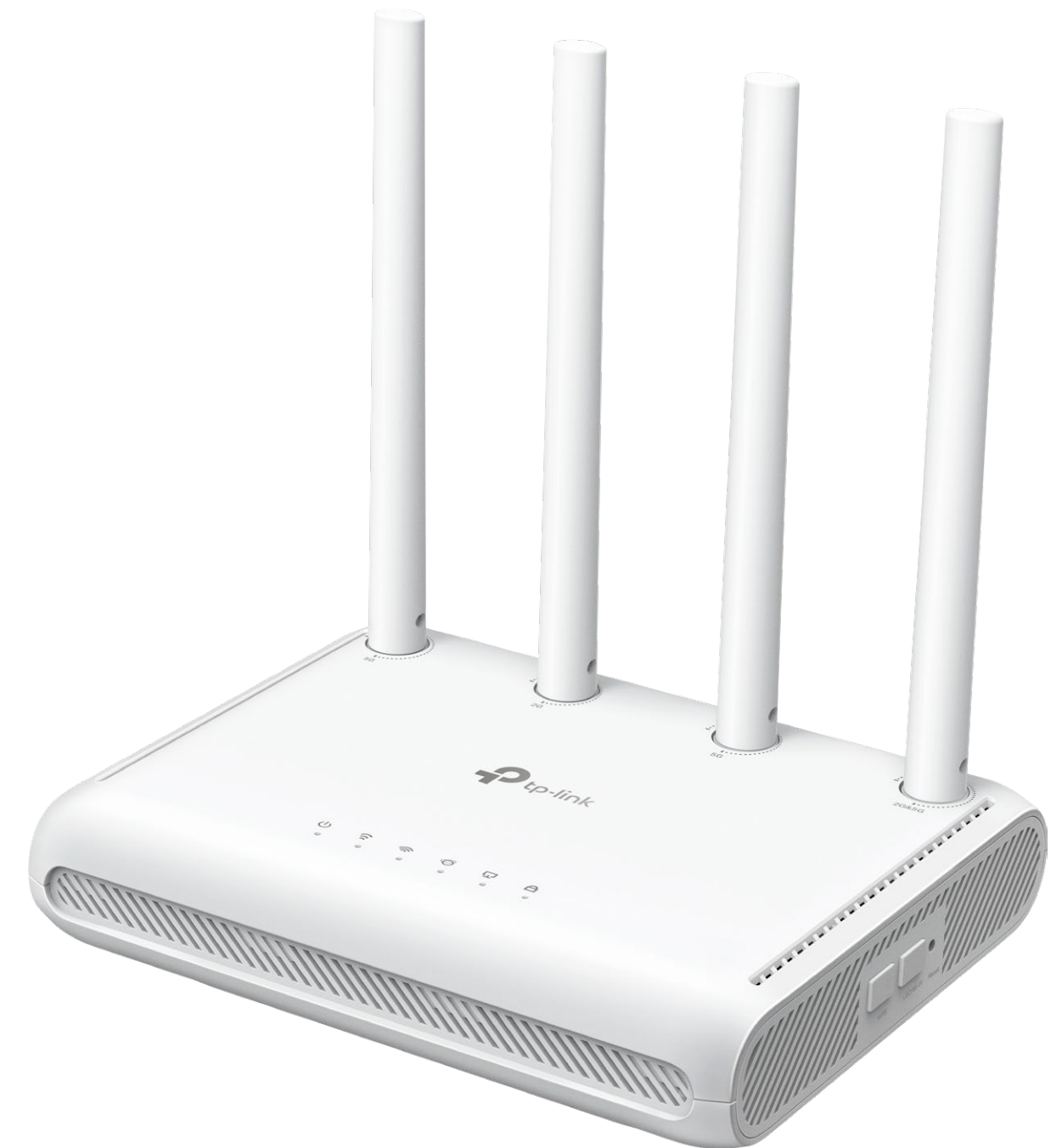




Wi-Fi 7

AX3000 Gigabit Wi-Fi 6 Router

Next-Gen Wi-Fi for More Devices



Archer AX3000



Next-Gen Gigabit Wi-Fi
Speed up to 3 Gbps[†]



Connect More Devices
OFDMA



Multi-gigabit wired connection
1x 1 Gbps WAN + 4x 1Gbps LAN



Maximized Coverage
Beamforming[†]

Highlights

802.11 AX Wi-Fi 6 Gig+ Supports More Devices

The Archer AX3000, with Wi-Fi 6 – 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.

