



Description

XD3200 is an Atheros Chipset high power industrial Ceiling Wireless Access Point with the next generation 802.11ac Wi-Fi standard, combined 1200Mbps Wi-Fi speed over 2.4GHz(300Mbps) and 5GHz(900Mbps), equipped with two Gigabit interfaces. The AP can be used either in L2 or L3 mode of operation. In L3 mode the interfaces can be defined as WAN & LAN. The gigabit interface data rate allows for more than 100 end users to access into XD3200 to enjoy seamless HD movies, streaming, online gaming, wireless Security and other bandwidth-intensive tasks, widely used in schools, hospitals, hotels, offices, and shopping malls.

High Power for more range and stable signal

Designed with two in-lines Power Amplifiers on the PCB board, the power can be set as high as 1000mW of power, 5dBi MIMO high gain antenna, together with Ceiling mount, greatly increases the range with a stable signal for WiFi users.

Power over Ethernet

XD3200 has integrated IEEE802.3at Power over Ethernet (PoE), for easy installation. It can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

Features:

- Comply with IEEE 802.11ac/b/g/n, dual band, 1200Mbps Data Rate 2 x 10/100/1000Mbps Ethernet Interfaces
- 1000mW high power, built in 5dBi MIMO antenna, stronger signal strength, more wireless coverage,
- 16M Flash, 128M DDR2 RAM for large sessions tables for lots of users
- Support IEEE 802.3at PoE standard
- Support SSID broadcasting, Multi SSID up to 4 (2 SSID in 2.4GHz, 2 SSID in 5GHz)
- Support Gateway (PPPOE, static IP, dynamic IP), Wireless AP, Repeater, WISP operation mode
- With function of built in firewall, IP filter, URL filter and MAC filter
- Comply with IEEE 802.3az standard, beam forming technology, RF power adjustment and frequency analyzer for better application in different environment

Kloudspot Management System

With the Kloudspot Management System, settings on the AP can easily be controlled. For example, AP status monitoring changing the IP addresses, ESSID, channel or password, upgrading firmware etc.

SPECIFICATION

Hardware

Chipset:	Atheros QCA9563+QCA9882+QCA8334
Standard:	802.11ac/b/g/n, MIMO technology
Memory:	128MB DDR2 RAM
Flash:	16MB
Interface:	1 * 10/100 /1000Mbps RJ45 WAN Port 1 * 10/100 / 1000Mbps RJ45 LAN Port 1 * Reset button, press 15 seconds to revert to default setting
Antenna:	Built in 5dBi MIMO Antenna
Power consumption :	24V PoE<17W ; 48V PoE<30W
Size:	198mm X 28mm
Weight:	

RF Data

Frequency:	2.4G:802.11b/g/n: 5GHz : 802.11a/n/ac 2.4GHz、5GHz
Country code:	FCC,IC,ETSI,MKK,MKK1, MKK2,MKK3,NCC,RUS, AN,CN
Modulation:	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK
Throughput:	1200 Mbps

Firmware Features:

Operation mode:	Wireless AP, Gateway, WISP, WiFi Repeater
WAN Type:	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
Wireless Security:	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
SSID:	Multiple SSID (2 SSID for 2.4G, 2 SSID for 5.8G)
Firewall:	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols:	IPv4
System Requirements:	Microsoft Windows 10, Windows 8, Windows 7, MAC OS, UNIX or Linux
Environment:	Operating Temperature: 0~40 °C(32 °F~104°F) Storage Temperature: -40~70 °C (-40 °F~158 °F) Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing
Management:	Firmware GUI, Kloudspot Management System

Receive Sensitivity & RF Power

Frequency	Mode	Data Rate	Standard	Result(dBm)			RF Power(±1.0dBm)
				CH1	CH6	CH11	
2.4GHz:							
		1Mbps	≤-83	-99	-99	-99	
	11b	11Mbps	≤-76	-92	-92	-92	29dBm
	11g	6Mbps	≤-85	-95	-95	-95	29dBm
		54Mbps	≤-68	-82	-82	-82	27dBm
	11n HT20	MCS0/8	≤-85	-95	-95	-95	28dBm
		MCS7/15	≤-67	-79	-77	-78	26dBm
	11n HT40	MCS0/8	≤-82	-93	-93	-93	28dBm
		MCS7/15	≤-64	-75	-75	-75	26dBm
5GHz:							
				CH36	CH100	CH149	
		6Mbps	≤-85dBm	-92	-92	-92	23dBm 20dBm
	11a	54Mbps	≤-68dBm	-75	-75	-75	
	11n HT20	MCS0/8	≤-85dBm	-91	-91	-91	23dBm
		MCS7/15	≤-64dBm	-72	-72	-72	20dBm
				CH38	CH110	CH151	
	11n HT40	MCS0/8	≤-82dBm	-88	-88	-88	23dBm
		MCS7/15	≤-61dBm	-70	-70	-70	20dBm
				CH36	CH100	CH149	
	11ac HT20	MCS0	≤-82	-92	-92	-92	23dBm
		MCS8	≤-60	-70	-70	-69	20dBm
				CH38	CH110	CH151	
	11ac HT40	MCS0	≤-79	-90	-89	-89	22dBm
		MCS9	≤-60	-66	-65	-65	19DBM
				CH42	CH106	CH155	
	11ac HT80	MCS0	≤-79	-87	-87	-87	21dBm
		MCS9	≤-54	-62	-61	-61	18dBm