tp-link

AC2300 Wireless MU-MIMO Gigabit Router

Best for Simultaneous 4K Streaming and Gaming

Archer C2300

1625Mbps + 600Mbps Dual Band Wi-Fi

1.8GHz Dual-Core CPU

MU-MIMO

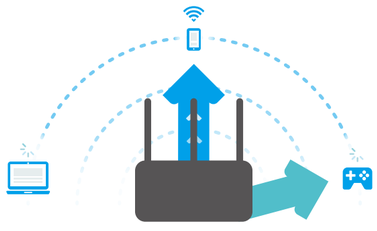
Smart Connect

Range Boost

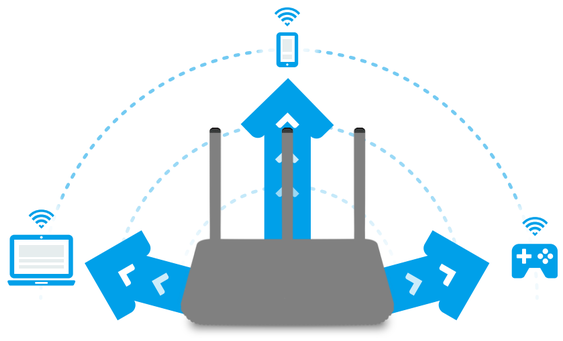
Highlights

MU-MIMO for 3× Faster Connections

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



Traditional Router
Sends data to one device at a time

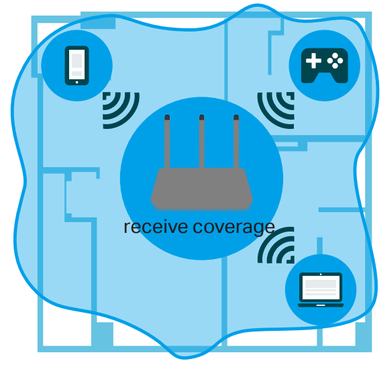


MU-MIMO Router
Simultaneously sends data to multiple devices

Range Boost for Better Whole Coverage

Range Boost greatly improves the routers ability to detect devices that are further away or low-powered, giving your network even greater coverage.

without Range Boost
Can not receive weak signals

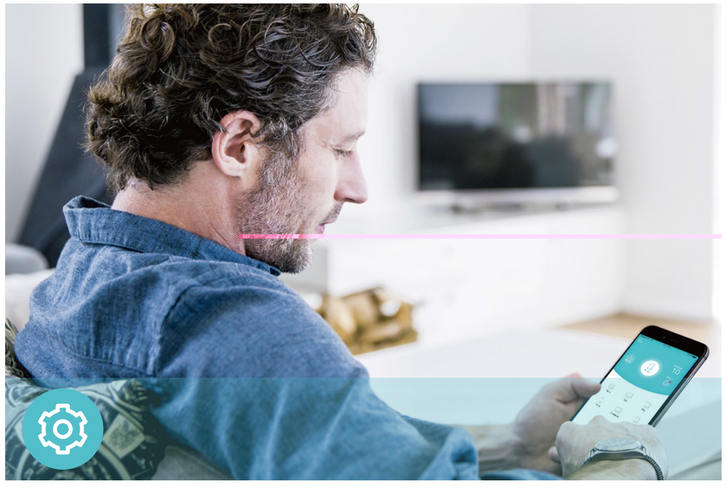


with Range Boost
Greatly expands receive coverage

HomeCare™ for the
Comprehensive Home Wi-Fi

curity, built-in antivirus and
performance

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
- Online Upgrade – Keeps informed of the latest firmware updates, ensuring your router stays at its best

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

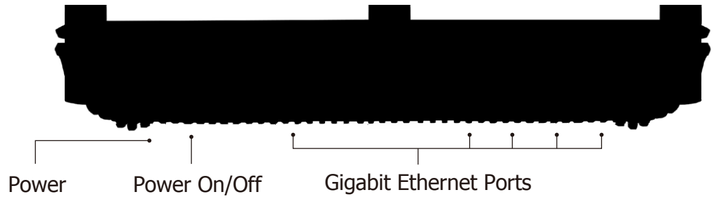
Easy Sharing

- 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, Power On/Off Button, Reset Button, WPS Button
- Antennas: 3 Dual Band Antennas
- Dimensions (W x D x H): 215.8 X 163.8 X 38.5mm



Wireless

- Wireless Standards: IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 1625Mbps at 5GHz, 600Mbps at 2.4GHz
- Transmit Power:

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

  FCC: <25dBm(2.4GHz), <24dBm(5GHz)
- 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), Bigpond
- 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: SPI Firewall, IP and MAC Address Binding
- Protocols: IPv4, IPv6
- USB Sharing: Supports Samba(Storage), FTP Server, Media Server, Printer Server
- Guest Network: 2.4GHz guest network x 1, 5GHz 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℃~40℃ (32℉ ~104℉)

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

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing
- Package Contents

  AC2300 Wireless MU-MIMO Gigabit Router Archer C2300

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

For more information, please visit
http://www.tp-link.com/en/products/details/Archer-C2300.html
or scan the QR code left

Attention: This device may only be used indoors in all EU member states and EFTA countries.
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*NitroQAM™ technology by Broadcom®
*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.
*Use of MU-MIMO and 1024-QAM requires clients to also support those functions.
*A basic TP-Link HomeCare™, powered by Trend Micro™, package is included for 3 years from date of activation at no additional cost. It includes Parental controls, Quality of Service, and Antivirus. Deactivation of HomeCare™ will disable certain controls and protections. For a complete list of HomeCare™ functions, go to www.tp-link.com.

TP-Link Technologies Co., Ltd. No.5 Keyuan Road, Nanshan, Shenzhen, 518057, PRC