



AC1200 Dual Band Wi-Fi Router

Four Antennas for Faster AC
Wi-Fi and Greater Coverage



EC220-F5



Dual-Band Wi-Fi
867 Mbps + 300 Mbps[†]



Router/ Access Point / Range
Extender Multiple Modes



4 × 5dBi
Antennas

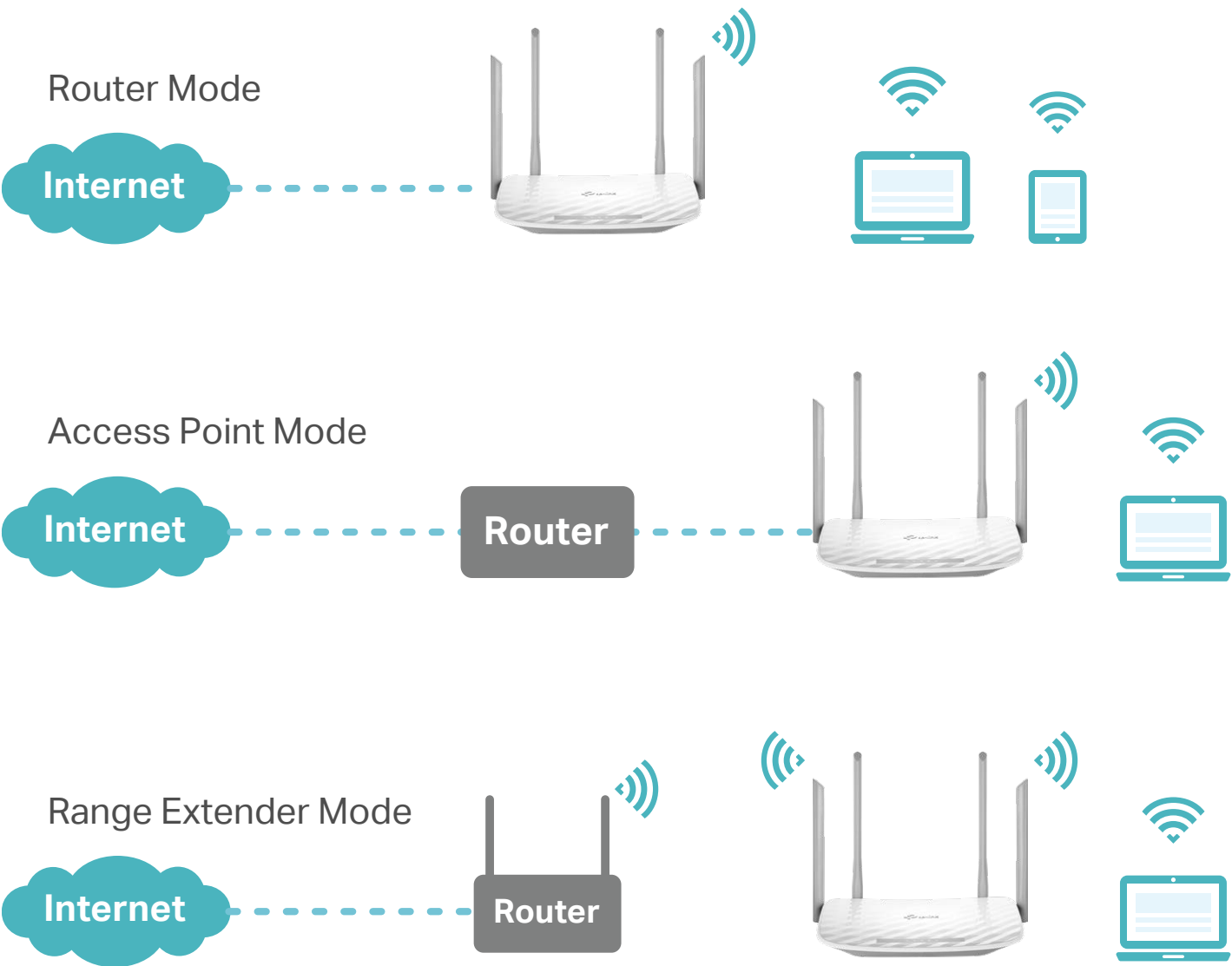


Faster Wi-Fi
with MU-MIMO[†]

Highlights

Multi-Mode Function

In addition to serving as a wireless router, this router can also function as a wireless access point or range extender, providing you with the flexibility you need in any situation. The mode can be easily setup in the web management page .