3X[≡]

3× Faster Speed[^]

Powerful and consistent signals to perfectly pair with newer PCs and mobile devices equipped with 160 MHz Wi-Fi[§]



75% Lower Latency*

Take advantage of ultra-low latency to enjoy more responsive gaming and seamless video conferencing



Backwards Compatible

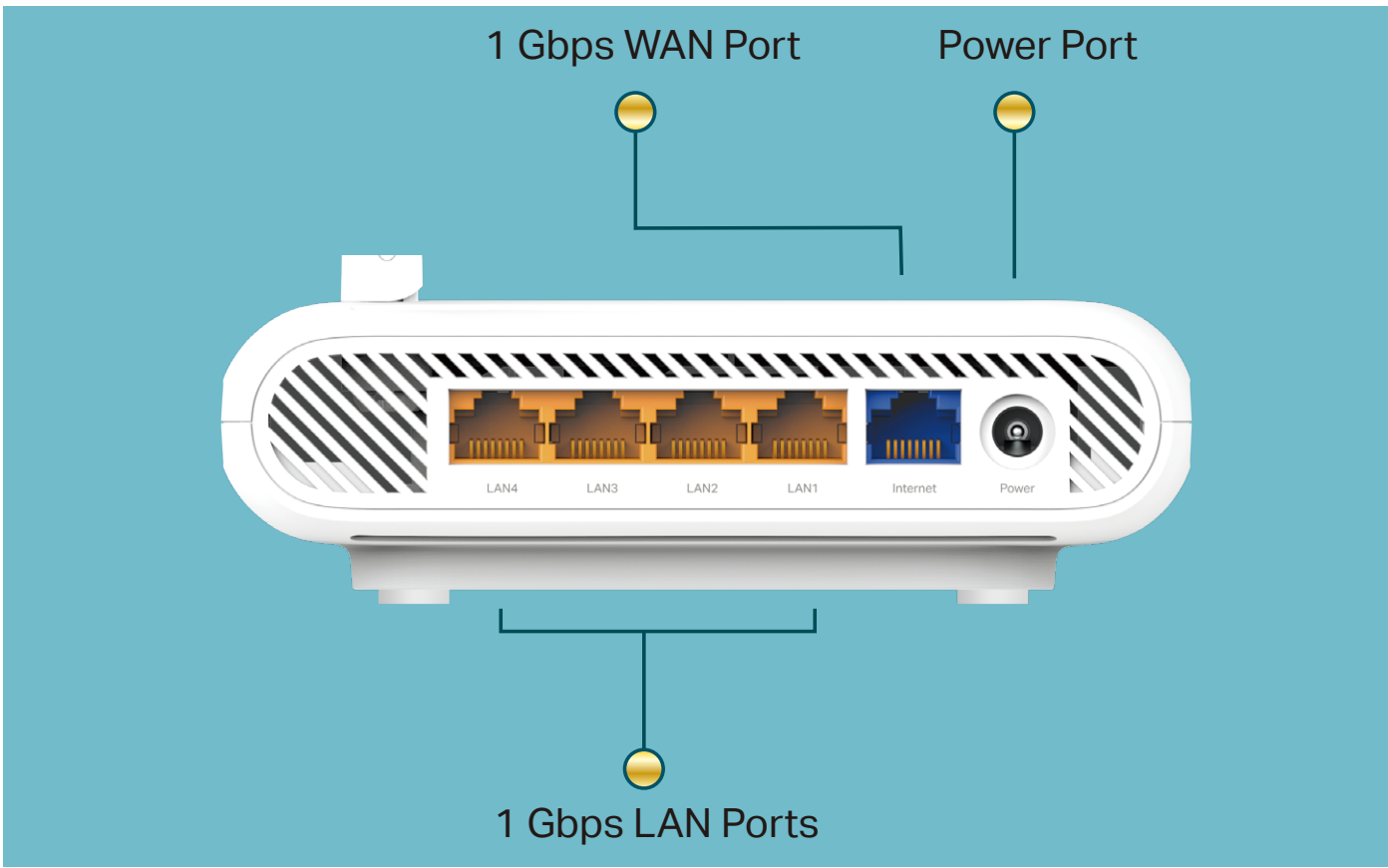
Archer AX3000 supports all current Wi-Fi devices and is backward compatible with 802.11a/b/g/n/ac Wi-Fi standards



