TOTO LINK

The Smartest Network Device

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600Mbps+1300Mbps
11ac 1900Mbps

1GHz CPU

MU-MIMO

AC1900
Wireless Dual Band Gigabit Router

Model No. **Q5**

➤ Overview

AC1900
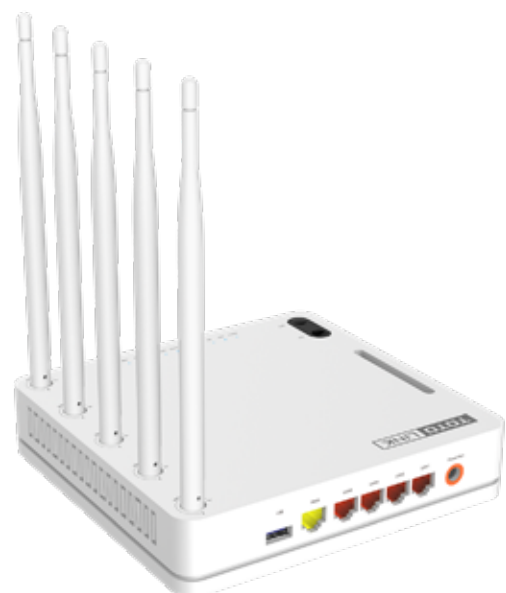### Wireless Dual Band Gigabit Router

Model No. Q5

Q5 is a wireless dual band router with full gigabit ports,
delivering wireless speed up to 1900Mbps, which easily satisfies
the different Internet demands from multiple users at the same time,
such as website reading, mailing, streaming media and gaming.
With the latest MU-MIMO and beamforming technology,
Q5 greatly improves the bandwidth efficiency and the
Wi-Fi experience for the users.

➤ Features

- Complies with the IEEE 802.11ac Wave2 Wi-Fi standard.
- Simultaneous 1300Mbps on 5GHz and 600Mbps on 2.4GHz for a total
  of 1900Mbps.
- MU-MIMO technology allows to transfer data to multiple devices at the
  same time.
- USB3.0 supports to share your files easily and charge your other devices.
- Five external 5dBi fixed antennas is perfect for long-distance wireless
  transmission.
- Beamforming technology improves directional signal transmission,
  improving the bandwidth efficiency.
- Full gigabit ports offer larger capability for data forwarding via
  cable connection
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA-PSK/WPA2-PSK security.
- Connects to a secure network easily by using WPS.
- QoS: Bandwidth Control based on IP address.
- Supports IP/Port filtering, MAC filtering, URL filtering and Port Forwarding.
- Universal Repeater and WDS function for easy Wi-Fi extension.
- Multi-SSID function enables users to create multiple wireless
  networks for different groups.

