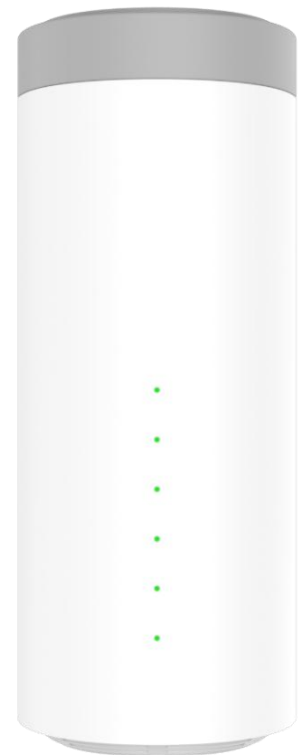# 5G Mobile Tri-Band Wireless Wi-Fi 7 Mesh Router

Model: Q6000

Description

YUNCORE® Q6000 is a high-performance, high-speed 5G wireless router delivering tri-band 11Gbps wireless service (2.4GHz + 5GHz + 6GHz) for reduced interference and enhanced connection stability.

Features

- Omni-directional High-Gain Antenna: 360° reception for 5G signals, ensuring enhanced internet stability.
- Tri-Network Compatibility: Supports China Telecom 5G/4G, China Mobile 5G/4G, and China Unicom 5G/4G networks.
- Hardware Watchdog Function: Enables maintenance-free operation with automatic 5G disconnection detection.
- Dual-Band Priority & Guest Wi-Fi: Optimized dual-band connectivity with dedicated guest network access.
- Multi-Platform Remote Management: Cloud platform, mobile APP, and remote management support.
- Data Usage Control: Real-time traffic monitoring and quota settings to prevent overage charges.
- Custom Software Development: Supports tailored software solutions.
- Support MESH Networek.

Specification	
2.4GHz Band	2.4GHz ~ 2.484GHz
2.4GHz Wi Fi Standard	802.11 b / g / n / ax / be
5GHz Band	5.150GHz ~ 5.850GHz
5GHz Wi Fi Standard	802.11 a / n / ac / ax /be
6GHz Band	5.925GHz ~ 7.125GHz
6GHz Wi Fi Standard	802.11 a / n / ac / ax / be
WiFi Antennas	2× built-in 2.4GHz antennas (5dBi gain) + 4× built-in 5GHz/6GHz antennas (5dBi gain)
4G Antennas	4 × built-in 4G antennas

Wireless Speed	2.4GHz: 574Mbps,　5GHz: 4323Mbps,　6GHz: 5764Mbps
Device Capacity	192
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<22±2dBm
6GHz Tx Power	<22±2dBm
Interfaces	1x 10 Gigabit Fiber (SFP+) WAN Port 2× 2.5Gbps LAN ports 1× USB2.0 SIM Slot: Micro-SIM 5G Module: SA/NSA
Button	1× Reset 1× MESH 1× Power switch
LED	SYS; WiFi; Internet; 5G Signal×3; WAN; LAN
Power Supply	DC 12V/3A
Power Consumption	<30W
Dimensions (L×W×H)	199.2mm×130.7mm×78.8mm
Net Weight	0.889kg
Work Environment	Working Temperature: -10℃ to 40℃; Storage Temperature: -40℃ to 70℃; Humidity: 5% ~ 95% (Non-Condensing)

Software Features	
Status	Host Model , Firmware Version , Uptime,　Average LoadWireless Network, 4G/5G Status, Resource Usage,　LAN/WAN Info
Supported Modes	Main Router Mode: Connects to WAN via Static IP/DHCP/PPPoE or 4G/5G dial-up for internet access. Sub-Router Mode: Joins LAN through Easy-Mesh connection and routes traffic via the main router.

Wireless Settings	SSID Broadcast
	Dual frequency integration
	Visitor WiFi
	Hide SSID function
	Wireless encryption: OPEN, WPA/WPA2PSK-TKIPIES, WPA3PSK-AES
	Password setting
	Bandwidth settings
	Regional settings
	Channel settings
	Power setting
Network Setting	IPv4
	IPv6
	DHCP
	Mesh setting
	ACL
Advanced Settings	Terminal Management
	website filtering
	IP address filtering
	mac address filtering
	IP address group management
	Time group management
	Flow control settings
	Port Mapping
	DMZ setting
	DDNS settings
	VPN
	cloud platform
	TR069
Device Management	Firmware Upgrade
	configuration management
	Device restart
	time management
	System settings
	LED settings
	USB settings