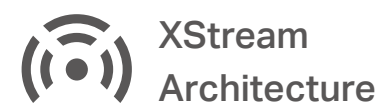# tp-link

AC 5400 Wireless Tri-Band MU-MIMO Gigabit Router

The Fastest Wi-Fi for All Your Devices

Archer C5400
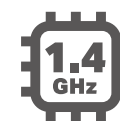
XStream Architecture

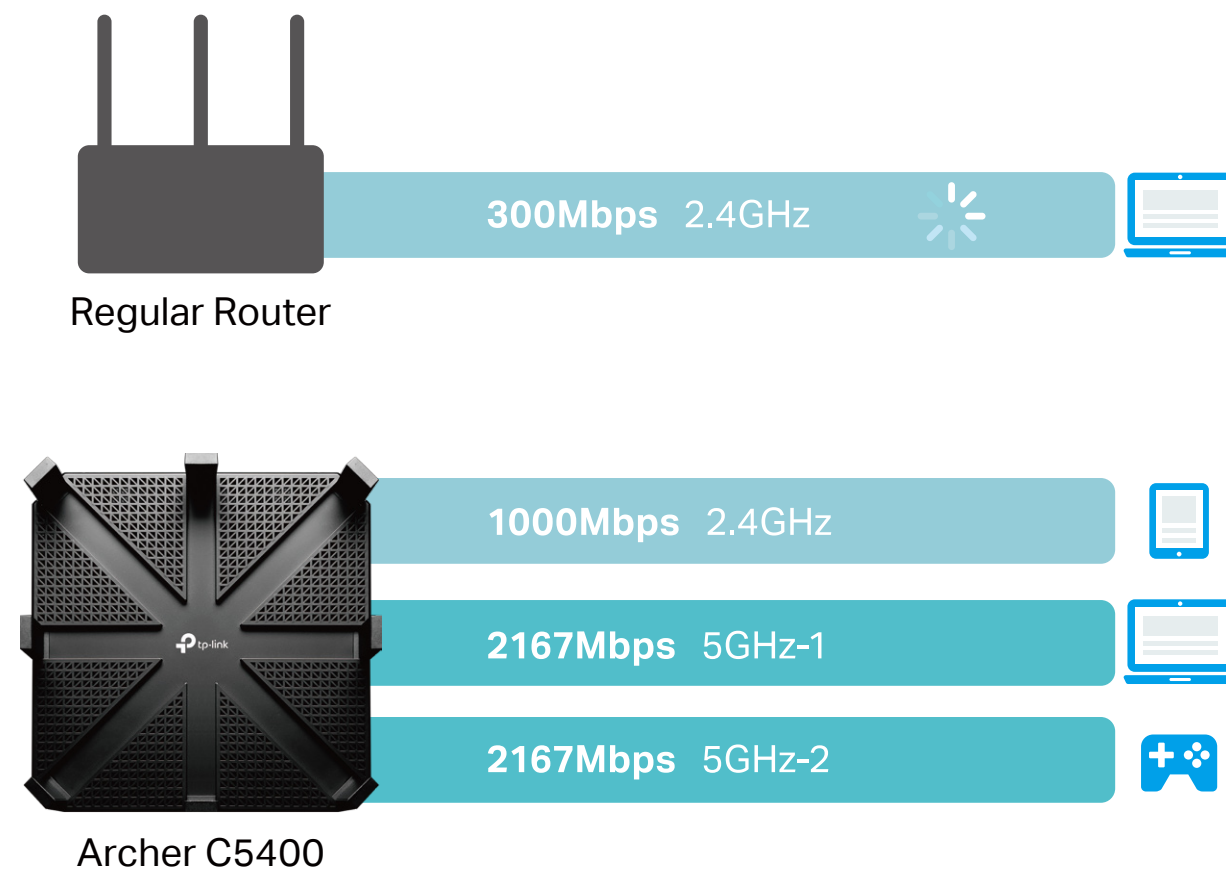MU-MIMO Technology

Smart Connect

NitroQAM™ (1024QAM)

