

WiFi-6 AX3000M Mesh Router

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Variants

PK964M (Q30)

Details

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Overview

The WiFi-6 AX3000M Mesh Router PK964M (Q30) is a high-performance wireless networking solution designed to deliver fast, stable, and wide-range connectivity for homes, offices, and smart environments. With next-generation WiFi 6 technology, it supports combined wireless speeds up to 3Gbps, providing smooth performance for gaming, streaming, video conferencing, and heavy data transfer.

Equipped with OFDMA, MU-MIMO, Beamforming, and Intelligent Roaming, this router improves multi-device connectivity and reduces latency. It also supports Easy Mesh, TR069, IPTV VLAN, and IPv4/IPv6 dual stack, making it suitable for modern broadband and mesh networking deployments.

Key Features

Feature	Details
WiFi Standard	WiFi 6 (802.11ax)
Total Speed	Up to 3 Gbps
Wireless Rate	2.4GHz: 574 Mbps / 5GHz: 2402 Mbps
Technology	1024-QAM, OFDMA, DL/UL MU-MIMO
CPU	Dual-Core 1.3 GHz
Bandwidth	2.4GHz: 20/40MHz / 5GHz: 20/40/80/160MHz
Power Saving	Target Wake Time (TWT)
Mesh Support	Mesh, Easy Mesh, Intelligent Roaming

Additional Support	TR069, IPTV VLAN, IPv4 / IPv6 Dual Stack, Beamforming
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Technical Specification

Parameter	Specification
Chipset	MT7981B + MT7976CN + MT7531AE
Flash	128 MB
Memory	256 MB DDR3
Wireless Rate	2.4 GHz: 574 Mbps @ 2x2 WiFi 6 5 GHz: 2402 Mbps @ 3x3 WiFi 6
Antenna	5 x 5 dBi External Antennas
Interface	1 x GE WAN + 3 x GE LAN
Button	1 x MESH / RESET
Indicator	Red / Blue
WiFi Agreement	IEEE 802.11 b/g/n/ac/ax
MIMO	MU-MIMO
Work Mode	Routing Mode, AP Mode
Management	Web Management
Status Monitoring	System State, Interface State, Routing Table
Wireless Configuration	Basic WiFi Settings / Blacklist
Network Settings	LAN / WAN Address and Working Mode
System Functions	Password Change / Backup / Upgrade / Restart
Setup Wizard	Quick Configuration Wizard
MTBF	> 30,000 Hours
Power Consumption	? 12W

Working Temperature	0°C to +40°C
Storage Temperature	-40°C to +70°C
Working Humidity	10% ~ 95%, Non-condensing
Storage Humidity	5% ~ 95%, Non-condensing
Power Adapter	DC 12V / 1A

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