Save Clients' Battery Power

Target Wake Time schedules the connection time of battery-powered devices to reduce their power consumption****

Archer AX3000 — Next-Gen Wi-Fi for More Devices



Multi-Gigabit Ports for Optimal Wired Performance

In addition to incredible wireless speeds of up to 3.0 Gbps , it also offers top-notch wired connectivity. With five 1 Gbps ports, you can take full advantage of carrier-provided gigabit speeds and build a fast, reliable network for all your devices.

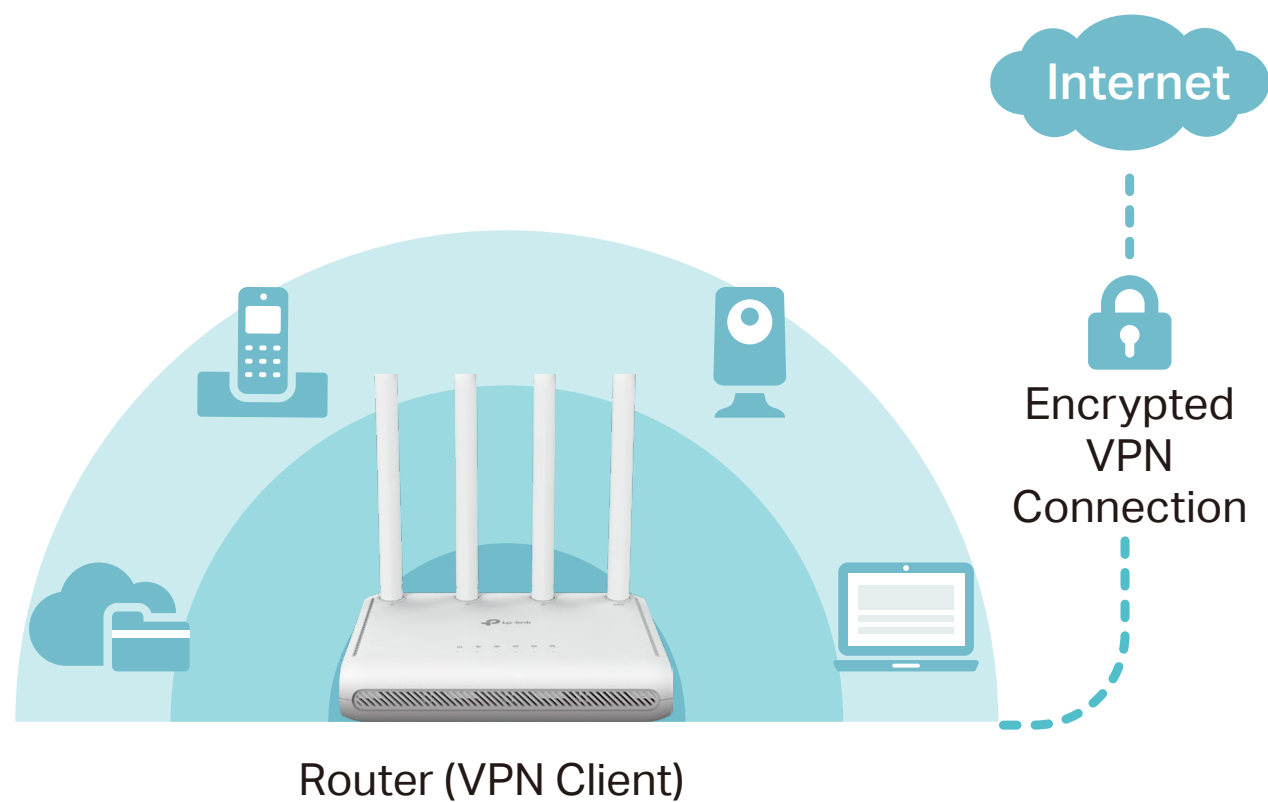
Improved stability and capacity

OFDMA technology increases capacity, allowing you to enjoy smooth Internet access even with multiple devices connected. ‡

Highlights

Built-in VPN Security

Archer AX3000 allows specified devices on your home network to access remote VPN servers without needing to install VPN software on every device.