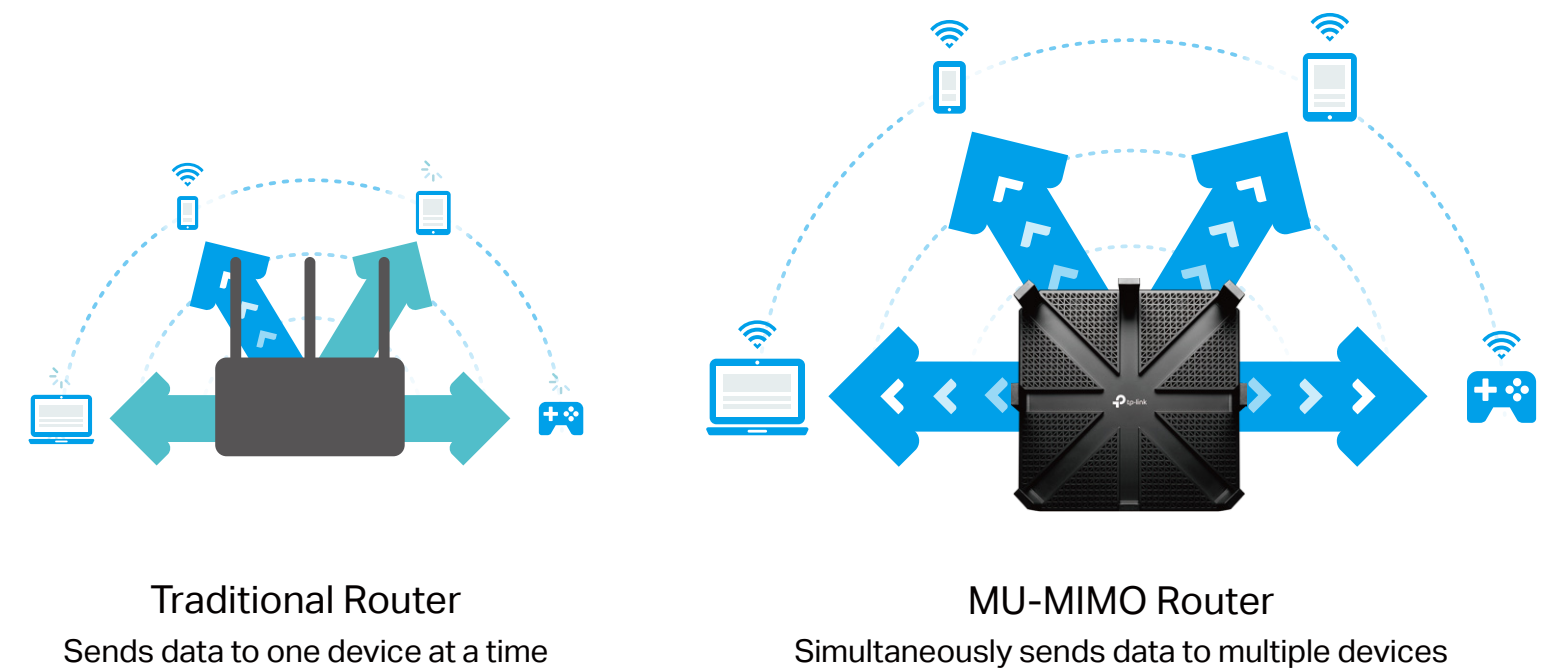1.4GHz Dual-Core CPU

Highlights

XStream Architecture for Powerful Processing

With XStream architecture, the Archer C5400 adds a dedicated processor for each band to manage Wi-Fi traffic, freeing up the router's 1.4GHz dual-core CPU to tackle more demanding tasks.

