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Overview

TP-Link Archer C80, AC1900 MU-MIMO Dual-band Wifi 5 Router, up to 1.9 Gbps



High-Performance WiFi for the Mainstream

Dual-Band | Full Gigabit

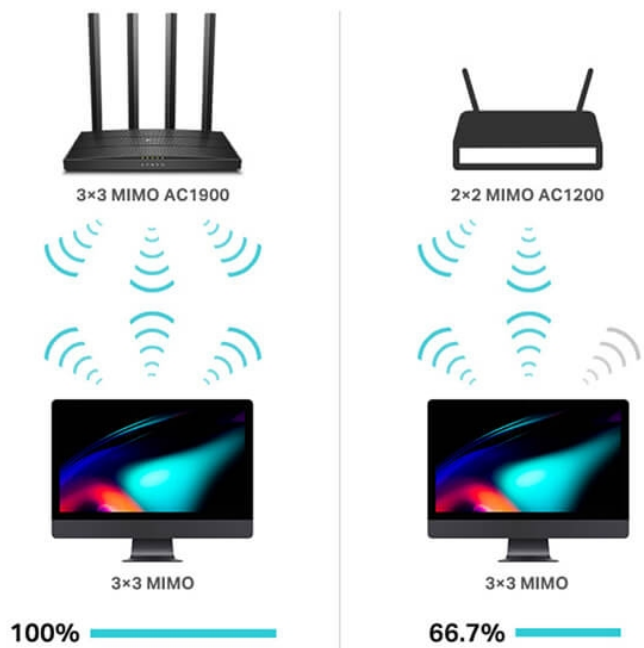
AC1900 MU-MIMO WiFi Router

Archer C80

Maximum WiFi Performance with Three Streams

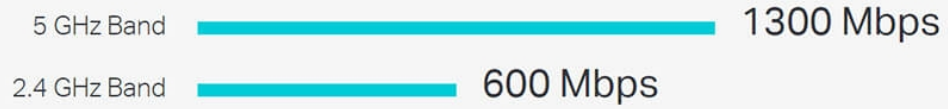
With 3x3 MIMO, Archer C80 is capable of transmitting and receiving data on three streams. 3x3 capable computers—like Macs—pair perfectly with C80 to perform at max with much higher efficiency than 2x2 MIMO routers.

**3x3
MIMO**



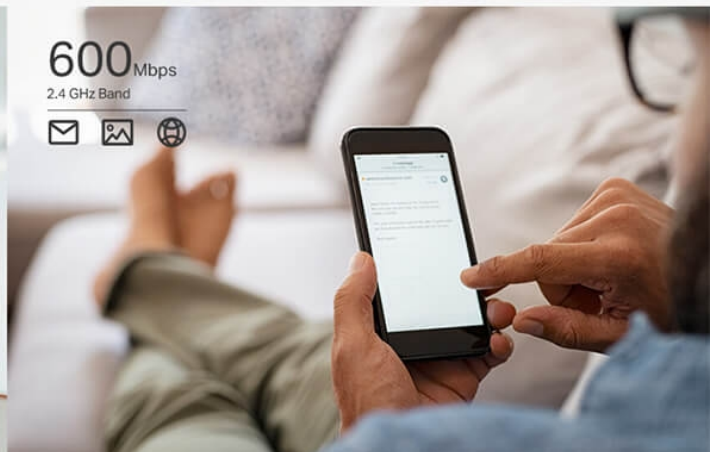
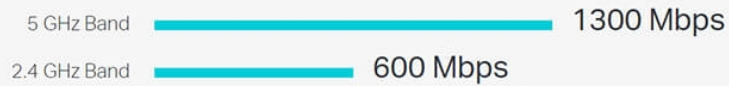
Incredible 802.11ac Wave2 Series WiFi

The affordable Archer C80 delivers high-performance WiFi with total speeds up to 1900 Mbps. Handle simple tasks like sending e-mails or web browsing on the 2.4 GHz band and bandwidth-intensive tasks like online gaming or 4K/8K UHD streaming on the 5 GHz band—all lag-free.



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Broader Coverage Throughout Your Home

Access your entertainment from every corner of your home with 4 external high-performance antennas. Beamforming technology detects devices and concentrates wireless signal strength towards them, even if they are far away or low-powered.



Other Router without Beamforming



Archer C80


Connect More Devices Simultaneously

Archer C80 helps your devices achieve optimal performance by making communication more efficient with MU-MIMO technology. MU-MIMO allows multiple devices to send and receive data simultaneously. Enjoy non-stop entertainment on all your devices.



