

CR6300-R980

**AX3000**

**Dual Band Gigabit**

**Wi-Fi 6 Mesh Router**





**CR6300-R980 Wi-Fi 6 Mesh Router** is a new generation SOHO high-performance Wi-Fi 6 router. It adopts an Realtek chip, has 2.4GHz 2x2 and 5GHz 2x2 omnidirectional multi-band high-gain antennas.

The CR6300-R980 is a gigabit Wi-Fi 6 router designed for home users looking for a performance experience. Mesh networking is supported, which can easily solve the problem of Wi-Fi coverage of oversized houses. Both dual-band support Wi-Fi 6(IEEE 802.11ax) technology, concurrent speed up to 3000Mbps (5GHz: 2402Mbps, 2.4GHz: 574Mbps), at the same time equipped with 7dbi high-gain antenna, Wi-Fi through the wall stronger, longer transmission distance. OFDMA+MU-MIMO technology is adopted to meet the needs of more devices to access the Internet at the same time, which significantly improves the transmission efficiency and greatly reduces the delay.

# Main Features



**Dual-band WiFi**



**IPv6**



**WAN/LAN Adaptive**



**Terminal Management**



**Mesh**



**Port Forwarding**



**WEB UI 3.0**



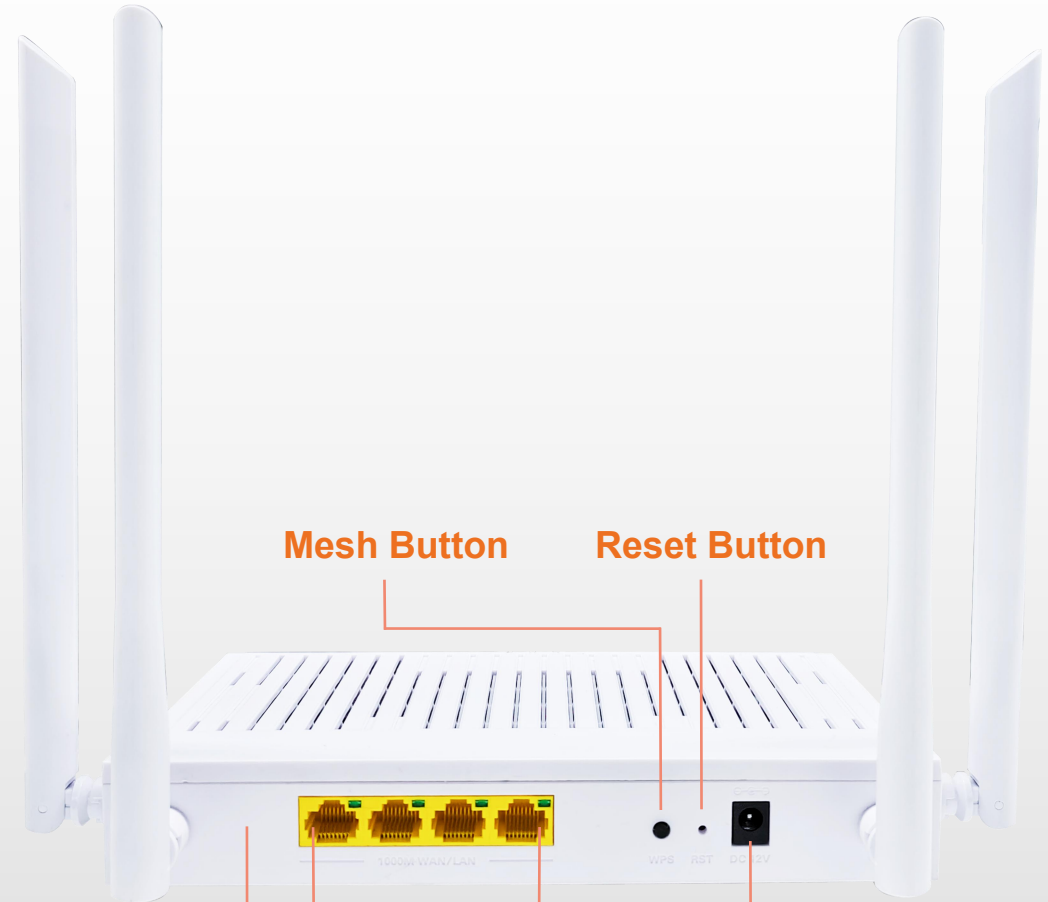
**Guest Wi-Fi**



PWR/INT

Wi-Fi

Mesh



Mesh Button

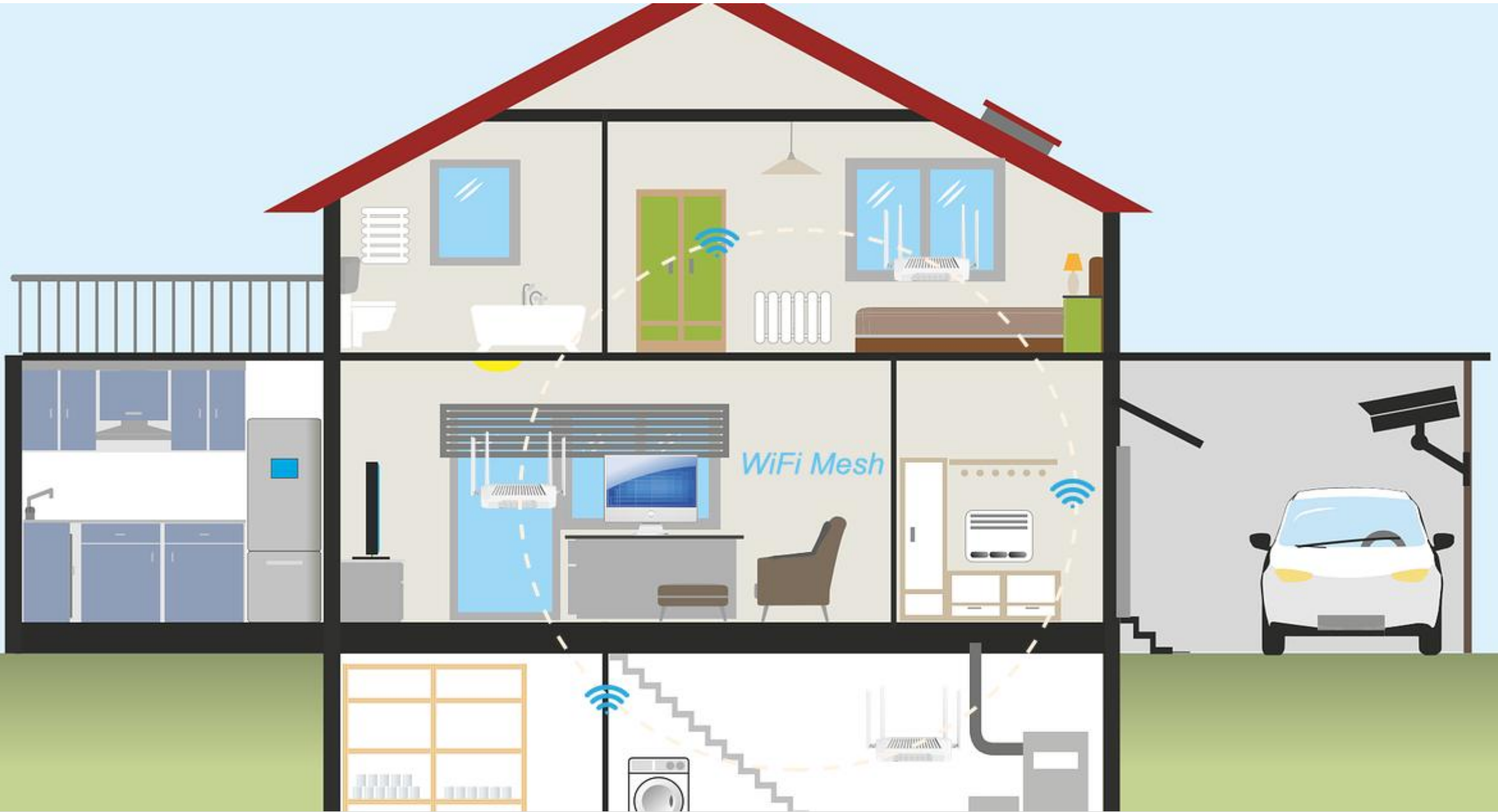
Reset Button

USB2.0(Optional)

4 WAN/LAN

PWR

# Application Scenario



# Hardware Features



Name	AX3000 Wireless Router	
Model	CR6300-R980	
Chip	RTL8198D+RTL8832CR+RTL8192XBR	
Memory /Storage	2Gb/1Gb	
Wi-Fi Antennas	2×2.4GHz 2×5GHz External 7dBi Gain	
Protocol	IEEE 802.11a/b/g/n/ac/ax	