MU-MIMO for 4× Faster Connections

MU-MIMO technology serves up to four devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.
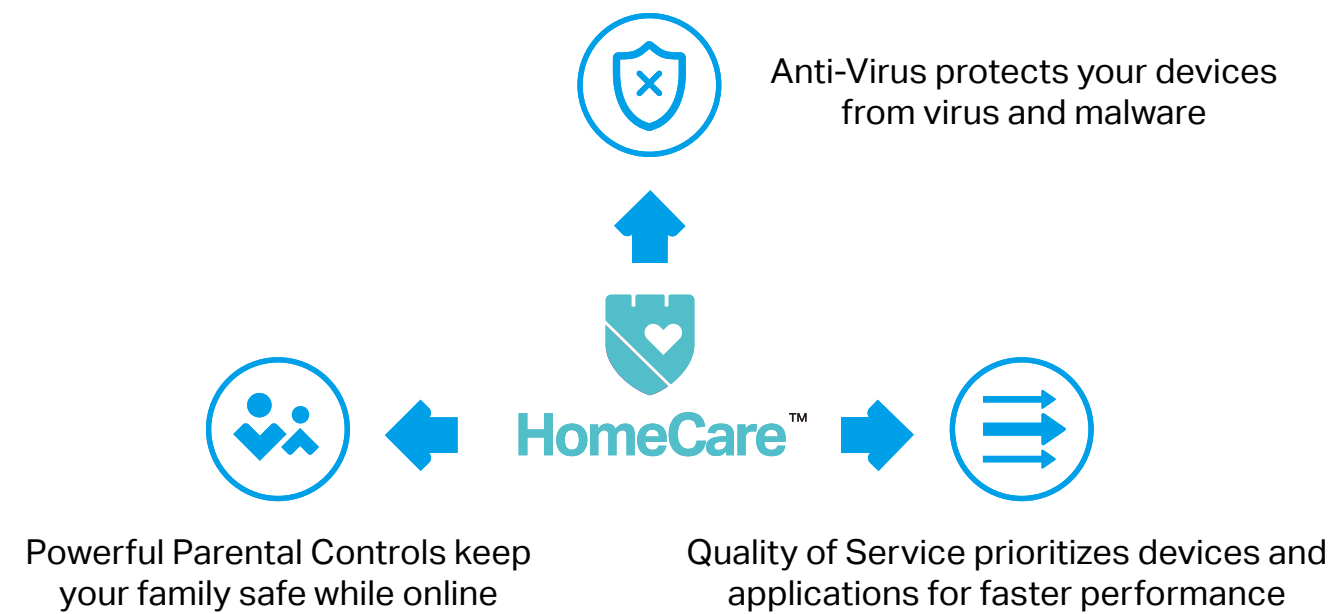
Regular Router