Increased Efficiency in WiFi Distribution

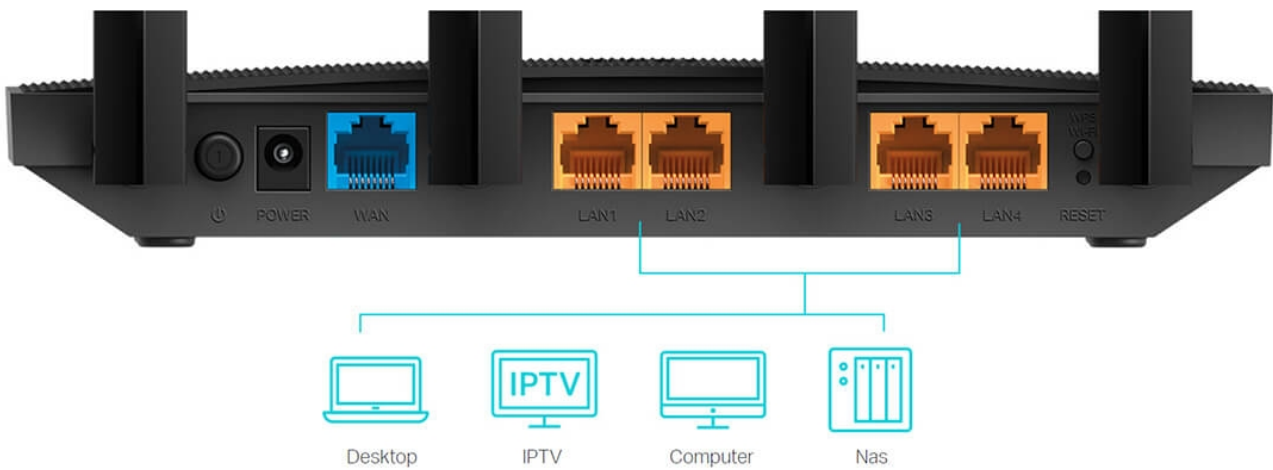
Smart Connect helps your router automatically switch each device's connection to the best available WiFi band while Airtime Fairness prevents older devices from slowing down your network. With both, everyone can enjoy a smoother, buffer-free WiFi experience.

-  Airtime Fairness
-  Smart Connect



Full Gigabit Ports

Gigabit Ethernet ports (1 WAN+ 4 LAN) deliver maximum wired speeds. Plug in your PCs, smart TVs, and game consoles for fast and reliable connections.



Personalize Your Home Network

Archer C80 provides a wealth of advanced tools for personalized management.



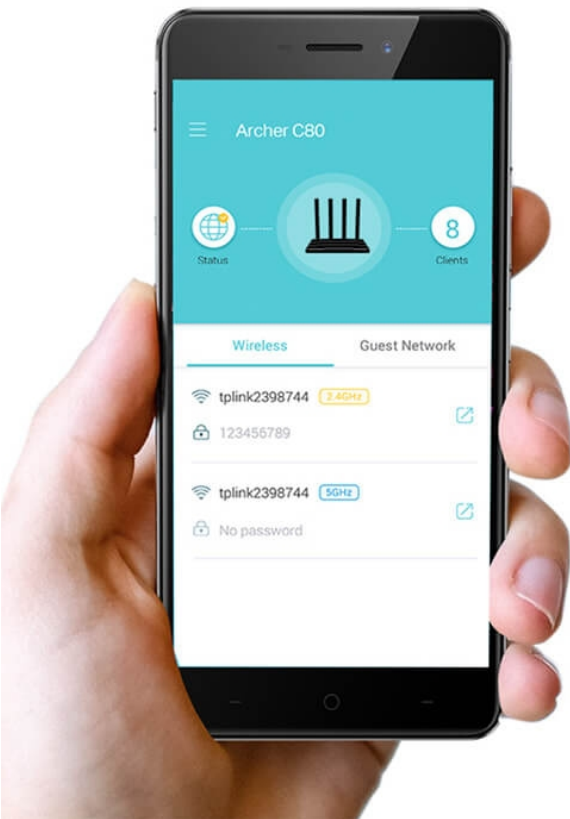
Parental Controls

Block inappropriate content and set daily limits for how much time your children spend online with Parental Controls.