Flexible Placement to Suit Your Home Layout

The Archer AX3000 features a flexible design that blends naturally into various living spaces, whether standing up, lying down, or mounted on a wall, and is space-saving.



Highlights

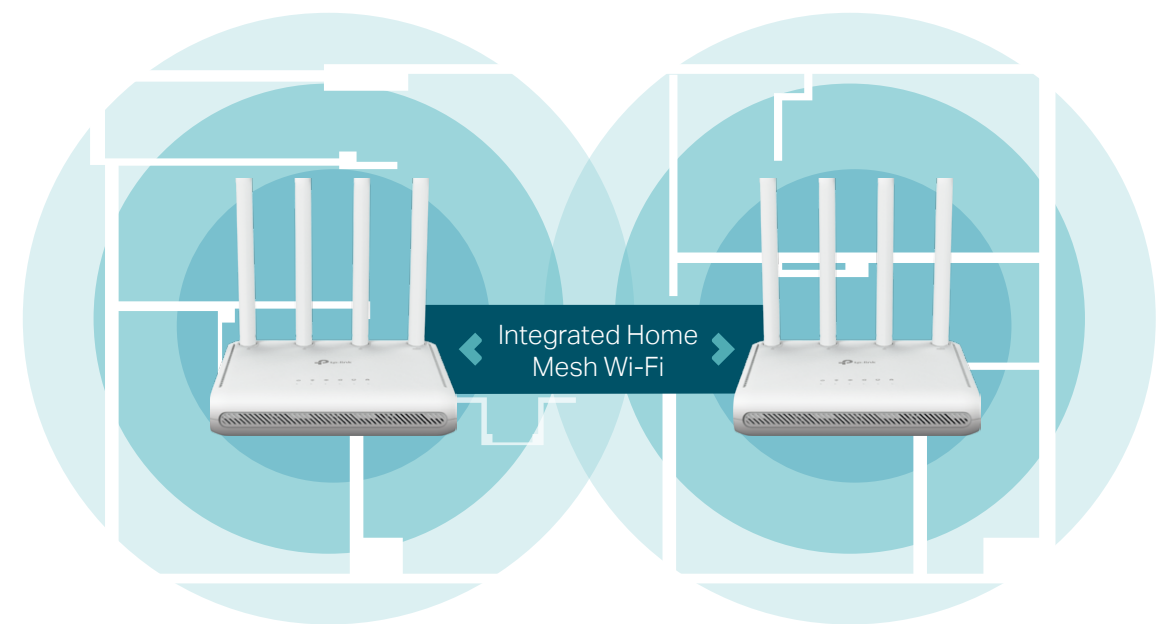
Strengthening Security with Private IoT Networks

Configure separate Wi-Fi for IoT devices and double-enforce security with HomeShield and WPA3 encryption to make your home network and IoT devices more secure.



Maximum Wi-Fi Coverage

Four high-performance antennas and Beamforming technology deliver broad Wi-Fi coverage. Need more coverage? The Archer AX3000 is compatible with EasyMesh to form seamless whole-home mesh Wi-Fi.***



