

M630

WiFi6 AX3000 Giga Wireless Mesh Router

Overview

M630 is an AX3000M WiFi6 MESH networking router, the chip is MediaTek solution , can meet the growing mobile terminal and IOT node access needs, can greatly improve the user's wireless Internet access experience. MESH networking, multi-node cascade, startup automatically associated to cover the needs of large family users for wireless network. Provide up to gigabit level of aerial optical fiber access capability to meet the transmission bandwidth requirements of VR / AR / 4 GK / 8K online video streaming.



Features

- 1x 10/100M/1000M/2500M (optional), Ethernet (WAN) interface
- 2x 10/100M/1000M Ethernet (LAN) interfaces, and support automatic MDI / MDIX
- Support 2.4G and 5G double frequency segment, support automatic adjustment of wireless transmission rate
- Support for 64/128-bit WEP encryption, WPA-PSK, WPA 2-PSK, WPA / WPA 2-PSK, WPA3-SAE,WPA2-PSK/WPA 3-SAE encryption and security mechanism, can ensure the security of the data transmitted in the wireless network
- Support MESH package, factory automatic networking, support wired, wireless, hybrid networking
- Built-in network address conversion (NAT) function
- Support for the WEB software upgrade
- Support for Web management, and a simple installation wizard
- Support relay function
- support DMZ
- Support for the client management function

Specification

Hardware Performance	
Chipset	MT7981BA+MT7976CN+MT7531AE
Interface	1x 10/100/1000/2500M WAN port and supports Auto MDI / MDIX 2x 10/100/1000M LAN ports that support Auto MDI / MDIX
Button	Reset / Mesh (long press 5s reset, short press 1s WPS)
LED	1x Green/Red/Blue Status
Antenna	5x Internal Omnidirectional 5 dbi gain non-removable antenna
Power	DC 12V/1A
Wireless	
Basic function	Wireless enable / disable SSID broadcast enable / disable Channel selection: 1 ~ 13 (2.4G) 36 ~ 48 + 52~64+149 ~ 165 (5GHz) 2.4G bandwidth: 20MHz ,40MHz

	5G bandwidth: 20MHz ,40MHz ,80MHz,160MHz
Frequency	2412~2472M Hz 5180~5240MHz、5250~5350MHz、5745MHz~5825MHz
ThroughPut	The 2T2R is up to 3000Mbps
RF Power	2.4G Power: 802.11b 2 2 ±1.5dBm 802.11g 21±1.5dBm 802.11n20 19±1.5dBm 802.11n40 19±1.5dBm 802.11ac40 17.5±1.5dBm 802.11ax40 17.5±1.5dBm 5G Power: 802.11a 19±1.5dBm 802.11n20 18.5±1.5dBm 802.11n40 18.5±1.5dBm 802.11ac80 17.5±1.5dBm 802.11ax80 16.5±1.5dBm 802.11ax160 16.5±1.5dBm
Mode	Router,Ap,WISP,Client+AP
Wireless security	Wireless MAC address filtering WPA-PSK, WPA2-PSK, WPA3 -SAE, WPA/WPA2-PSK, WPA2- PSK/ WPA3 - SAE WPS (PBC)
Wireless Functions	Wireless host status display Wireless site scan Seamless roaming between nodes Seamless roaming between frequency bands
WiFi Setting	Wi-Fi basic settings (dual frequency integration, switch, wireless mode, SSID, PWD, encryption algorithm, channel, bandwidth, power adjustment) Advanced Settings (Wireless Client Isolation, 802.11h, WMM Multimedia Acceleration) Multi- SSID (SSID, encryption method, PWD, encryption algorithm)
Mesh	Mesh Switch Role selection Networking mode Mesh-TOP

Software	
Network status	<p>System status view:</p> <p>Device information (power-up time, system time, software version, hardware version) WAN dialing information, LAN status, WIFI information, IPv6 information, Mesh node information</p> <p>Mesh node information:</p> <p>Mesh networking node information, Mesh networking tutorial tips</p> <p>Client information:</p> <p>Support can directly pull the client into the blacklist</p> <p>Wifi information:</p> <p>Can directly jump to configure the wifi information</p> <p>Real-time speed display, WAN IP address display, software version information</p>
Network settings	<p>Support for WAN port connection type:</p> <p>PPPoE, dynamic IP, and static IP</p> <p>MAC address clone, IPTV settings</p>
LAN Settings	<p>DHCP server settings</p> <p>Manage IP settings</p>
Firewall	<p>Port mapping, DDNS, DMZ, WAN prevention PING, remote WEB management</p>
Parents control	<p>Online device display</p> <p>Online time</p> <p>Limited Internet time period</p> <p>URL filtering configuration</p>
Advanced setup	<p>Working mode, Bandwidth control, Sleep mode, LED control, Filter MAC address, Firewall, Static routing, DDNS, Virtual server, DMZ host, UPnP, TR 069 setting</p>
System management	<p>System status, time setting, password management, configuration management, and firmware upgrade</p>
System Tool	<p>Traffic Statistics</p> <p>System log</p> <p>Time zone setting</p> <p>Local WEB management control configuration</p> <p>File import and export</p> <p>Web software upgrade</p>
Others	
size	108x108x216mm

Environment	Operating temperature: 0°C to 40°C Storage temperature: -40°C to 70°C Working humidity: 10% to 90% RH does not condense Storage humidity: 5% to 90% RH not condensing
Packing Quantity	20Pcs/box



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