

## MX6023A-ME8

### Tri-Band Outdoor WiFi6 High Performance Wireless Access Point

#### Description

MX6023A-ME8 Tri-Band Outdoor WiFi6 High Performance Wireless Access Point is an outdoor high-speed wireless access device that supports IEEE 802.11 a, b, g, n, ac, ax tri-band concurrently, using 4x4 MIMO technology, the transmission rate can reach 6573Mbps. equipment adopt 10/100/1000Mbps/2.5Gbps Ethernet port upstream ensures wireless high-speed transmission, POE remote power supply makes network deployment easier.



It adopts the highest IP67 waterproof level, supports fully enclosed waterproof, moisture-proof, dust-proof, fire-proof, sunshine-proof and other functions, can be used normally in extremely harsh outdoor conditions, and can effectively avoid adverse weather and environmental impact, whether it's in the humid south or the cold north. It also supports point-to-point and point-to-multipoint relay bridge functions, improving the feasibility of outdoor networking.

#### Specification

CHIP	Qualcomm IPQ6010		
STORAGE	512MB DDR4		
	32MB NOR Flash		
	256MB NAND		
	Flash		
STANDARD PROTOCOL	IEEE 802.11 a, b, g, n, ac, ax		
SPATIAL FLOW	2.4GHz: 2x2:2	5GHz1: 2x2:2	5GHz2: 4x4:4
RATE	802.11ax (2.4GHz): 573.5Mbps	802.11ax (5GHz1): 1200Mbps	802.11ax (5GHz2): 4800Mbps
BANDWIDTH	2.4GHz: 20/40 MHz	5GHz1: 20/40/80 MHz	5GHz2: 20/40/80/160 MHz

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Link Of Your Think

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COUNTRIES AND REGIONS FREQUENCY RANGE AND WORKING CHANNEL	Taiwan, CN 2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8channels 5.500 – 5.720 GHz;12 channels 5.745 – 5.825 GHz; 5channels	USA 2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels 5.745 – 5.825 GHz; 5 channels	
	EU 2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.700 GHz; 11 channels	China 2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.745 – 5.825 GHz; 5 channels	
	Japan 2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels	India 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels 5.745 – 5.865 GHz; 7 channels	
	*The working channel depends on the configured regulatory domain.		
MODULATION TECHNOLOGY	DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM) OFDMA (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM)		
MAXIMUM OUTPUT POWER	2.4GHz: 23dBm (Single Chain)	5GHz1: 23dBm (Single Chain)	5GHz2: 23dBm (Single Chain)
	*Maximum power settings are varied by channel and Country/Region's regulations.		
SENSITIVITY	-82dBm (Min.)		
	2.4GHz: HT20: -82dBm/HT40: -79dBm	5GHz: VHT20: -82dBm/ VHT40: -79dBm/ VHT80: -76dBm	
CONNECTOR	2xRJ45 support 10/100/1000Mbps/2.5Gbps		
ENVIRONMENTAL SPECIFICATIONS	Storage Temperature: -45 ~ 70 °C/-49 ~ 158°F Humidity: 5 ~ 95%	Operation Temperature: -45 ~ 55 °C/-49 ~ 131°F Humidity: 5 ~ 95% (non-condensing)	
POWER SUPPLY	Power consumption ≤ 35W USB connection device ≤ 40W	power input WAN: PoE+ (802.3bt)	
BLUETOOTH	Version 5.0	Frequency 2400 ~ 2480MHz	

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COMPLIANCE	IEC/EN 62368-1 EN55032 & EN55024 WEEE & RoHS IEEE Standard: IEEE 802.11a/b/g/n/ac/ax IEEE 802.11d, e, h, i, j, k, r, u, v time stamp, w, and z standards multimedia: Wi-Fi Multimedia (WMM) Safety: open system 802.1x WPA-PSK/WPA2-PSK WPA-Enterprise/WPA2-Enterprise/WPA3 Extensible Authentication Protocol (EAP) type: EAP-Transport Layer Security (TLS) EAP-Tunneled TLS (TTLS) Protected EAP (PEAP) EAP-Subscriber Identity Module (SIM)
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#### Dimensions



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