Features



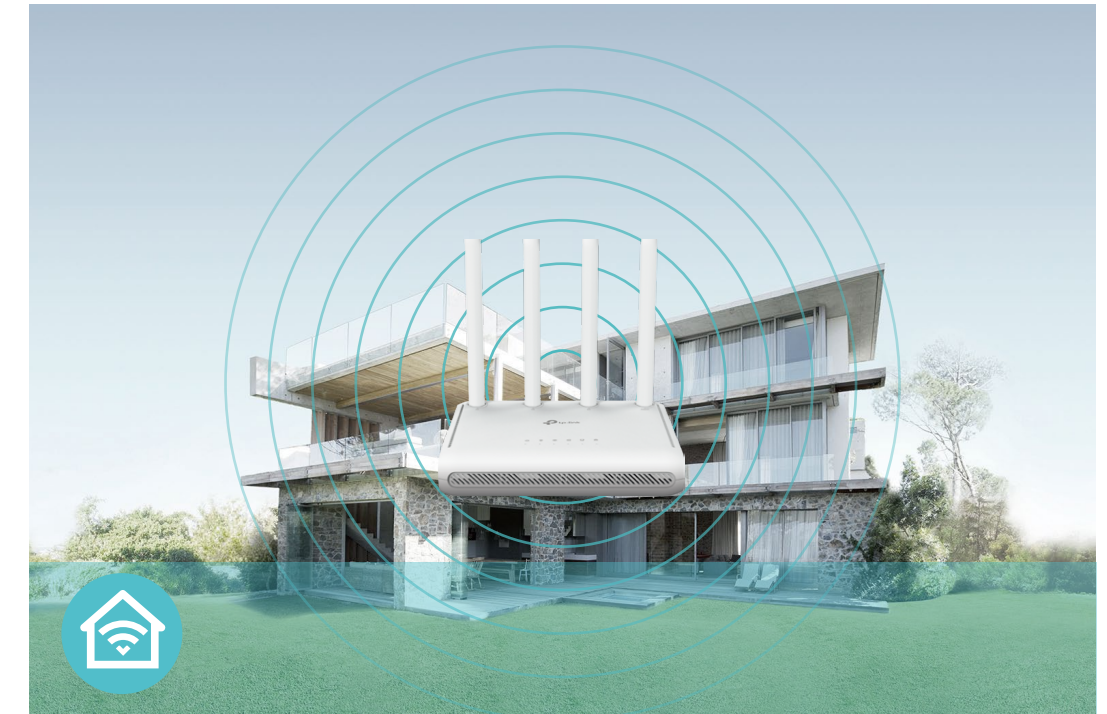
Ultra-Fast Speed

- **AX Tech** – 802.11ax (also known as Wi-Fi 6) features advanced technologies including OFDMA, and 1024QAM, drastically increasing the speed and efficiency of the entire network
- **Ultimate Wireless Speed** – 574 Mbps on 2.4 GHz (802.11ax) + 2402 Mbps on 5 GHz (802.11ax)[†]
- **Dual-Core CPU** – Helps accelerate wired and wireless transmission simultaneously to keep your connections fast and uninterrupted.
- **Link Aggregation** – Doubles the connection speeds to an external storage devices for faster streaming and data backup



