

MAKSAT



High-performance, High-Speed 802.11ax Dual-Band Access Point

802.11ax

Easing Wi-Fi congestion in dense environments



expands capacity

extends coverage

enhances experiences

Transportation Hubs

High-Rise
Apartments

Public
Venues

Enterprises

Urban Areas

Universities

Homes





High-performance High-Speed 802.11ax Dual-Band Access Point

Maksat AX AP has high-performance, high-speed 11ax dual-band AP, for provide 2.4G and 5G dual-band wireless services.

Product Features

- It has better transmission quality, higher transmission rate, and maximum concurrent rate can reach 1800Mbps.
- The Qualcomm chip is adopted, which greatly expands the user capacity and can support 200+ users.
- The heat dissipation design for the motherboard and main components is the best idea for heat dissipation.
- The use of dedicated TVS protection devices improves the product's stability in harsh environments.
- The basic software is open software, which enhances scalability and compatibility.



Specification	
CPU	Qualcomm
2.4 G RF	2.4G*2
5 G RF	5G *2
2.4G Frequency	2.4GHz – 2.484GHz
2.4G WIFI Protocol	802.11 b / g / n / ac / ax
5G Frequency	5.150GHz~5.850GHz
5G WIFI Protocol	802.11 a / n / ac / ax
Through Put	5G: 1200Mbps 2.4G:600Mbps
Client support	200+ client
WAN Port	1*10/100/1000/2500M Port support POE (IEEE802.3at+)
LAN port	1*10/100/1000/2500M networking
Reset button	Reset Button
DC 2.0	12V 2A
POE	AT+
LED indication	WAN*1, LAN*1, Multiple color (system *1, 5G WIFI *1 , 2.4G WIFI*1)
Power consumption	< 24W
Operation Temperature	Working temp: -20°C to 45°C ; Storage Temp: 0°C to 70°C ; Humidity : 5%~95%



2.4GTx Power	802.11b	11M	22±2dBm	1M	24±2dBm
	802.11g	54M	21±2dBm	6M	23±2dBm
	802.11n HT20	MCS7	20±2dBm	MCS0	22±2dBm
	802.11n HT40	MCS7	19±2dBm	MCS0	21±2dBm
	802.11ac HT40	MCS9	18±2dBm	MCS0	20±2dBm
	802.11ax HT40	MCS11	15±2dBm	MCS0	17±2dBm
5G TX Power	802.11a	54M	21±2dBm	6M	23±2dBm
	802.11n HT20	MCS7	20±2dBm	MCS0	22±2dBm
	802.11n HT40	MCS7	19±2dBm	MCS0	21±2dBm
	802.11ac HT80	MCS9	18±2dBm	MCS0	20±2dBm
	802.11ax HT80	MCS11	17±2dBm	MCS0	19±2dBm
2.4G Receiving sensitivity	802.11b	11M	-85dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac HT40	MCS9	-68dBm	MCS0	-86dBm
	802.11ax HT40	MCS11	-49dBm	MCS0	-67dBm
5G Receiving sensitivity	802.11a	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac HT80	MCS9	-58dBm	MCS0	-85dBm
	802.11ax HT80	MCS11	-46dBm	MCS0	-73dBm

