tp-link

802.11ac
**WAVE 2**
The new generation of
industry-leading
11ac Wi-Fi

# AC2300
# MU-MIMO
# Wi-Fi Router

Best for Simultaneous
4K Streaming and Gaming

Archer C2300

1733 + 600 Mbps
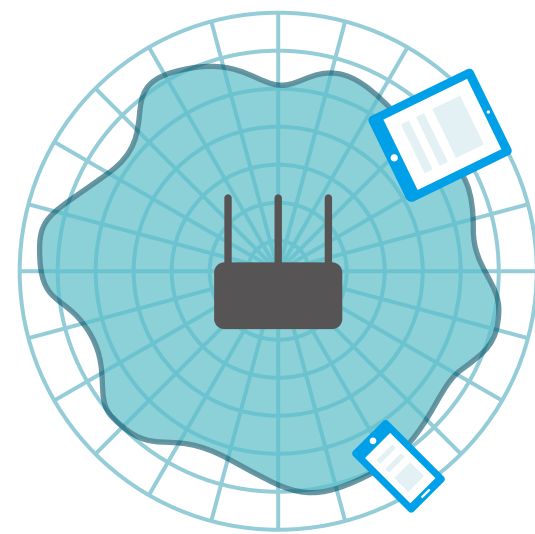Dual Band Wi-Fi†

Superior Wi-Fi
Coverage

MU-MIMO‡

USB 3.0
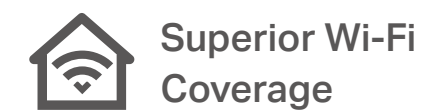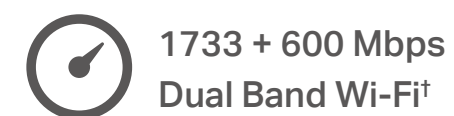
# Highlights

## 4 Antennas & Beamforming for Maximum Coverage

Equipped with three external antennas and one internal antenna, Archer C2300 creates stronger and more reliable networks for all to enjoy in your home. Beamforming technology concentrates the Wi-Fi signal towards your connected devices, providing better Wi-Fi range and network performance.
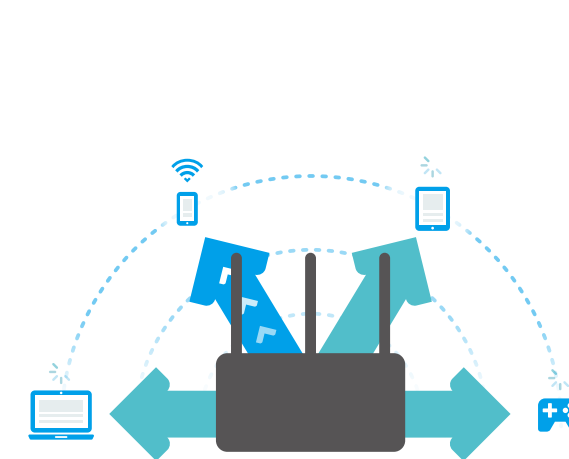
## MU-MIMO for 4× Faster Connections[‡]

