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> TP-Link Archer C64 AC1200 Dual-Band Gigabit Wi-Fi Router User Manual

TP-Link Archer C64

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Model: Archer C64

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your TP-Link Archer C64 AC1200 Dual-Band Gigabit Wi-Fi Router. The Archer C64 is designed to deliver high-speed, reliable wireless connectivity for your home or small office, supporting both 2.4 GHz and 5 GHz bands for optimal performance across various devices.



Image: The Archer C64 router, a high-performance device for gigabit network entry, shown in a modern home setting.

PACKAGE CONTENTS

Verify that your package contains the following items:

- Wireless Router Archer C64
- Power Adapter

- Ethernet Cable
- Quick Installation Guide



Image: The retail packaging for the TP-Link Archer C64, indicating its AC1200 Wi-Fi and Gigabit capabilities.

SETUP

1. Physical Connection

Follow these steps to connect your router:

1. **Power Off:** Disconnect the power from your modem and router (if applicable).
2. **Connect Modem:** Connect your modem to the router's **WAN** port (usually blue) using an Ethernet cable.
3. **Connect Devices (Optional):** Connect your computer or other wired devices to the router's **LAN** ports (yellow) using Ethernet cables.
4. **Power On:** Connect the power adapter to the router and plug it into a power outlet. Power on your modem, then the router. Wait for the indicator lights to stabilize.

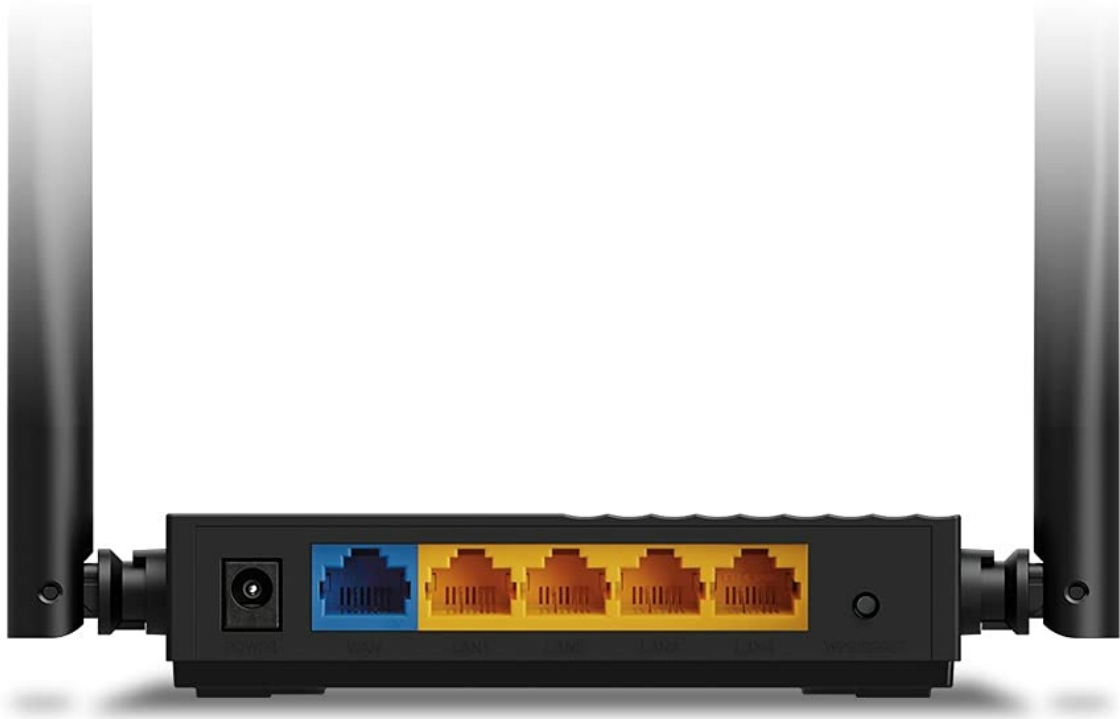
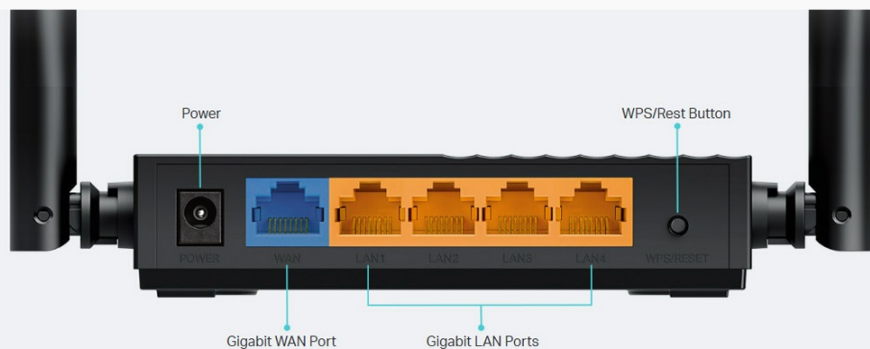


Image: Rear view of the Archer C64 router, highlighting the power input, blue WAN port, four yellow LAN ports, and the WPS/Reset button.