Reliable Connections

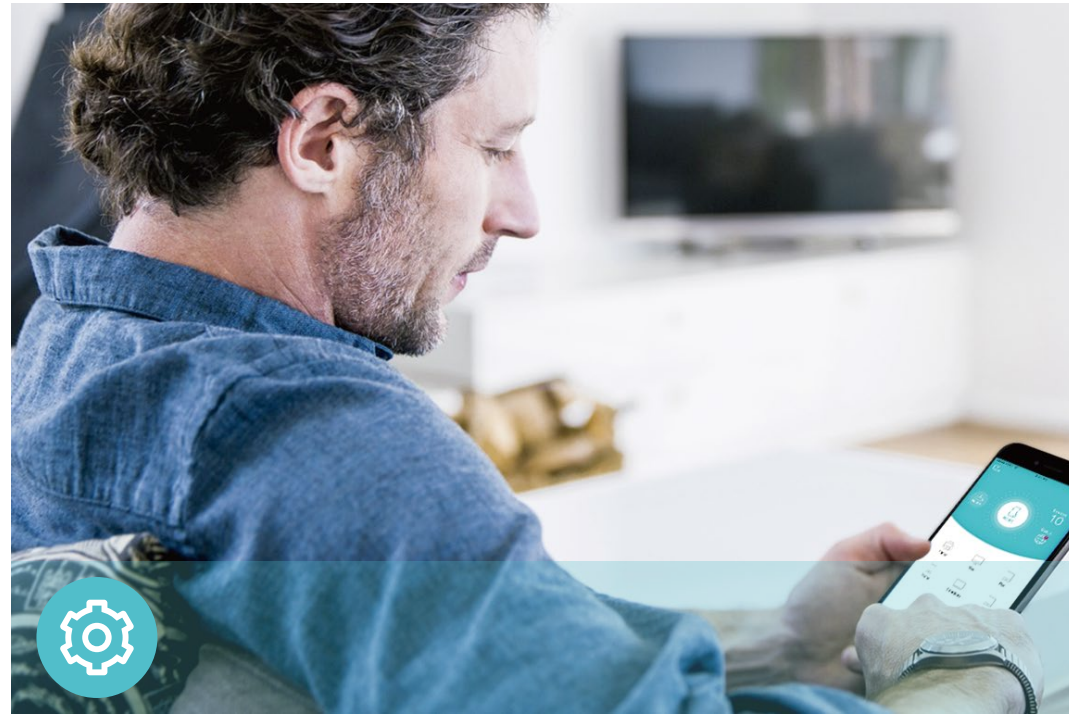
- **Secure VPN Access** – Connects to a private network with a safe and secure OpenVPN and PPTP VPN connection
- **Airtime Fairness** – Balances bandwidth of connected devices to improve overall throughput and efficiency
- **Smart Connect** – Intelligently switches each device's connection to the optimum available Wi-Fi band
- **Easy Bandwidth Management** – Advanced QoS makes it easier for you to manage the bandwidth of connected devices



Broad Wi-Fi Range

- **Ultimate Range Wi-Fi** – Proprietary WiFi optimization and 4x high-performance external antennas boost Wi-Fi signals throughout your home.
- **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections.
- **Seamless EasyMesh network** – Transfer between seamless whole-home Wi-Fi without any drops or lag and manage your whole network using a centralized panel.

