AX3000 Mbps
WIRELESS ROUTER

PRODUCT OVERVIEW

MWE1024X5 Wi-Fi 6 full Gigabit dual-band router using mediatek chip（MT7981BA+MT7976CN+MT7531AE）program is a 2.4G/5.8G 11AX dual-band wireless router, supporting 3000Mbps (573Mbps+2402Mbps), dual-band concurrent, dualcore intelligent scheduling, division of labor coordination, effective load reduction, Safe guarding multiple cards。

PRODUCT FEATURES

- MT7981 dual-core 1.3GHz CPU.
- 4 GE port for Lan/Wan
- Customer Managemet WebUI or Phone UI.
- Concurrent dual-band wireless for connections up to 3000 Mbps
- Dual-band（2.4GHZ and 5GHz）MIMO 802.11 a/b/g/n/ac/ax RF
- 20/40/80/160MHz bandwidth
- 3X3 MIMO A-band + 2X2 MIMO G-band
- More bandwidth to support the barrage of data transmissions from all your smart home and IoT devices – without affecting data-intensive applications like 4K streaming and VR gaming

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PRODUCT SPECIFICATION

Model	MWE1024X5

HARDWARE SPECIFICATION

Interface	WAN Port:	1 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port
	LAN Port:	3 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port (LAN1~3)
Antenna	Gain	2x5dBi 2.4G external antenna
		2x5dBi 5G external antenna
Antenna frequecy	2.4G/5G	
Button	1 x Reset/WPS button	
LED Indicators	4 LED(GPIO Mode), Power,2.4G,5G,LAN 1, LAN 2, LAN 3	
Chipset	MT7981BA+MT7976CN+MT7531AE	
Flash / DDR	128MB/256MB	
Material	Plastic	
Dimensions (W x D x H)	187*116*29 mm (W x D x H)	
Working Environment	Working temperature:-30--50℃, Working humidity: 10%-90%RH, Storage temperature:-40--70℃, Storage humidity: 5%-90%RH	
Power Requirement	12V DC, 1.5A	
Power Button	Support	
Protocol Standard	IEEE802.11 ax/ac/n/a/b/g	
USB	USB2.0	

SOFTWARE SPECIFICATION

Work mode	Router/Bridge/repeate
Network Setting	STATIC/DHCP/PPPOE/VPN
IPV6/IPV4	IPv6v4 dual stack Ipv6 only Ipv4 only
VPN	Support PPTP/L2TP/IPSEC Service Support PPTP/L2TP/IPSEC Client

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DHCP Server	DHCP Server Client List Static Address allocation
System	Openwrt
Sercurity Setting	Client Filter Mac Filter URL Filter Sercurity Level Port forwarding DMZ Service Upnp Service ALG setting
DDNS	Support
System Log	Support
Web Browser	Phone web/PC web
Mesh	Easy Mesh Mesh topology Map
IPTV	Support
Wireless security	WPA-PSK/WPA2-PSK/WPA3 SSID hiding, intelligent anti-scratch
Lan	Lan Setting
QOS	Support
Smart QOS	Support
WPS	Support
Parental Control	Support
Quick start guide	Support

PACKING LIST

Wireless Gateway	1 No
Power Supply adapter	1 No
Ethernet cable	1 No

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