300Mbps 2.4GHz

Archer C5400

1000Mbps 2.4GHz

2167Mbps 5GHz-1

2167Mbps 5GHz-2

Traditional Router
Sends data to one device at a time

MU-MIMO Router
Simultaneously sends data to multiple devices

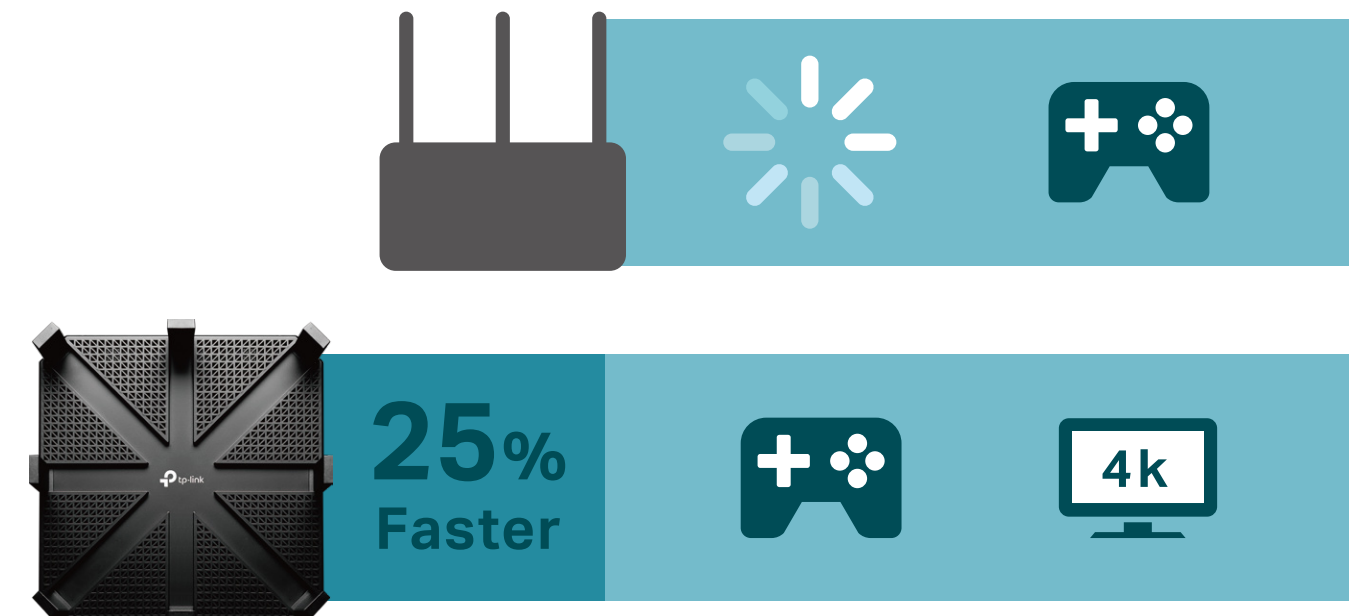# Highlights

HomeCare™ for the Most Comprehensive Home Wi-Fi

rotect against the latest threats with powerful security, built-in antivirus and robust parental controls that update automatically. Enjoy faster performance with customizable quality of service.

With security powered by Trend Micro, every device connected is protected from more than 100,000 new security threats each day.

NitroQAM™ Powered by Broadcom

Break the Wi-Fi speed limit of previous generation routers with NitroQAM™ (1024QAM) , boosting speeds on all Wi-Fi bands by 25% to significantly improve performance.
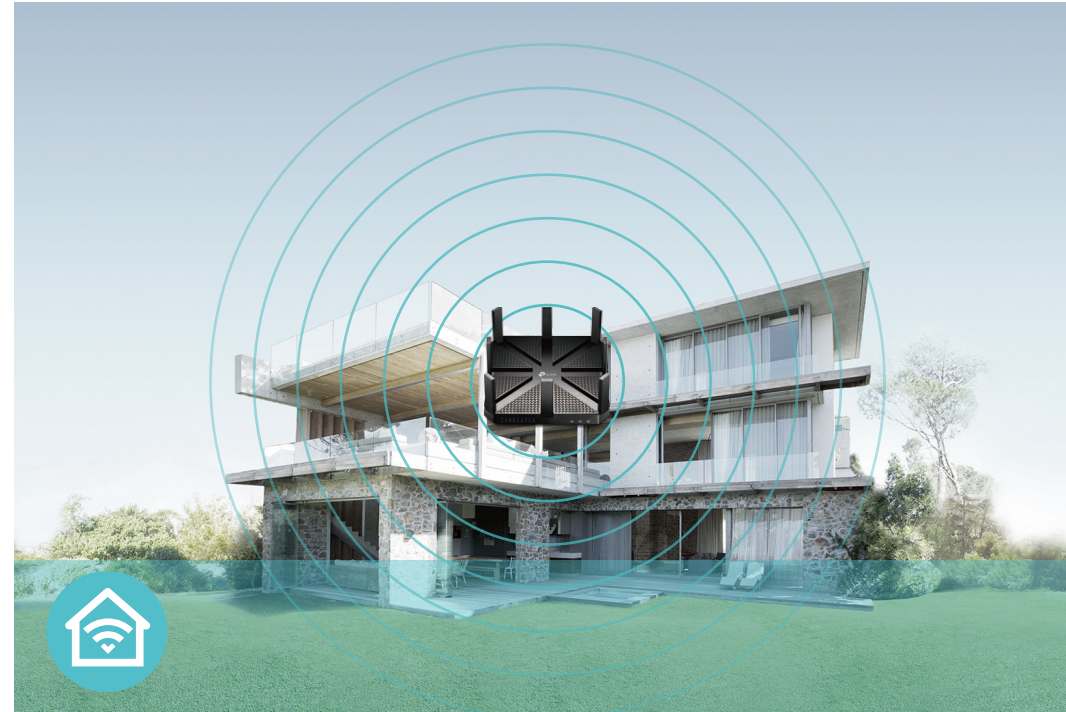
Anti-Virus protects your devices from virus and malware