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

Regular Router

Archer C2300

**Traditional Router**
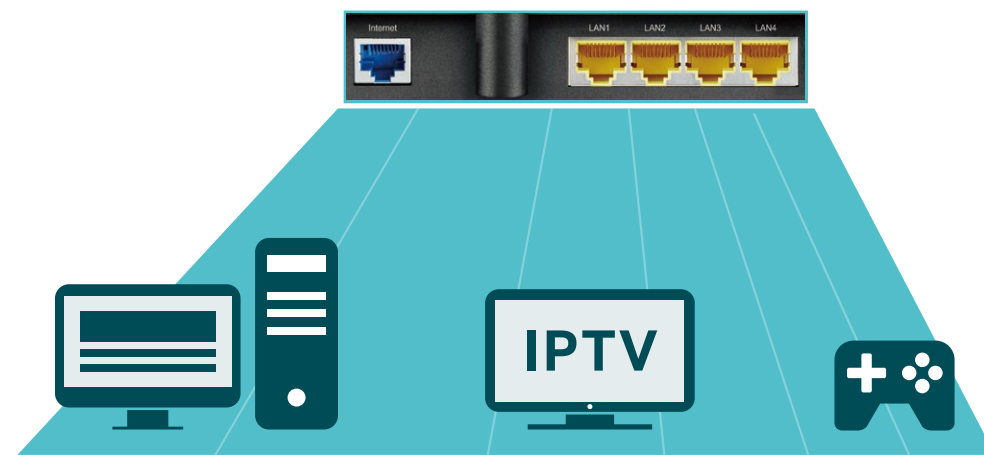Sends data to one device at a time

**MU-MIMO Router**
Simultaneously sends data to multiple devices

# Highlights

## Full Gigabit Ports

A Gigabit WAN port enables bottleneck-free access bandwidth. 4 Gigabit LAN ports help wired devices achieve peak performance for HD streaming and gaming.



## Smart Connect

Smart Connect technology surveys the Wi-Fi environment to intelligently assign devices to the best available band, balancing the network load to give each device optimized connection and throughput.
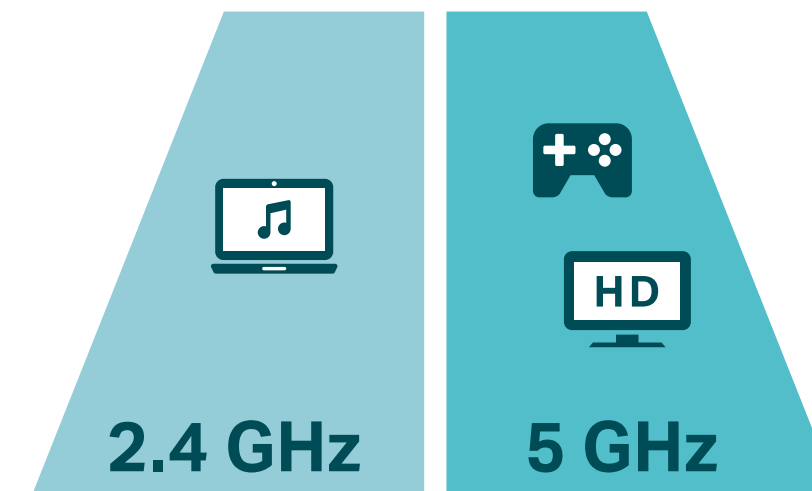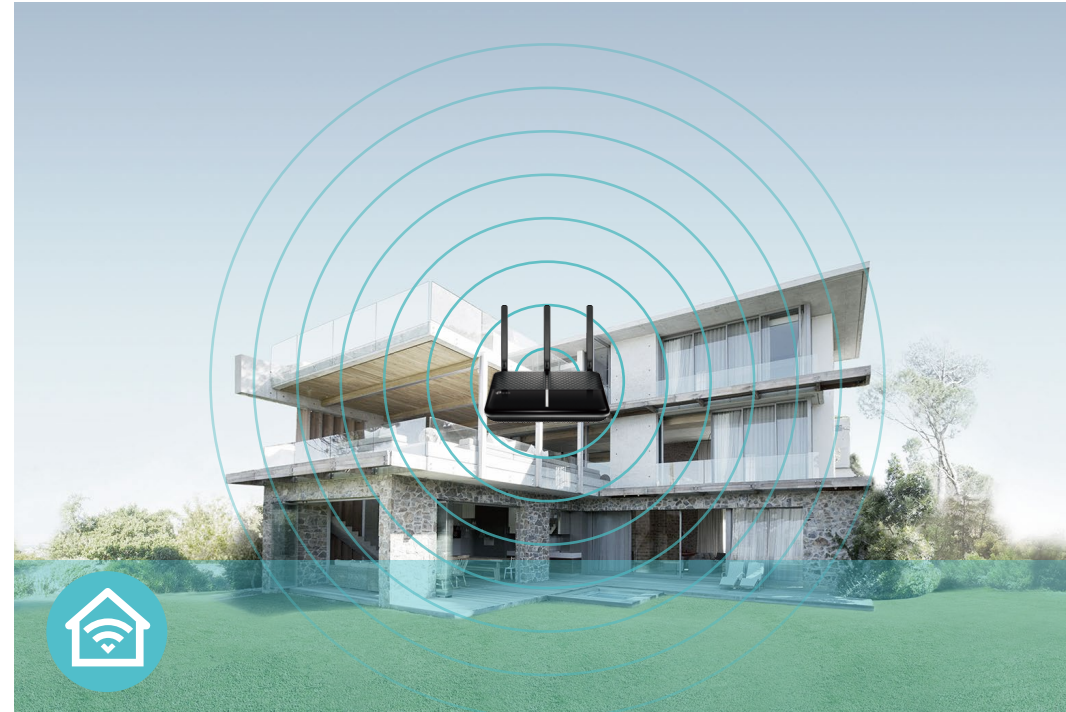
# Features