Wi-Fi Speed	2.4G Wi-Fi (Speed 574Mbps) 5G Wi-Fi (Speed 2402Mbps)	
LED	Power/INT	Green: Successfully connected to the network Blinking:Power is normal but the network connection fails Off: Power off
	Wi-Fi	Green: Wi-Fi up Off: Wi-Fi down
	Mesh	Green:Successful Mesh networking Blinking:Building a Mesh network Off:The Mesh network is not formed

Interface	WAN/LAN	4 RJ45 ports ,10/100/1000Mbps
	Mesh/WPS	Button
	Reset	Button
Transmit Power	USB 2.0	Optional
	2.4G	22dBm (Not included antennas)
	5G	21dBm (Not included antennas)
Power Supply		DC12V/1.5A Adapter
Power Consumption		<24W
Dimension		
Operating Temperature -10 ~ 50℃		
Storage Temperature		-30 ~ 70℃

# Software Features



IP Protocols	IPv4/IPv6	Guest Wi-Fi	2.4G/5G Guest SSID
Wi-Fi6 Tech	Long OFDM Symbol OFDMA DL/UL MU-MIMO TWT BSS Coloring WPA3	Management	WEB, TR-069, CMS
WAN Mode	Dynamic IP Static IP PPPoE	Network Settings	Local Area Network (LAN) Settings Wide Area Network (WAN) Port Settings
Security	Firewall Port Mapping DMZ ALG Terminal Management Parental Control	Mesh	EasyMesh
System Service	Network Time Software Upgrade Backup and Restore System Logs		

Product Model	Product Description
CR6300-R980	4*10/100/1000Base-Tx Ethernet WAN/LAN port, external 4*7dBi antennas, support 2.4GHz/5GHz dual frequency, support IEEE 802.11 a/b/g/n/ac/ax protocol, wireless transmission rate 3000Mbps, 12VDC/1.5A power supply. Housing color: White / Black(optional).

## Contact Us

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