HomeCare™

Powerful Parental Controls keep your family safe while online

Quality of Service prioritizes devices and applications for faster performance

25%
Faster

4k

Features

Speed

· **Ultimate Wireless Speed** – Combined wireless speeds up to 1000 (over 2.4GHz) and 4334 (over 5GHz) Mbps

· **NitroQAM Technology** – Use NitroQAM(1024- QAM) modulation scheme for higher data throughput, boosting wireless speeds up to 25%

· **MU-MIMO Technology** – Simultaneously exchanges data with several devices, achieving speeds which are 4x faster than standard AC routers

· **Support 802.11 ac** – Provides a data transfer rate 3 times faster than 802.11n for each stream

· **Dual-core CPU** – 1.4GHz dual-core CPU and 3 co-processors make multi-tasking easy and boost data transfer rate

Wi-Fi Range

· **Ultimate Range Wi-Fi** – 8 dual band high-performance antennas with a high-powered amplifier ensure the widespread Wi-Fi coverage and a stable connection

· **Wi-Fi with Beamforming** – Beamforming technology locates the connected devices and further improves the Archer C5400's range and the signal strength to each mobile device, delivering a more reliable and efficient wireless connection

Reliability

· **Simultaneous Triple Band** – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

· **Easy Bandwidth Management** – Advanced QoS makes it easier for you to manage the bandwidth of connected devices

· **Smart Connect Technology** – Dynamic Smart Connect technology automatically selects the optimum band for each device.

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

· Easy On/Off – Turn on/off wireless radio and LEDs separately using the Wi-Fi On/Off and LED On/Off buttons

· 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

· Guest Network – Keep your main network secure by creating a separate network for friends and visitors

· Access Control – Establish a whitelist or blacklist to allow or restrict certain devices to access the Internet

· Homecare – Provides a kit of dynamic - Parental Controls, QoS and Antivirus - to ensure safety, speed and security for everyone in your network

· VPN Server – PPTP VPN and OpenVPN are supported, making it easy to set up a secure connection between your private network and the Internet

· Encryptions for Secure Network – WPA-PSK and WPA2-PSK encryptions provide active protection against security threats
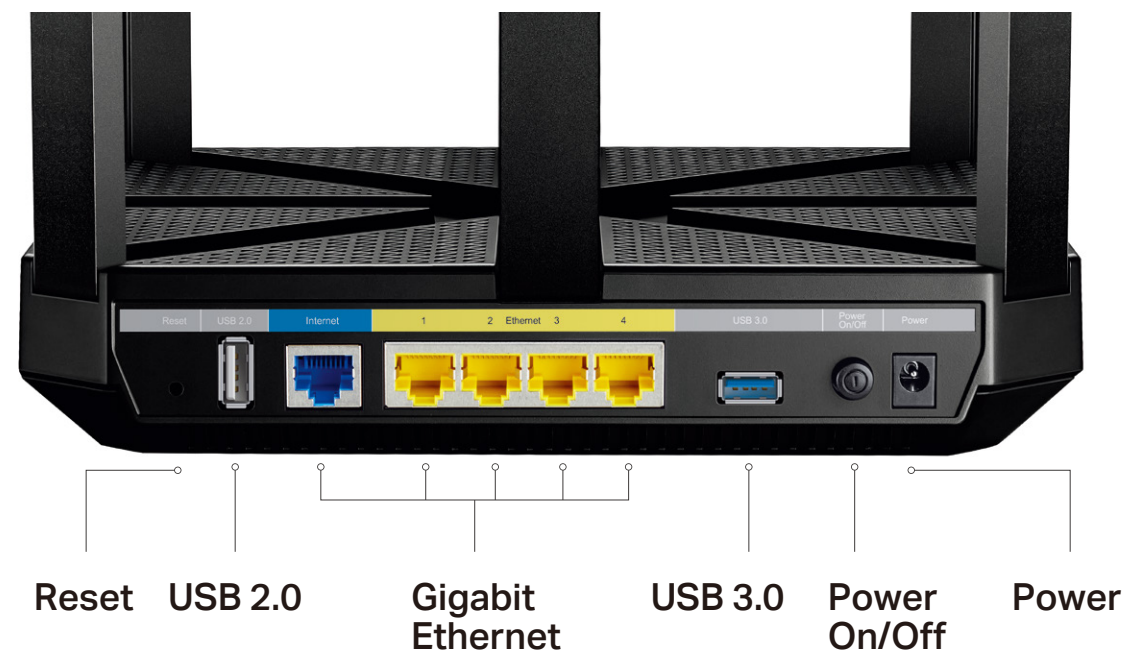
Easy Sharing