## Speed

· Ultimate Wireless Speed – Combined wireless speeds up to 600 Mbps (2.4GHz) and 1733 Mbps (5GHz)

· 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

## Wi-Fi Range

· Ultimate Range Wi-Fi – Three external antennas and one internal antenna ensure the widespread Wi-Fi coverage and a stable connection

· Beamforming Technology – Concentrates Wi-Fi signal to individual devices for stronger connections

## Reliability

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

· Smart Connect – Intelligently assigns each device to the best Wi-Fi band

· Airtime Fairness – Balances airtime usage of connected devices to improve overall throughput and efficiency

· IPTV – Supports IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming

# Features
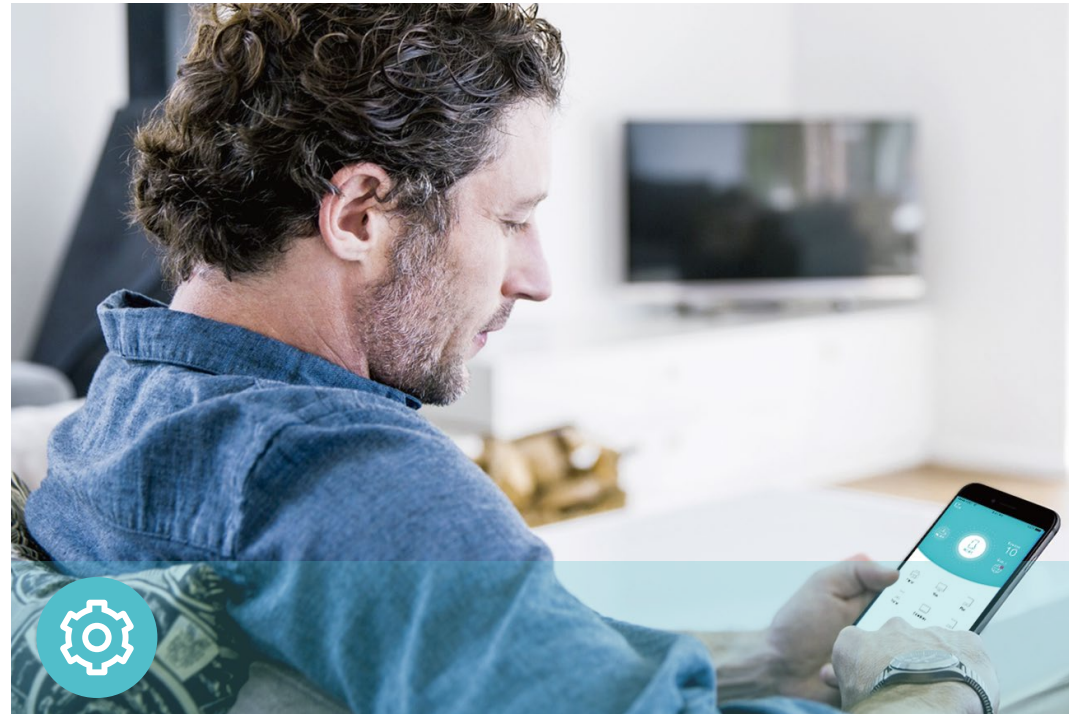
## Ease of Use

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

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

