**1800Mbps
WiFi6 11AX
Dual Band Gigabit Wireless Router**

Specification

Mode: ZBT-Z600AX-B/C
Description: Dualband Wifi 6 Mesh Router
Version: V1.0

Version	Date	History versions	Author
V1.0	2021-3-16	First Version	Mr.Hu

Z600AX-B

Pictures

Z600AX-C

Product description

    This Wifi 6 router adopts　(Qualcomm IPQ6000)　Quad ARM Cortex A53 at 1.2GHz CPU Processor. Equipped with 256MB DDR3 high-speed memory. It provides powerful data forwarding and processing capabilities, with the characteristics of high bandwidth, high access, low delay and low power consumption. Supporting 802.11ax wireless technology. Provide 1800m wireless

transmission rate, supporting easy Mesh networking, four high gain dual polarized antennas, stronger signal and wider coverage.

Features

- **High Speed**：Adopting 1024-qam high-order modulation, dual band concurrent wireless rate up to 1800mbps;
- **Low Delay**：Supporting OFDMA technology, bid farewell to waiting, delay can reduce 2 / 3 compared with traditional WiFi 5 router;
- **High Capacity**：Supporting MU-MIMO technology, allowing more devices to transmit at the same time;
- **Strong Security**：Supporting WPA3 encryption technology, improve encryption strength, prevent violent attacks, improve connection security;
- **Easy networking**：Supporting mesh one click technology, intelligent networking, plug and play, realize the whole house signal coverage;
- **I P V6**：Supporting IPv6 technology, with larger address space, improve the forwarding efficiency of WiFi 6 router.

Specifications

Chipsets	Qualcomm IPQ6000+QCN5022+QCN5052
System architecture	OPEN WRT Open architecture
PA	2.4G&5.8G with PA Chipset.
DDR3	256MB
FLASH	128MB

Antennas	4pcs*external 5dBi High-Gain antennas
LAN	3*10/100/1000M RJ45 Ethernet Ports(Auto MDI/MDIX)
WAN	1*10/100/1000M RJ45 Ethernet Port(Auto MDI/MDIX)
Wifi interface	2.4GHz 802.11ax(2x2)　　　5GHz 802.11ax (2x2)
Wireless speed	2.4GHz: 600Mbps　　　　5GHz: 1200Mbps
Wireless band	2.4GHz: 20/40MHz;　　　5GHz: 20/40/80MHz
Mesh user	Support 1*main host, 4*sub host
Protocal Standard	Support IEEE802.11b/g/n, IEEE802.11ac, IEEE802.11ax Wireless access standard
Protocol stack	Support IPV6/IPV4 dual stack
Management configuration	Web, TELNET etc. Multiple management methods
Size	220mm(L)×171mm(W)×47.5mm(H)
Temperature	Operating: 0℃～60℃；10%～85% non-condensing
	Store：-40℃～80℃；5%～95% non-condensing
Power adapter	12V/1A