10 × Faster — Wired or Wireless

Gigabit Ethernet ports (1 WAN+ 4 LAN) deliver speeds up to 10 × faster than standard Ethernet connections. Plug in your PCs, smart TVs, and game consoles for fast and reliable connections.

Archer C64 is your best choice for high-performance Gigabit network entry, with a competitive price advantage. Full Gigabit Ethernet ports drive your devices to peak performance.

Image: A detailed diagram of the Archer C64's rear panel, labeling the Power port, Gigabit WAN Port, Gigabit LAN Ports, and the WPS/Reset Button.

2. Network Configuration

You can configure your router using a web browser or the TP-Link Tether app.

Using the TP-Link Tether App (Recommended)

The Tether app provides an intuitive way to set up and manage your router from your mobile device.

1. **Download App:** Download the TP-Link Tether app from the App Store (iOS) or Google Play (Android).
2. **Launch App:** Open the Tether app and log in with your TP-Link ID. If you don't have one, create it first.
3. **Add Device:** Tap the '+' icon in the app and select 'Router' to add your Archer C64. Follow the on-screen instructions to complete the setup.

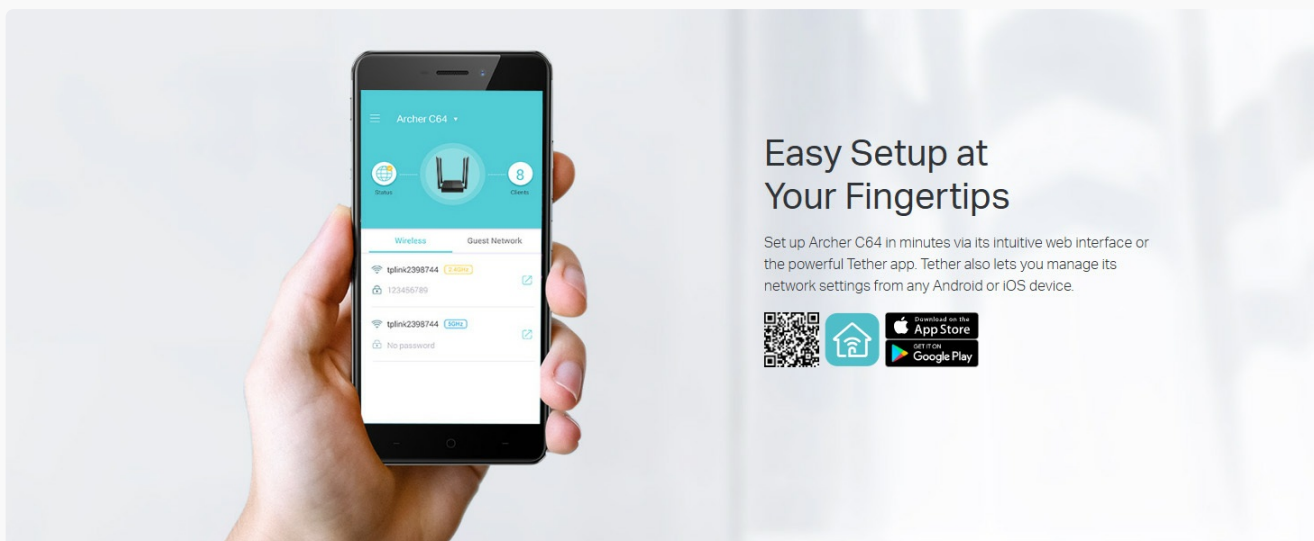


Image: A hand holding a smartphone displaying the TP-Link Tether app interface, illustrating the easy setup process for the Archer C64.

Using a Web Browser

1. **Connect to Router:** Connect your computer to the router via an Ethernet cable or wirelessly using the default Wi-Fi name (SSID) and password printed on the router's label.
2. **Access Web UI:** Open a web browser and type `http://tplinkwifi.net` or `http://192.168.0.1` into the address bar.
3. **Login:** Create a new password for future logins.
4. **Quick Setup:** Follow the step-by-step instructions in the Quick Setup wizard to configure your internet connection and wireless settings.

