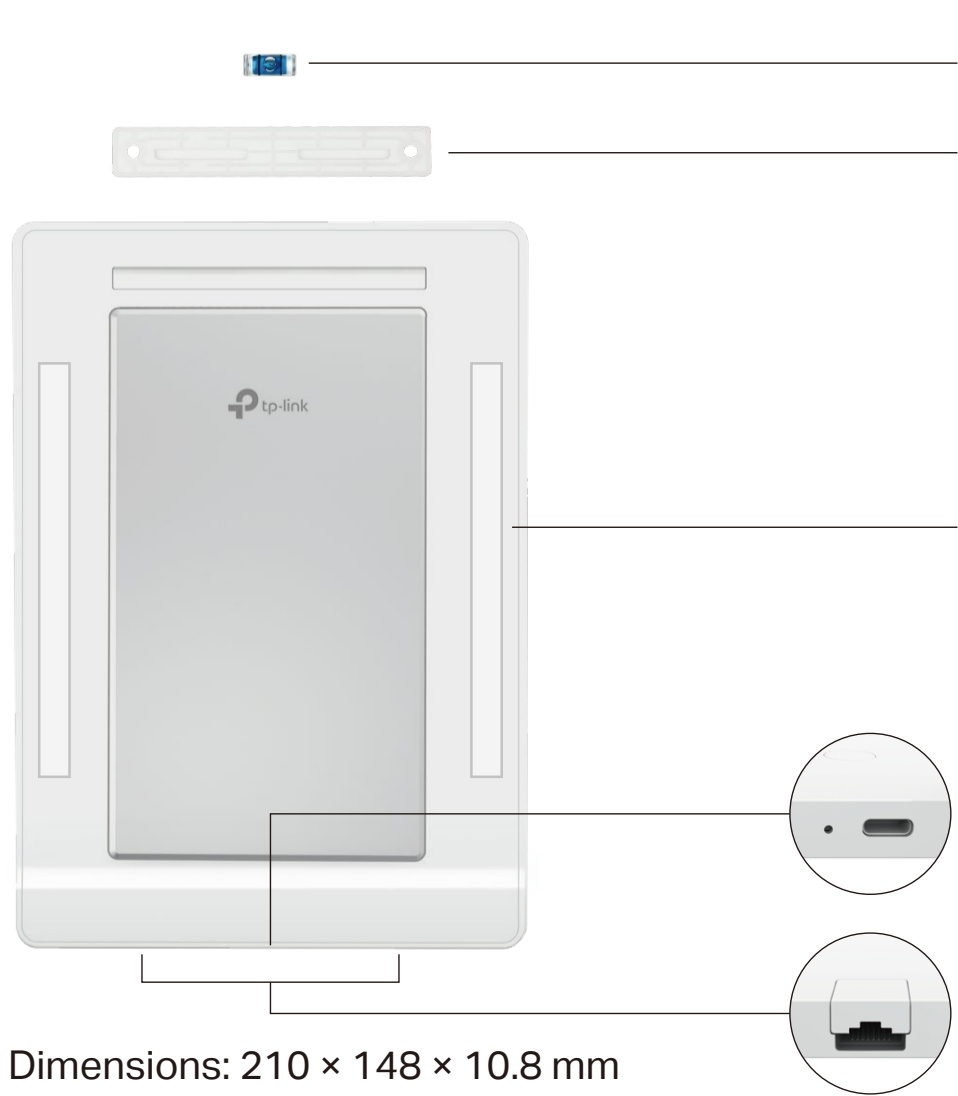
Security

· 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

Specifications

Hardware

- Ethernet Ports:

  1× Gigabit WAN Port + 1 × Gigabit LAN Port

- LED & Button: Status LED/ WPS button (on front panel)

- Input Power: 12V/2A

An Level
Ensuring horizontal installation

A Plastic Bracket
Hang the router on the wall

3M Adhesives On the Two Sides
Paste the router to the wall

Type-C Power Port

Two Gigabit Ethernet Ports

Dimensions: 210 × 148 × 10.8 mm

Wireless

- **Wireless:** 2402 Mbps (5 GHz) + 574 Mbps (2.4 GHz), compatible with 11a/b/g/n/ac Wi-Fi standards

- **Frequency:** 2.4 GHz and 5 GHz

- **Reception Sensitivity:**
  2.4GHz:
  11g 6Mbps:-96dBm, 11g 54Mbps:-78dBm
  11n HT20 MCS7:-76dBm, 11n HT40 MCS7:-72dBm
  11ax HE20 MCS0: -95dBm, 11ax HE20 MCS11: -65dBm
  11ax HE40 MCS0: -93dBm, 11ax HE40 MCS11: -62dBm
  5GHz:
  11a 6Mbps:-97dBm, 11a 54Mbps:-78dBm
  11ac HT20 MCS8:-74dBm, 11ac HT40 MCS9:-69dBm, 11ac HT80 MCS9:-65dBm
  11ax HE20 MCS0: -97dBm, 11ax HE20 MCS11: -66dBm
  11ax HE40 MCS0: -94dBm, 11ax HE40 MCS11: -63dBm
  11ax HE80 MCS0: -91dBm, 11ax HE80 MCS11: -60dBm
  11ax HE160 MCS0: -88dBm, 11ax HE160 MCS11: -58dBm

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

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

Specifications

Software

- **WAN Type:** Dynamic IP/Static IP/PPPoE/PPTP/L2TP

- **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

- **Network Access Management:** Access Control, Parental Controls, Local Management Control

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

- **Protocols:** IPv4, IPv6

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

- **VPN Server:** OpenVPN, PPTP VPN

Others

- Certification:

  CE, RoHS

- 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)

- Environment:

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

  Operating Humidity: 10%~90% non-condensing

- Package Contents

  Wireless Router Archer Air R5

  Quick Installation Guide

  Power Adapter

  Plastic Bracket

  Gigabit Network cable

  Installation Accessories

For more information, please visit

https://www.tp-link.com/home-networking/wifi-router/archer-air-r5/

or scan the QR code left

TP-Link   AX3000 Wi-Fi 6 Air Router   **Archer** Air R5