Features



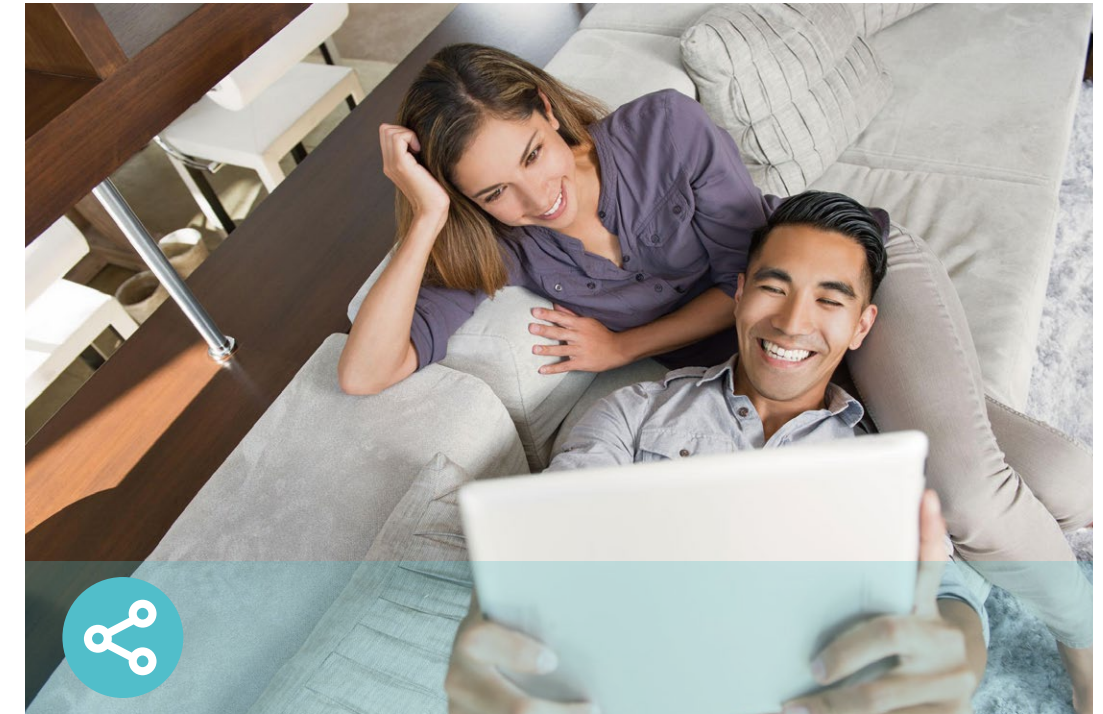
Ease of Use

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



Robust Security

- Guest Network – Keeps your main network secure by creating a separate network for friends and visitors
- Access Control – Establishes a whitelist or deny list to allow or restrict certain devices to access the internet
- Parental Controls – Restricts internet access time and contents for children devices
- Encryptions for Secure Network – Multiple encryptions provide active protection against security threats