Selling point

➤ AC1900 Wireless Dual Band Router

Q5 complies with the IEEE802.11ac Wave2 Wi-Fi standard.
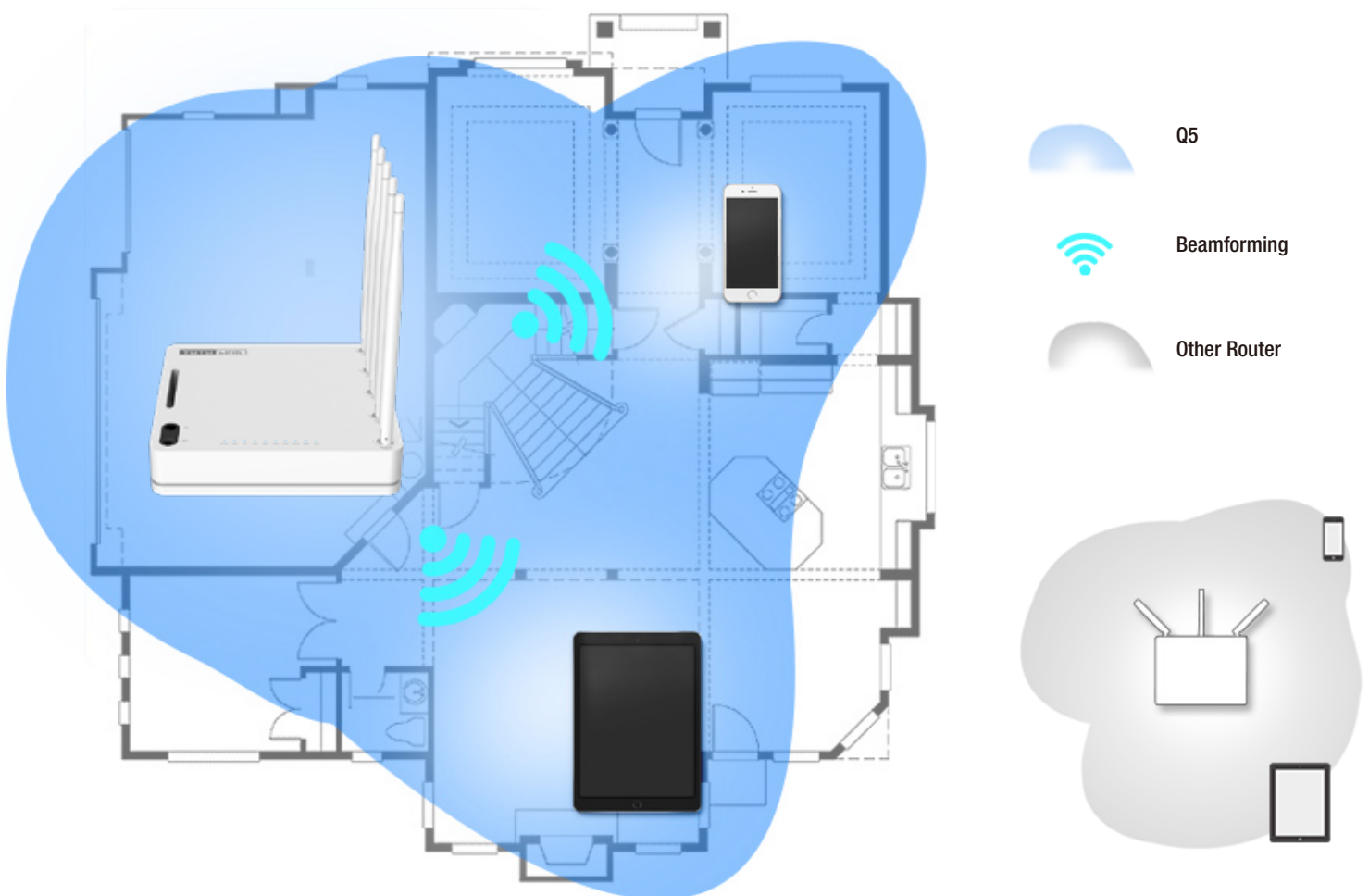It works on 2.4G and 5G simultaneously and delivers speeds
up to 1900Mbps.

5GHz
Less Interference
1300Mbps

2.4GHz
High Compatibility
600Mbps

➤ Wave2 MU-MIMO and Beamforming technology

With the latest Wave2 MU-MIMO and Beamforming technology, Q5 supports to communicate with multiple devices at the same
time and supports to transmit the signal to the wireless connected devices intensively, such as smart phones, tablets and laptops,
thus improving the bandwidth efficiency and the Wi-Fi experience.

Q5

Beamforming

Other Router

Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports
	- 1 *1000Mbps WAN Port
	- USB 3.0
	- DC Power Port
Power Supply	- 12V DC/2A
Antenna	- 5 * 5dBi fixed antennas
Button	- 1 * RST, 1* WPS
LED Indicators	- 1 *CPU,1*Power, 1 *2.4GWireless, 1*5GWireless, 4 *LAN, 1*WAN, 1*USB 3.0
Dimensions (L x W x H)	- 174 X 165 X 36mm (not including antennas)

Wireless

Standards	- IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
RF Frequency	- 2.4~2.4835GHz
	- 5.18~5.825GHz
Data Rate	- 2.4GHz: Up to 600Mbps
	- 5GHz: Up to 1300Mbps
EIRP	- 2.4GHz < 20dBm
	- 5GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Reception Sensitivity	- 2.4G: 11b 11M : - 81dBm@8% PER
	11g 54M : - 68dBm@10% PER
	11n HT20 MCS7 : - 65dBm@10% PER
	HT40 MCS7 : - 62dBm@10% PER
	- 5G: 11a 54M : - 68dBm@10% PER
	11n HT20 MCS7 : - 65dBm@10% PER
	HT40 MCS7 : - 62dBm@10% PER
	11ac VHT80 MCS9 : - 51dBm@10% PER

Specification

Software

Basic Setting	- Status Summary - Internet Setup - Wireless Setup - Firmware Upgrade
Network	- Internet Setup - LAN Setup - DHCP Server Setup
Wireless	- Wireless Setup - Wireless Multi-bridge - MAC Authentication
NAT/Routing	- Port Forwarding / Advanced NAT Setup / Routing Table
Firewall	- Firewall / Manage Access List
Utility	- VPN Setup / DDNS / WOL / Host Scan / Notice/ IPTV
Traffic	- QoS Setup / Connection Info / Connection Control / Wired Port Setup / Switch Setup
System	- System Log - Admin Setup - Firmware Upgrade - Misc Setup
USB/Service	- Device Management - Service Setup

Others

Package Contents	- Q5 Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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