OPERATING THE ROUTER

Dual-Band Wi-Fi

The Archer C64 operates on both 2.4 GHz and 5 GHz bands simultaneously. The 2.4 GHz band provides wider coverage and is suitable for basic tasks like web browsing and email, while the 5 GHz band offers faster speeds for bandwidth-intensive activities such as 4K streaming and online gaming.

AC1200 Dual Band WiFi Meets Your Smooth Network Needs

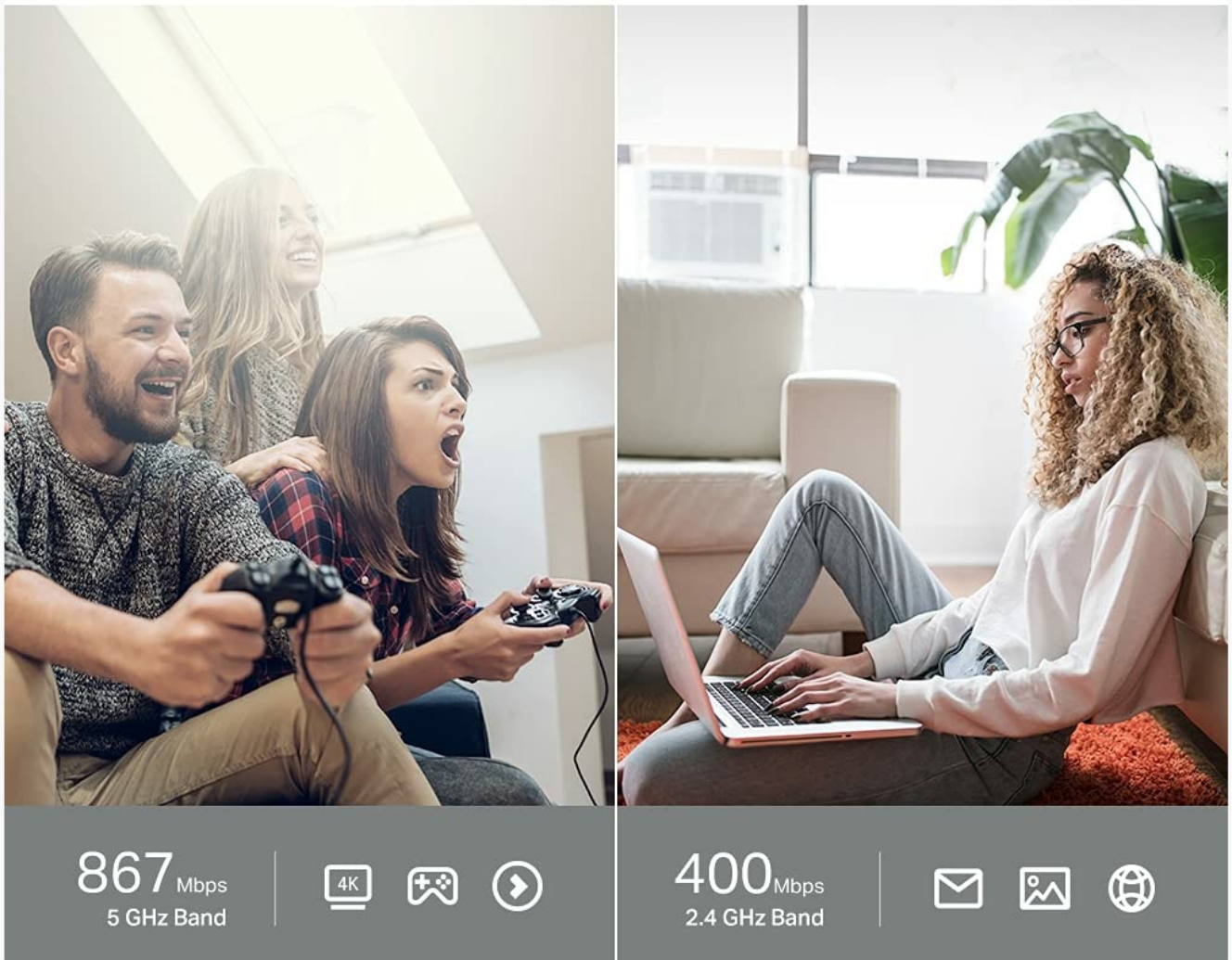


Image: Visual representation of AC1200 Dual Band Wi-Fi, showing 867 Mbps on the 5 GHz band for streaming and gaming, and 400 Mbps on the 2.4 GHz band for general internet use.