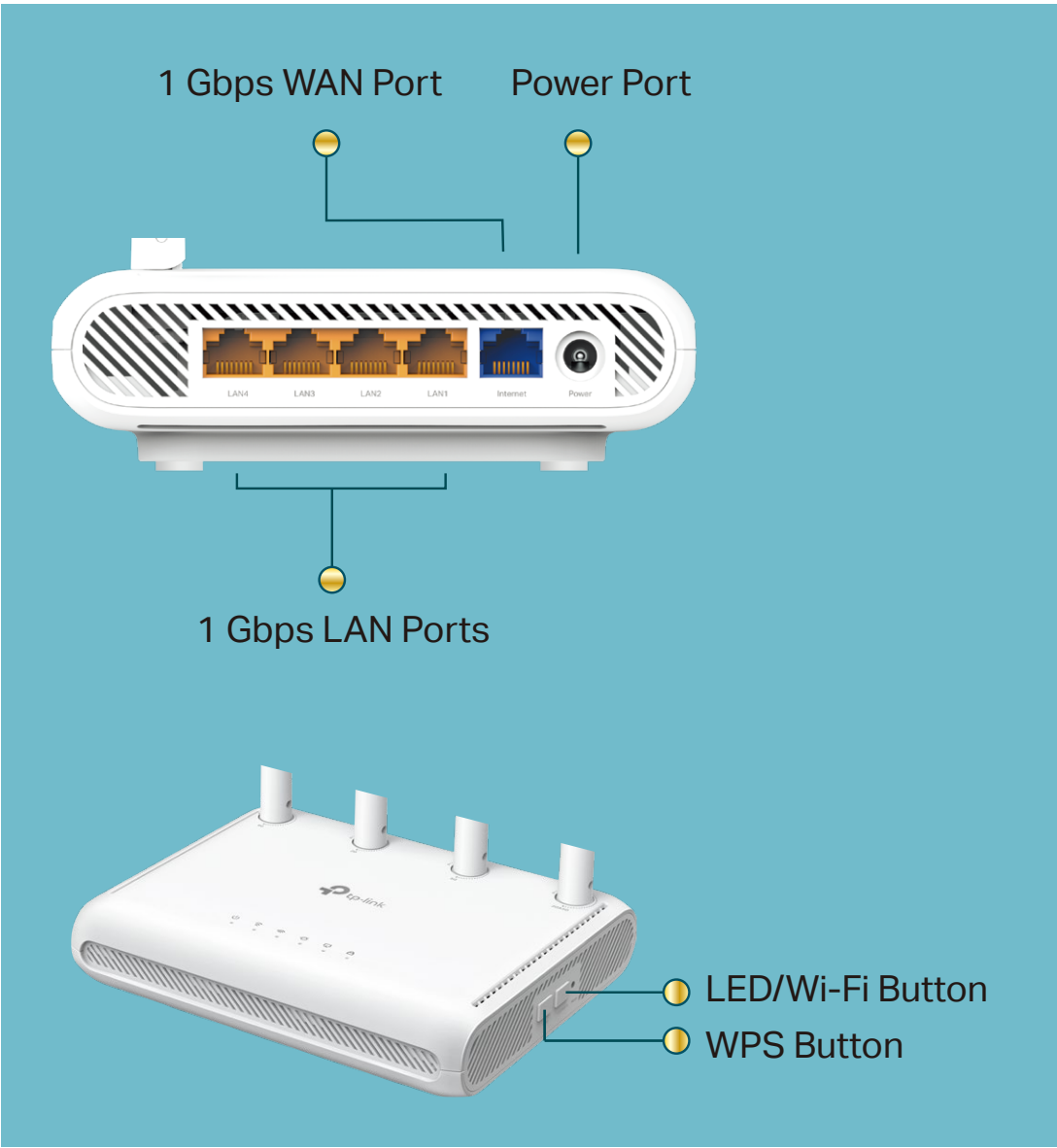
Value-Added Features

- VPN Clients and Server Supported – With VPN client support, Archer AX3000 allows specified devices in your home network to access remote VPN servers without needing to install VPN software on every device
- More Values – Advanced functions like IPTV, IPv6 compatibility, and Access Point mode bring more values

Specifications

Hardware

- Ethernet Ports: 1× 1 Gbps WAN Port + 4× 1 Gbps LAN Ports
- Buttons: Reset Button, WPS Button, Wi-Fi/LED Button
- Antennas: Four Fixed External Antennas
- External Power Supply: 12V/1.5A
- Dimensions: 6.65 × 5.41 × 1.63 in (169 × 137.4 × 41.4 mm)



Wireless

- Wireless: 574 Mbps on 2.4 GHz (802.11ax) + 2402 Mbps on 5 GHz (802.11ax)[†], compatible with 802.11a/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
11ac VHT160_MCS0:-88dBm, 11ac VHT160_MCS11:-55dBm
11ax HE20_MCS0:-95dBm, 11ax HE20_MCS11:-63dBm
11ax HE40_MCS0:-92dBm, 11ax HE40_MCS11:-60dBm
11ax HE80_MCS0:-89dBm, 11ax HE80_MCS11:-58dBm
11ax HE160_MCS0:-85dBm, 11ax HE160_MCS11:-55dBm
2.4 GHz:
11g 6Mbps:-97dBm, 11a 54Mbps:-79dBm
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

Specifications

Security

- WiFi Encryption: WPA/WPA2-Enterprise, WPA2-Enterprise, WPA2-PSK[AES] + WPA-PSK[TKIP], WPA2-PSK[AES], WPA3-Personal + WPA2-PSK[AES], WPA3-Personal
- Network Security: SPI Firewall, IP and MAC Address Binding
- Guest Network: 5GHz Guest Network, 2.4 GHz Guest Network
- VPN Server: OpenVPN, PPTP, Wireguard VPN Server
- VPN Client: OpenVPN, PPTP, Wireguard VPN Client

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
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- Dynamic DNS: DynDns, NO-IP, TP-Link
- Access Control: Parental Controls, Local Management Control, Host List, White List, Deny List
- Protocols: IPv4, IPv6

Other

- 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)
- Certification: KC
- Environment:

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

Operating Humidity: 10%~90% non-condensing
- Package Contents:

Wireless Router Archer AX3000

Power Adapter

RJ45 Ethernet Cable

Quick Installation Guide

[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage and number of 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 and 1024-QAM require clients to also support the corresponding features.

[§]HT160 requires client device that supports 160 MHz bandwidth on Wi-Fi.

[°]802.11ax 2x2 160 MHz enables 2402 Mbps maximum theoretical data rates, 3X faster than standard 802.11ac 2x2 80 MHz (867 Mbps) and nearly 6x faster than baseline 1x1ac (433 Mbps) Wi-Fi as documented in IEEE 802.11 wireless standard specifications, and require the use of similarly configured 802.11ax wireless network routers.

^{**}Up to 75% lower latency[†] is based on Intel simulation data of 802.11ax with and without OFDMA using 9 clients. Average latency without OFDM is 36ms, with OFDMA average latency is reduced to 7.6ms. Latency improvement requires that the AP and all clients support OFDMA.

^{**} This amendment defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 Medium Access Control layer (MAC) that enable at least one mode of operation capable of supporting at least four times improvement in the average throughput per station (measured at the MAC data service access point) in a dense deployment scenario, while maintaining or improving the power efficiency per station.

^{***} Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

^{****}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.

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