4 Antennas & Beamforming for Maximum Coverage

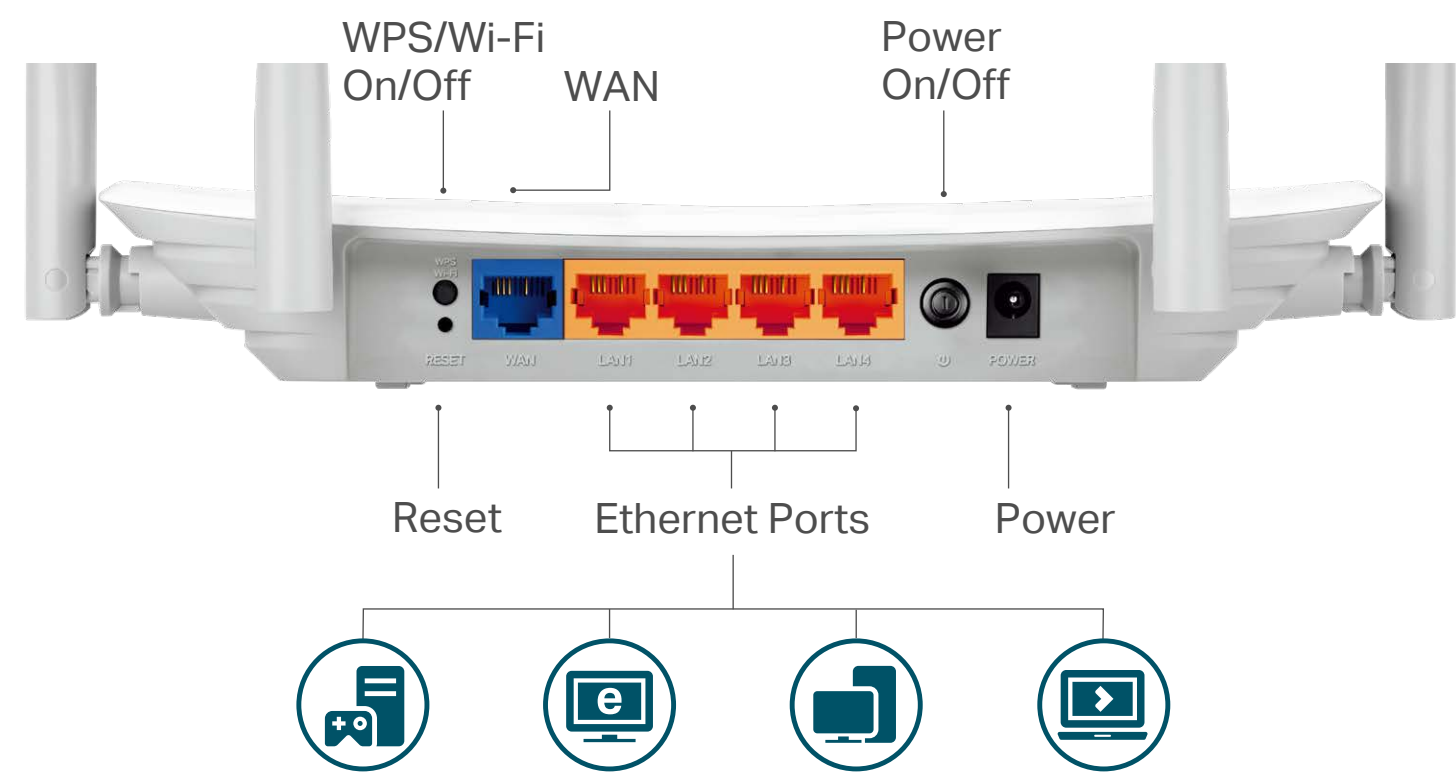
Equipped with four external antennas, EC220-F5 creates stronger and more reliable networks for all to enjoy in your home. Beamforming technology concentrates the Wi-Fi signal towards your connected devices, providing better Wi-Fi range and network performance.



Highlights

Fast Ethernet

Enjoy fast, reliable wired connections for gaming and streaming in the best quality.