Guest Network

Guest Network creates a separate WiFi for guests, ensuring your privacy is secure.



Easy Setup at Your Fingertips

Set up Archer C80 in minutes via its intuitive web interface or the powerful Tether app. Tether also lets you manage its network settings from any Android or iOS device.



IPv6 Supported

Future-proof your network with IPv6 (Internet Protocol Version 6) support



IPTV

Improve your IPTV streaming experience with IGMP Proxy/Snooping Bridge and Tag VLAN



Quality of Service

Prioritizes devices to give faster performance where you need it



Cloud Service

Receive software updates and control your router remotely through your cloud account

Note:

†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 requires clients to also support MU-MIMO.

Get more information

Do you have any question about the TP-Link AC1900 MU-MIMO Dual-band Wifi 5 Router (Archer C80)?

Contact us now via [Live Chat](#) or sales@router-switch.com

Specification

TP-Link AC1900 MU-MIMO Dual-band Wifi 5 Router (Archer C80) Specification	
Wireless	
Standards	Wi-Fi 5 IEEE 802.11ac/n/a 5 GHz IEEE 802.11n/b/g 2.4 GHz
WiFi Speeds	AC1900 5 GHz: 1300 Mbps (802.11ac) 2.4 GHz: 600 Mbps (802.11n)
WiFi Range	3 Bedroom Houses 4× Fixed High-Performance Antennas Multiple antennas form a signal-boosting array to cover more directions and large areas Beamforming Concentrates wireless signal strength towards clients to expand WiFi range
WiFi Capacity	Medium Dual-Band Allocate devices to different bands for optimal performance 3×3 MU-MIMO Simultaneously communicates with multiple MU-MIMO clients Airtime Fairness Improves network efficiency by limiting excessive occupation
Working Modes	Router Mode Access Point Mode
Hardware	
Processor	1.2 GHz CPU
Ethernet Ports	1× Gigabit WAN Port 4× Gigabit LAN Ports
Buttons	WPS/Wi-Fi Button Power On/Off Button Reset Button
Power	US Version 12 V 1.5 A
Security	
WiFi Encryption	WPA WPA2 WPA3 WPA/WPA2-Enterprise (802.1x)

Network Security	SPI Firewall Access Control IP & MAC Binding Application Layer Gateway
Guest Network	1 × 5 GHz Guest Network 1 × 2.4 GHz Guest Network
Software	
Protocols	IPv4 IPv6
OneMesh™	OneMesh™ Supported Without replacing your existing devices or buying a whole new WiFi ecosystem, OneMesh™ helps you create a more flexible network that covers your entire home with TP-Link OneMesh™ products.
Parental Controls	URL Filtering Time Controls
WAN Types	Dynamic IP Static IP PPPoE PPTP L2TP
Quality of Service	QoS by Device
Cloud Service	OTA Firmware Upgrade TP-Link ID DDNS
NAT Forwarding	Port Forwarding Port Triggering DMZ UPnP
IPTV	IGMP Proxy IGMP Snooping Bridge Tag VLAN
DHCP	Address Reservation DHCP Client List Server
DDNS	TP-Link NO-IP DynDNS
Management	Tether App Webpage
Physical	
Dimensions (W×D×H)	8.5 × 4.6 × 1.26 in (215 × 117 × 32 mm)
Package Contents	Wi-Fi Router Archer C80 Power Adapter RJ45 Ethernet Cable Quick Installation Guide
Other	
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser Cable or DSL Modem (if needed) Subscription with an internet service provider (for internet access)
Certifications	FCC, RoHS

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
Test Data	
WiFi Transmission Power	FCC: <30dBm(2.4GHz & 5GHz)
WiFi Reception Sensitivity	5GHz: 11a 6Mbps:-98dBm, 11a 54Mbps:-78dBm 11ac VHT20_MCS0:-98dBm, 11ac VHT20_MCS8:-72dBm 11ac VHT40_MCS0:-92dBm, 11ac VHT40_MCS9:-68dBm 11ac VHT80_MCS0:-89dBm, 11ac VHT80_MCS9:-64dBm 2.4GHz: 11g 6Mbps:-97dBm, 11a 54Mbps:-77dBm 11n VHT20_MCS0:-97dBm, 11n VHT20_MCS8:-72dBm 11n VHT40_MCS0:-92dBm, 11n VHT40_MCS9:-67dBm

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200+

Countries we Sold



18,000+

Customers Trusted



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Inventory Available



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100%

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