· Dual USB Ports for Fast Sharing – With one ultra-fast USB 3.0 port and one USB 2.0 port, you can access and share a printer as well as your files and media locally. Through the router's FTP server, you can also access your files and media from network devices remotely

· 10x Faster Transfer Speed – The USB 3.0 port provides up to 10x faster USB hard drive access than previous generation USB 2.0 connections

· Built-in Print Server – Allows wireless printing from multiple computers (works in conjunction with a USB printer)

· Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network

Specifications

Hardware

- **Ethernet Ports:** 4 10/100/1000Mbps LAN Ports, 1 10/100/1000Mbps WAN Port

- **USB Ports:** 1 USB 3.0 Port, 1 USB 2.0 Port

- **Buttons:** Wireless On/Off Button, LED On/Off Button, Power On/Off Button, WPS Button, Reset Button

- **Antennas:** 4 Dual Band Antennas, 4 5GHz antennas

- **External Power Supply:** 12V/5A

- **Dimensions (W x D x H):** 9.1×9.1×1.7 in. (230×230×43mm)

Reset   USB 2.0   Gigabit Ethernet   USB 3.0   Power On/Off   Power

Wireless

- **Wireless Standards:** IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz

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

- **Signal Rate:** 2167Mbps at 5GHz-1, 2167Mbps at 5GHz-2, 1000Mbps at 2.4GHz

- **Transmit Power:**

  CE: <20dBm(2.4GHz), <23dBm(5.15GHz~5.35GHz); <30dBm(5.47GHz~5.725GHz)

  FCC: <30dBm(2.4GHz & 5.15GHz~5.25GHz & 5.725GHz~5.825GHz)

- **Reception Sensitivity:**

  5GHz:

  11a 6Mbps: -92dBm, 11a 54Mbps: -75dBm

  11ac HT20 (MCS8): -68dBm, 11ac HT20 (MCS11): -61dBm

  11ac HT40 (MCS9): -63dBm, 11ac HT40 (MCS11): -58dBm

  11ac HT80 (MCS9): -60dBm, 11ac HT80 (MCS11): -55dBm

  2.4GHz:

  11g 54M: -77dBm

  11n HT20 (MCS8): -70dBm, 11ac HT20 (MCS11): -63dBm

  11ac HT40 (MCS9): -66dBm, 11ac HT40 (MCS11): -61dBm

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

- **Wireless Security:** 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions

Specifications

Software

- Quality of Service: WMM, Bandwidth Control

- WAN Type: Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)/Bigpond

- Management: Access Control, Local Management, Remote Management

- DHCP: Server, Client, DHCP Client List, Address Reservation

- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

- Dynamic DNS: DynDns, NO-IP

- VPN Server: PPTP, Open VPN

- Access Control: Parental Control, Local Management Control, Host list, Access Schedule, Rule Management

- Homecare: Parental Controls, QoS and Antivirus

- Firewall Security: DoS, SPI Firewall, IP Address Filter/Domain Filter, IP and MAC Address Binding

- Protocols: Supports IPv4 and IPv6

- USB Sharing: Supports Samba(Storage)/FTP Server/Media Server/Printer Server

- Guest Network: 2.4GHz guest network x 1, 5GHz guest network x 2

Others

- Certification:

  CE, FCC, 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℃~40℃ (32℉~104℉)

  Storage Temperature: -40℃~70℃ (-40℉~158℉)

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing

- Package Contents

  AC5400 Wireless Tri-Band MU-MIMO Gigabit Router Archer C5400

  Power Supply Unit

  Ethernet Cable

  Quick Installation Guide

For more information, please visit

http://www.tp-link.com/en/products/details/Archer-C5400.html

or scan the QR code left