MU-MIMO Technology

MU-MIMO (Multi-User, Multiple-Input, Multiple-Output) allows the Archer C64 to communicate with multiple devices simultaneously, significantly improving network efficiency and reducing latency, especially in busy networks.

Simultaneously Streaming to Multiple Devices with MU-MIMO



Archer C64

Stream data to multiple devices simultaneously



Traditional Router

Stream data to one device at a time

Image: A comparison illustrating how the Archer C64 with MU-MIMO streams data to multiple devices simultaneously, unlike traditional routers that stream to one device at a time.

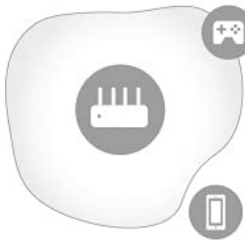
Beamforming Technology

Beamforming technology detects the location of your connected devices and concentrates the wireless signal strength towards them, providing a more stable and efficient wireless connection, particularly for devices further away or in hard-to-reach areas.

Whole-Home WiFi Coverage with Advanced Technology



Archer C64
with Beamforming



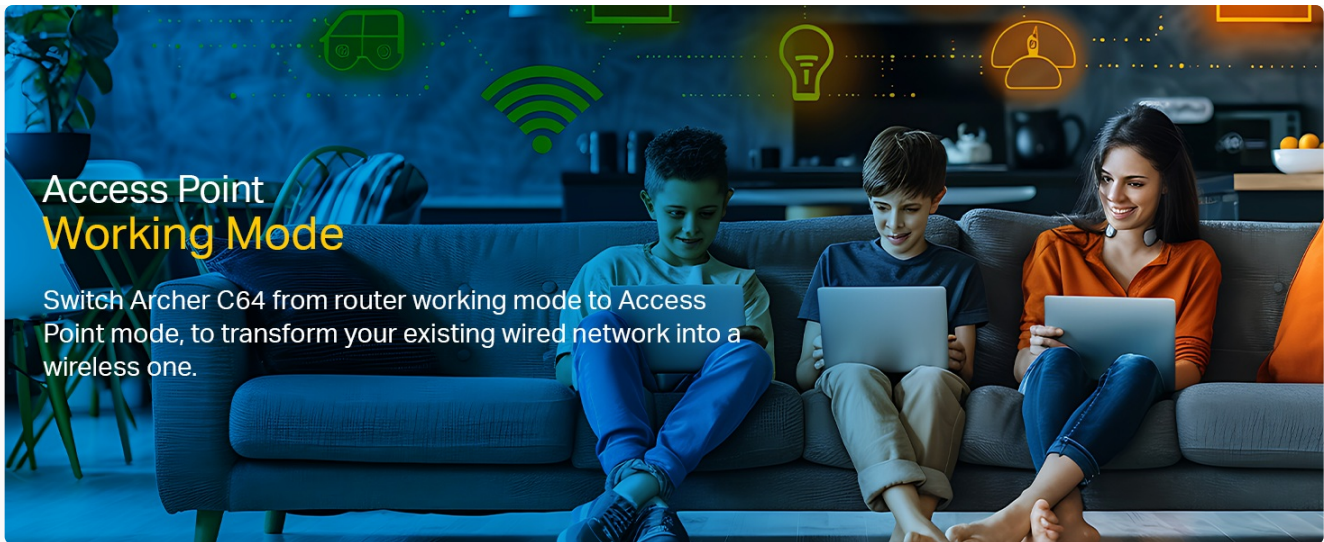
Other Router
without Beamforming



Image: A visual demonstrating how the Archer C64 with Beamforming provides whole-home Wi-Fi coverage by directing signals to specific devices, unlike routers without this technology.

Access Point Mode

The Archer C64 can function in Access Point (AP) mode, transforming your existing wired network into a wireless one. This is useful for extending Wi-Fi coverage in areas where you already have an Ethernet connection.



Access Point Working Mode

Switch Archer C64 from router working mode to Access Point mode, to transform your existing wired network into a wireless one.

Image: A diagram illustrating the Archer C64 operating in Access Point mode, converting a wired internet connection from a modem into a wireless network for multiple devices.

Advanced Security with WPA3

The Archer C64 supports WPA3, the latest Wi-Fi security protocol, offering enhanced encryption and protection against brute-force attacks to safeguard your home Wi-Fi network.

