

Wi-Fi 6 Dual-Band Wireless Mesh Router

Model: R3000

Description

YUNCORE®R3000 is a high-performance wireless router delivering dual-band 3000Mbps wireless service (2.4GHz + 5GHz) for reduced interference and enhanced connection stability.

Features

- Multi-Management Platform Support: Remote management, cloud platform control, and mobile APP administration.
- Custom Software Development: Supports tailored software solutions.
- Dual-Band Mesh Networking: Enables seamless whole-home WiFi coverage with guest network support.
- USB2.0 port



Specification	
2.4GHz Band	2.4GHz ~ 2.484GHz
2.4GHz Wi Fi Standard	802.11 b / g / n / ax
5GHz Band	5.150GHz ~ 5.850GHz
5GHz Wi Fi Standard	802.11 a / n / ac / ax
WiFi Antennas	2 × built-in 2.4GHz antennas (3dBi gain) + 2 × built-in 5GHz antennas (3dBi gain)
Wireless Speed	2.4GHz: 574Mbps, 5GHz: 2402Mbps
Device Capacity	192
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<24±2dBm
Interfaces	1× 10/100/1000Mbps WAN port 3× 10/100/1000Mbps LAN ports 1× USB2.0
Button	1× Reset 1× MESH
LED	SYS, WiFi, INTERNET, Signal×3

Power Supply	DC 12V/3A
Power Consumption	< 25W
Dimensions (L×W×H)	199.2mm×130.7mm×78.8mm
Net Weight	0.82kg
Work Environment	Working Temperature: -10°C to 40°C Storage Temperature: -40°C to 70°C Humidity: 5% ~ 95% (Non-Condensing)

Software Features	
Status	Host Model , Firmware Version , Uptime, Average LoadWireless Network, Resource Usage, LAN/WAN Info
Supported Modes	Main Router Mode: Connects to WAN via Static IP/DHCP/PPPoE 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-TKIP/IES, 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

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	DDNS settings VPN cloud platform TR069
Device Management	Firmware Upgrade configuration management Device restart time management System settings LED settings USB settings