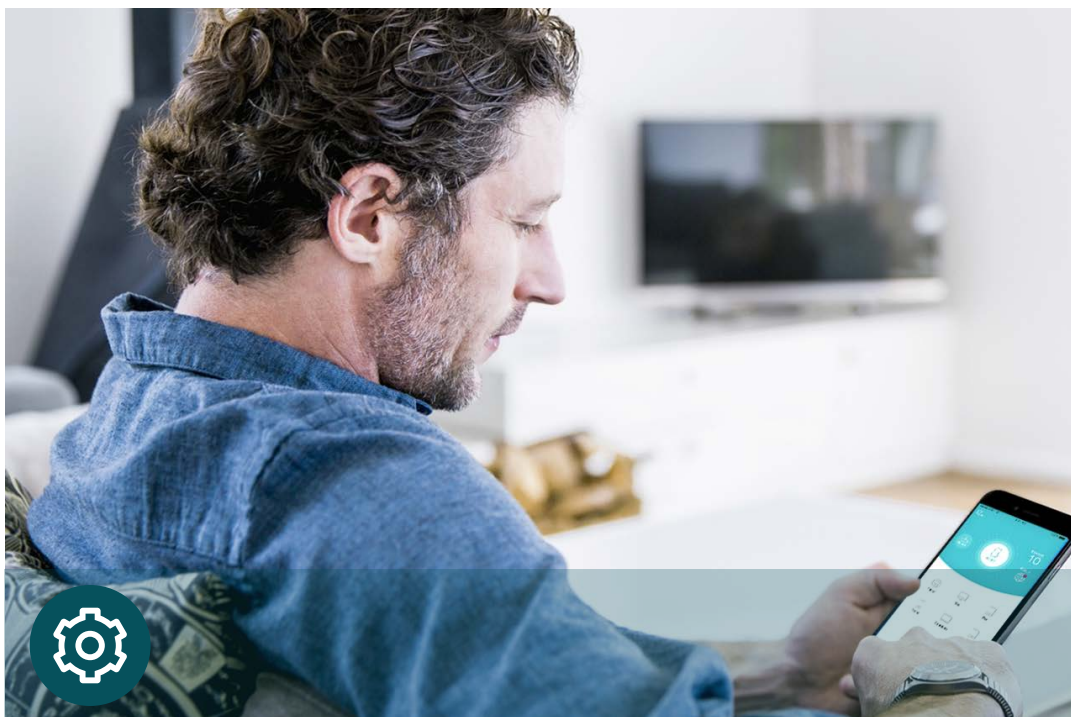


Features



Reliability

- Ultimate Wireless Speed – 300 Mbps Wi-Fi speed on 2.4 GHz and 867 Mbps Wi-Fi speed on 5 GHz meet your daily internet needs
- MU-MIMO – Simultaneously transfers data to multiple devices
- Bandwidth Control – Assign your preferred devices with more bandwidth
- IPTV – Support IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming



Ease of Use

- Intuitive Web UI – Ensure quick and simple installation without hassle
- Fast Encryption – Make secure wireless connection quickly and easily with the push of a WPS button
- Hassle-free Management with Tether App – Let you manage your network settings with your smartphone