· Wi-Fi On/Off – Turn on/off wireless radio as needed using the Wi-Fi On/Off 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

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

· Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet

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

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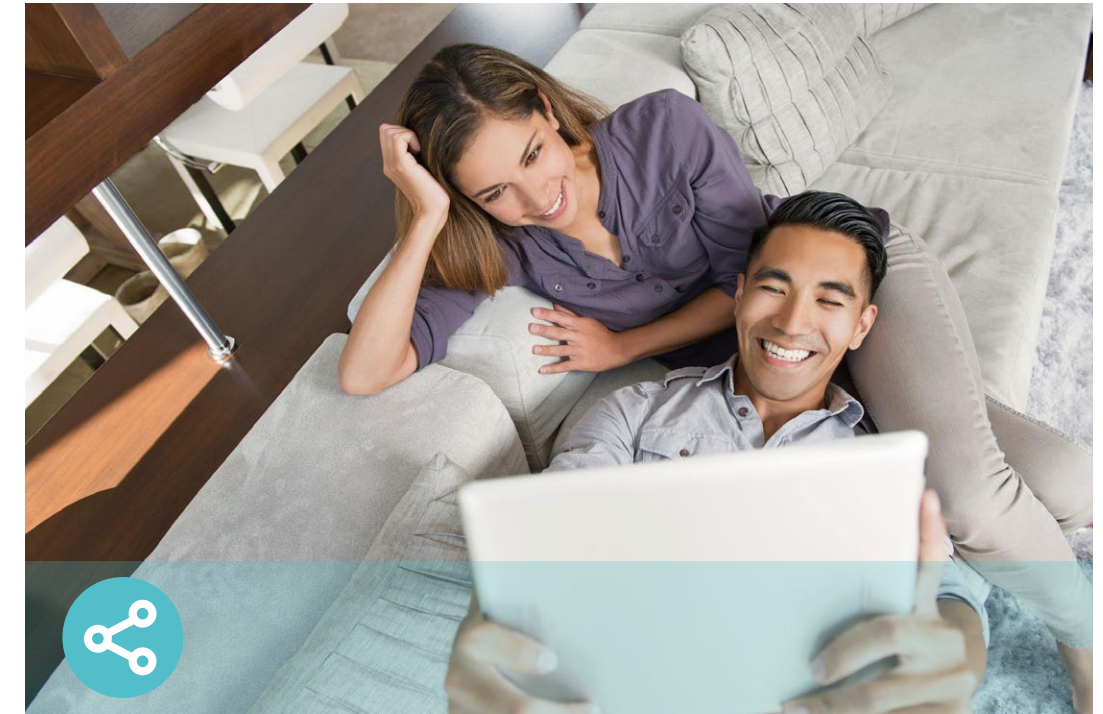
## Easy Sharing

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

· USB Port for Fast Sharing – With the USB port, you can access and share your files locally, or remotely through the router's FTP server

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

# Specifications

## Hardware

- Ethernet Ports: 4× Gigabit LAN Port + 1× Gigabit WAN Port

- USB Port: 1× USB 3.0 Port

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

- Antennas: 3× External Antenna + 1× Internal Antenna

- External Power Supply: 12VDC/2.5A (US version), 12VDC/2A (EU version)

