

1800Mbps WiFi6 11AX Dual Band Gigabit Wireless Router

Product description

This product uses Qualcomm (IPQ6000) Quad ARM Cortex A53 at 1.2GHz 64-bit ISA v8 powerful 4-core CPU processor. Equipped with 256MB DDR3 high-speed memory, providing powerful data forwarding and processing capabilities. It has the characteristics of high bandwidth, high access, low delay, and low power consumption. Support 802.11AX wireless technology, provide 1800M wireless transmission rate, support Easy Mesh networking, 4 high-gain dual-polarized antennas, stronger signal and wider coverage.

Features

- **High rate:** using 1024-QAM high-order modulation, dual-frequency concurrent wireless rate up to 1800Mbps;
- **Low latency:** Support OFDMA technology, bid farewell to waiting, latency can be reduced by 2/3 compared with traditional WiFi5 routers;
- **Large capacity:** support MU-MIMO technology, allowing more devices to transmit at the same time;
- **Strong security:** support WPA3 encryption technology, improve encryption strength, prevent brute force attacks, and improve connection security;
- **Easy networking:** support Mesh one-key technology intelligent networking, plug and connect, to achieve signal coverage throughout the house;
- **IP V6:** Supports IPV6 technology, has a larger address space, and improves the forwarding efficiency of WiFi6 routers.

Specifications

Chipset Model No.	Qualcomm IPQ6000+QCN5021+QCN5052
System architecture	OPEN WRT
PA	QOVOR QPF4555-B*2 (5G)
DDR3	256MB
FLASH	128MB
Antenna	4 Root extraposition 5dBi High gain antenna
Interface	3 pieces LAN 10/100 / 1000M self-adapted RJ45 interface 1 pieces WAN 10/100 / 1000M self-adapted RJ45 interface
Wireless interface	2.4GHz 802.11ax(2x2) 5GHz 802.11ax (2x2)
Wireless speed rate	2.4GHz: 600Mbps 5GHz: 1200Mbps
Bandwidth	2.4GHz: 20/40MHz; 5GHz: 20/40/80MHz
Mesh quantity	Support 1 host, 4 slaves
Wireless Standard	Support IEEE802.11b / g / n, IEEE802.11ac, IEEE802.11ax wireless contact standard
Protocol stack	Support IPV6/IPV4 dual stack
Equipment size	190mm(L)×130mm(W)×26mm(H)
Environmental requirements	Working environment: 0 °C ~ 60 °C ; 10% ~ 85% without condensation
	Storage environment: -40°C ~ 80°C; 5% ~ 95% non-condensing
Adapter	12V/1A DC

Equipment pictures