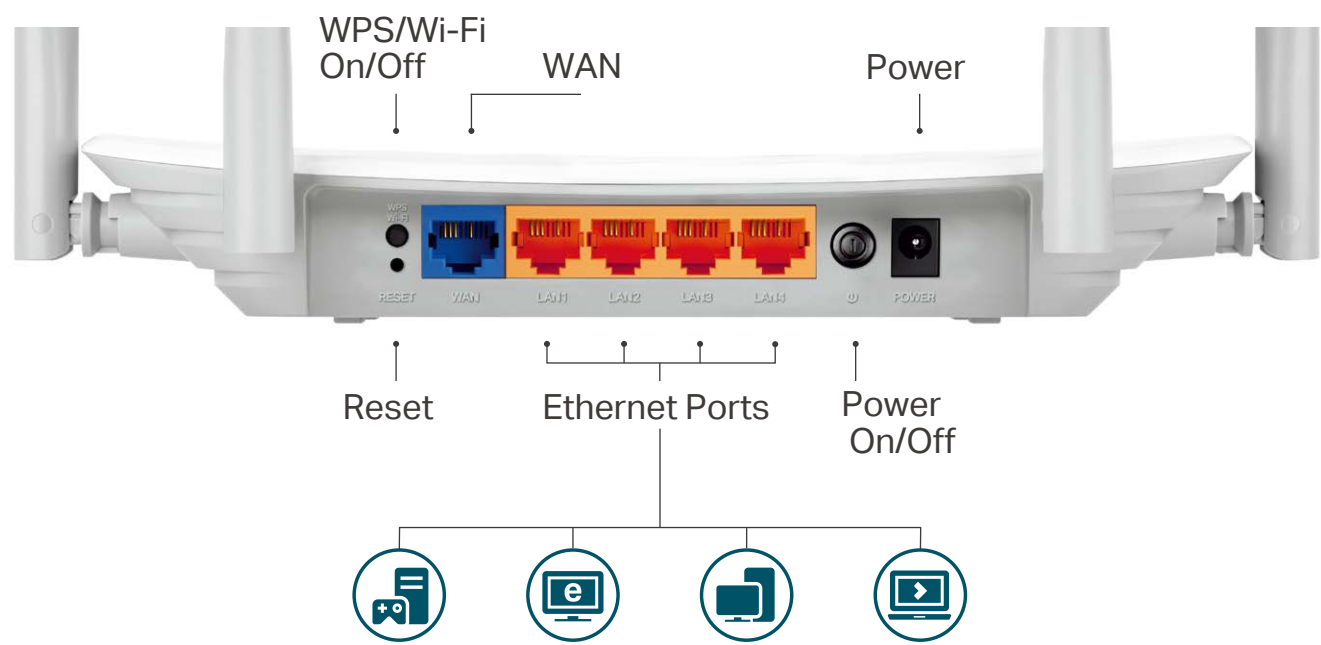
Security

- Active Defense – WPA-PSK/WPA2- PSK encryptions provide active protection against security threats
- Guest Network – Provide separate access for guests while securing the home network
- Access Control – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet
- Parental Controls – Manage when and how connected devices can access the internet

Specifications

Hardware

- Ethernet Ports: 4*10/100 Mbps LAN Ports, 1*10/100 Mbps WAN Port
- Buttons: Reset Button, Power On/Off Button, WPS/Wi-Fi On/Off Button
- Antennas: 4 Fixed Omni Directional Antennas
- External Power Supply: 9VDC/0.85A
- Dimensions (W x D x H): 9.1 x 5.7 x 1.4 in. (230 x 144 x 35 mm)



Wireless

- Wireless Standards: IEEE 802.11ac/n/a 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate:
 - 5 GHz: Up to 867 Mbps
 - 2.4 GHz: Up to 300 Mbps
- Transmit Power:
 - CE:<20dBm(2.4GHz), <23dBm(5GHz)
- Wireless Function: Enable/Disable Wireless Radio, WMM, Wireless Schedule, Wireless Statistics
- Wireless Security: 64/128-bit WEP,WPA / WPA2,WPA-PSK / WPA2-PSK encryption

Specifications

Software

- WAN Type: Dynamic IP/Static IP/PPPoE/PPTP/L2TP(Multi-EWAN)
- DHCP: Server, Client, DHCP Client List, Address Reservation
- Quality of Service: WMM, Bandwidth Control
- Port Forwarding: Vritual Server, Port Triggering, DMZ, UPnP
- VPN Passthrough: PPTP, L2TP, IPSec
- VPN Server: PPTP, OpenVPN
- Access Control: Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
- Firewall Security: DoS, SPI Firewall, IP Address Filter, IP and MAC Address Binding
- Protocols: Supports IPv4 and IPv6
- Management: Access Control, Local Management, Remote Management, TR-069,TR-098,TR-111

Others

- Certification
CE, RoHS
- System Requirements
Microsoft Windows 10/8.1/8/7/Vista/XP/2000/NT/98SE, MAC OS, NetWare, UNIX or Linux

Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser
- Environment

Operating Temperature: 0°C~40°C (32°F ~104°F)

Operating Humidity: 10%~90% non-condensing
- Package Contents

Wireless Router EC220-F5

Power Adapter

RJ45 Ethernet Cable

Quick Installation Guide

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[†]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 network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

[‡]Use of MU-MIMO requires clients to also support MU-MIMO.