Additional Features

- **Parental Controls:** Manage and restrict internet access for children's devices.
- **Guest Network:** Create a separate Wi-Fi network for guests, keeping your main network secure.
- **Smart Connect:** Automatically assigns devices to the best available Wi-Fi band (2.4 GHz or 5 GHz) for optimal performance.
- **Airtime Fairness:** Optimizes Wi-Fi usage by ensuring older, slower devices don't monopolize network time.
- **IPv6 Support:** Future-proofs your network with support for the latest internet protocol.
- **IPTV Support:** Improves streaming experience for IPTV services.






				
Parental Controls	Intelligent Connection	IPv6 Support	IPTV	Cloud Service
Block inappropriate content and set daily limits for how much time your children spend online with Parental Controls	Smart Connect directs clients to the less congested band and Airtime Fairness optimizes the time usage	Future-proof your network with IPv6 (Internet Protocol Version 6) support	Improve your IPTV streaming experience with IGMP Proxy/Snooping Bridge and Tag VLAN	Receive software updates and control your router remotely through your cloud account

Image: Icons representing key features of the Archer C64, including Parental Controls, Intelligent Connection, IPv6 Support, IPTV, and Cloud Service.

MAINTENANCE

To ensure optimal performance and longevity of your Archer C64 router, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install the latest firmware updates via the Tether app or web management interface. Firmware updates often include performance improvements, security patches, and new features. The router supports cloud service for receiving software updates.
- **Regular Reboot:** Periodically reboot your router (e.g., once a month) by unplugging it from the power outlet for 10 seconds and then plugging it back in. This can help clear its memory and resolve minor performance issues.
- **Physical Cleaning:** Keep the router clean and free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation holes are not blocked to prevent overheating.
- **Optimal Placement:** Place the router in a central location, away from obstructions and interference sources (like microwaves or cordless phones), to maximize Wi-Fi coverage.

TROUBLESHOOTING

If you encounter issues with your Archer C64 router, try the following troubleshooting steps:

No Internet Access

- **Check Cables:** Ensure all Ethernet cables are securely connected to the correct ports (WAN to modem, LAN to devices).
- **Reboot Devices:** Power off your modem and router. Wait for 30 seconds, then power on the modem first, wait for it to fully boot, and then power on the router.
- **Check WAN LED:** Verify that the WAN LED on the router is lit, indicating a connection to your modem.
- **ISP Connection:** Confirm that your Internet Service Provider (ISP) service is active.

Weak Wi-Fi Signal or Dropped Connections

- **Router Placement:** Move the router to a more central location in your home, away from large metal objects, thick walls, or other electronic devices that may cause interference.
- **Antenna Orientation:** Adjust the router's antennas for optimal signal reception.
- **Interference:** Change the Wi-Fi channel in the router's settings to avoid interference from neighboring networks.
- **Firmware Update:** Ensure your router's firmware is up to date.

Forgot Wi-Fi Password or Login Password

- **Default Password:** The default Wi-Fi password is printed on the label at the bottom of the router.
- **Reset Router:** If you forgot your login password or customized Wi-Fi password, you can reset the router to factory default settings. With the router powered on, press and hold the WPS/Reset button on the back panel for about 10 seconds until all LEDs flash. The router will then restart with default settings.

SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Name	Archer C64

Wireless Standard	802.11ac Wave2, 802.11b/g/n
Wireless Speed	AC1200 (867 Mbps on 5 GHz, 400 Mbps on 2.4 GHz)
Frequency Band Class	Dual-Band
Ethernet Ports	1 Gigabit WAN Port, 4 Gigabit LAN Ports
Antennas	4 External Antennas
Security Protocols	WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
Special Features	Access Point Mode, Beamforming, MU-MIMO, Parental Control, Guest Network, Smart Connect, Airtime Fairness, IPv6 Support, IPTV, Cloud Service
Dimensions (LxWxH)	12 x 12 x 2.8 cm
Item Weight	230 g
Power Input	220V

WARRANTY AND SUPPORT

Your TP-Link Archer C64 router comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official TP-Link website.

For technical support, product inquiries, or warranty claims, please contact TP-Link customer service:

- **Toll Free:** 1800 2094 168
- **Email:** support.in@tp-link.com
- **Manufacturer/Importer:** TP-LINK India Private Limited, Green Industrial Park, Dongri Pada, Poman, Kaman-Bhiwandi Road, Vasai East, Palghar, Maharashtra – 401208

Additional resources, including updated drivers, firmware, and FAQs, can be found on the official TP-Link support website.