

XD-5200 Router Specifications

Model: XD-5200

Type: Wave2.0 1300Mbps Dual Band Indoor Ceiling AP

FEATURES

- Complies with IEEE 802.11ac/b/g/n, dual band, 1300Mbps Data Rate
- 1*10/100/1000Mbps WAN Port, 1*10/100/1000Mbps LAN Port, faster Ethernet.
- 300mW high power, built in 3dBi MIMO antenna, stronger signal strength, more wireless coverage, 32M Flash, 512M DDR3 RAM
- Supports active IEEE 802.3 at 48V PoE standard
- Supports SSID broadcasting, Multi SSID up to 12 (4 SSID in 2.4GHz, 8 SSID in 5GHz)
- Supports Gateway (PPPOE, static IP, dynamic IP) , Wireless AP, Repeater, WISP operation mode
- Built in firewall, IP filter, URL filter and MAC filter
- Complies with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environments
- Supports DDNS, VPN pass through, Port forwarding and DMZ host
- Supports 64/128-bit WEP security, EAP, 128bit WPA (TKIP/AES) security

DESCRIPTION:

XD5200 is a MU-MIMO 11ac Qualcomm Wi-Fi Chipset with high power supporting Wave2.0 and can be mounted on Ceiling. It combines 1300Mbps Wi-Fi speed over 2 radios: 2.4GHz(400Mbps)+5GHz(900Mbps), equipped with Gigabit WAN & LAN port.

More than 100 end users can access into XD5200 with Gigabit Ethernet for seamless HD movies, streaming, online gaming, wireless security and other bandwidth-intensive tasks, widely.

SPECIFICATIONS

Hardware:

Chipset	Qualcomm IPQ4019+QCA8075
Standard	802.11ac/b/g/n, MIMO technology
Memory	512MB DDR3 RAM
Flash	32MB
Interface	1 * 10/100 /1000Mbps RJ45 WAN Port 1 * 10/100 / 1000Mbps RJ45 LAN Port 1 * Reset button, press 10 seconds to revert to default setting
Antenna	Built in 3dBi MIMO Antenna
Power consumption	48V PoE<30W
Size	198mm X 32mm

Firmware Features:

Operation mode	Wireless AP, Gateway, WISP, Wi-Fi 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 (4 SSID for 2.4G, 8 SSID for 5.8G)
Firewall	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols	IPv4

RF Data

Frequency	2.4G: 802.11b/g/n: 2.4GHz - 2.484GHz 5GHz: 802.11a/n/ac MIMO: 5.150GHz~5.850GHz				
Country code	FCC, IC, ETSI, MKK, MKK1, MKK2, MKK3, NCC, RUSSIAN, CN				
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM, 128-QAM, 256-QAM DSSS = DBPSK, DQPSK, CCK				
Throughput	1300Mbps				
2.4G RF Power (IPQ4019)	802.11b	11M	23±2dBm	1M	25±2dBm
	802.11g	54M	22±2dBm	6M	24±2dBm
	802.11n HT20	MCS7	21±2dBm	MCS0	23±2dBm
	802.11n HT40	MCS7	21±2dBm	MCS0	23±2dBm
5G RF Power (IPQ4019)	802.11a	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11ac HT80	MCS9	17±2dBm	MCS0	19±2dBm
2.4G Receive 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
5G Receive 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
EVM	2.4G EVM: 802.11b: ≤-10 dB; 802.11g: ≤-25 dB; 802.11n: ≤-28dB 5G EVM: 802.11a: ≤-25 dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB				
	PPM	±20ppm			
Max Users	128				

Others:

Package Contents	1300Mbps Dual Band wireless access point, Ethernet Cable
Environment	Operating Temperature: -20~55 °C
	Limit working temperature: -30~70 °C
	Storage Temperature: -40~70 °C
	Humidity: 5%~95% non-condensing
Management	Firmware GUI, Remote Management, WLAN Controller, Cloud Management System