- Dimensions (W x D x H): 8.5 × 6.5 × 1.4 in. (216 × 164 × 36.8 mm)

Wi-Fi On/Off    Reset  WPS              USB 3.0

Power   Power On/Off    Gigabit Ethernet Ports
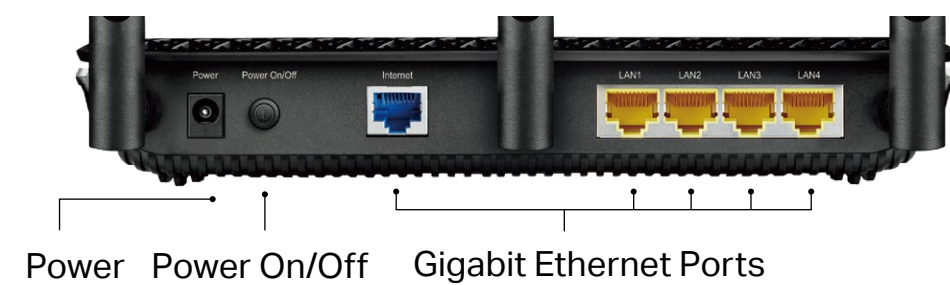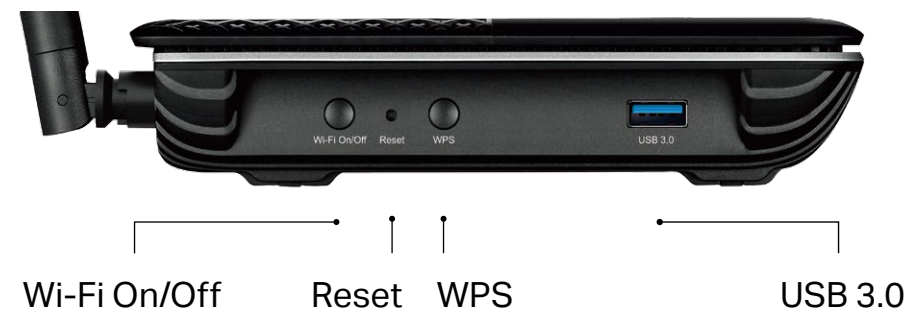
## Wireless

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

- Frequency: 2.4 GHz and 5 GHz

- Signal Rate: 1733 Mbps at 5 GHz, 600Mbps at 2.4 GHz[†]

- Transmit Power:

  CE: <13.5dBm(2.4 GHz), <16.5dBm(5 GHz)

  FCC: <25dBm(2.4 GHz), <24dBm(5 GHz)

- Reception Sensitivity:

  5GHz:

  11ac80M MCS11: -58dBm, 11ac80M MCS0: -88dBm

  11ac40M MCS11: -61dBm, 11ac40M MCS0: -91dBm

  11ac20M MCS11: -63dBm, 11ac20M MCS0: -95dBm

  54M: -76dBm, 6M: -95dBm

  2.4GHz:

  11n40M MCS9: -63dBm, 11n40M MCS0: -89dBm

  11n20M MCS8: -67dBm, 11n20M MCS0: -92dBm

  54M: -75dBm, 11M : -90dBm, 6M: -93dBm, 1M: -98dBm

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

- Wireless Security: Enable/Disable SSID Broadcast, 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions, QSS, Wireless MAC Filter

# Specifications

## Software

· Quality of Service: WMM, Bandwidth Control

· 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 Control, Local Management Control, Blacklist, Whitelist

· Firewall Security: DoS, 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 x 1, 5 GHz guest network x 1

## 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°C~40°C  (32°F ~104°F)

Storage Temperature: -40°C~70°C (-40°F ~158°F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

· Package Contents

AC2300 MU-MIMO Wi-Fi Router Archer C2300

Power Adapter

RJ45 Ethernet Cable

Quick Installation Guide

For more information, please visit

http://www.tp-link.com/products/details/Archer-C2300.html

or scan the QR code left