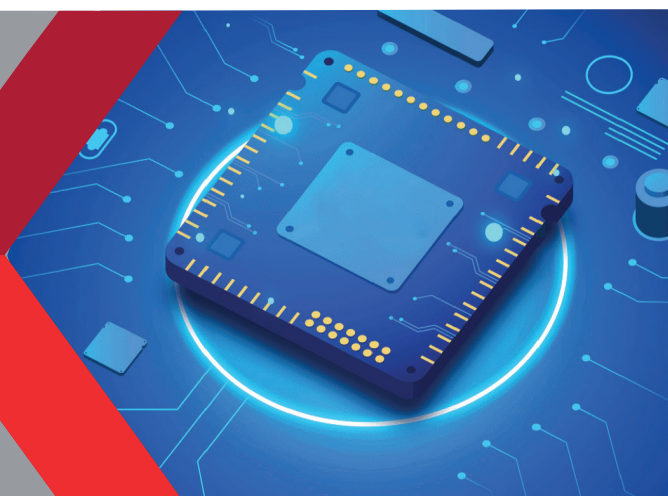


11ax 5400Mbps Outdoor Wireless AP NX-AP5400-06



OVERVIEW

NODEXON NX-AP5400-06 is an 11ax Wi-Fi6 standard high-performance, high-speed Outdoor Wireless AP; Build in omni antenna, 150+ meters distance, equipped with Qualcomm Chipset, it support MU-MIMO, Wave2.0, OFDMA and Seamless Roaming.

Combined 5400Mbps Wi-Fi speed over 2 radios: 2.4GHz(600Mbps 11ax 2*2)+5GHz(4800Mbps 4*4), equipped 2.5G WAN port, support MU-MIMO and DL/UL-OFDMA modulation, it allow more than 256 users to access, the multiple users can upload or download multiple packets at same time, narrower sub-carrier spacing and longer symbol time, improved the stability and data processing efficiency, publicly to be used in high density access environment such as university campus, concert venue, gymnasium, etc.

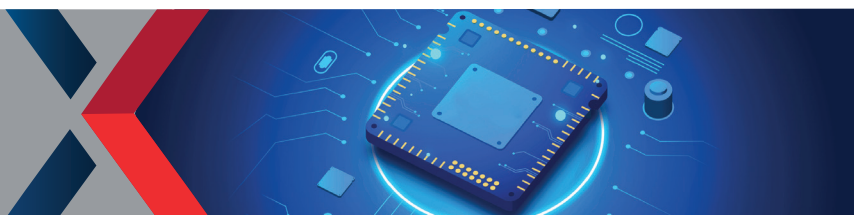
What's more, with IP67 water-proof level, lightning protection, it can install at every place to work as an stable base station for more wireless range and more access users.

FEATURES

- Qualcomm chipset, 11ax, Wi-Fi6 standard;
- Dual 2.4G and 5.8G band, 5400Mbps high speed;
- High power design, MIMO omni antenna, more than 150 meters wireless coverage;
- 1*10/100/1000/2500Mbps WAN port support IEEE 802.3at PoE standard;
- Support IP67 water-proof level, with lightning protection board inside, totally to protect the whole product even install in the harsh environment;
- Can work with cloud and APP for remote configure and management.



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HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP5400-06				
CPU	Qualcomm				
Flash	SPI NOR 8MB				
Nand	128MB				
DDR3L	512MB*1				
2.4G Frequency	2.4GHz - 2.484GHz				
2.4G WIFI Protocol	802.11 b / g / n / ax				
5G Frequency	5.150GHz~5.825GHz				
5G WIFI Protocol	802.11 a / n / ac / ax				
Antenna: 2.4G	2PCS 2.4G antenna, gain : 5dBi				
Antenna: 5G	2PCS 5.8G antenna, gain : 7dBi				
Data Rate	2.4G: 600Mbps 5G: 4804Mbps				
2.4G RF power	802.11b	11M	22±2dBm	1M	22±2dBm
	802.11g	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11ax HE20	MCS11	17±2dBm	MCS0	20±2dBm
	802.11ax HE40	MCS11	17±2dBm	MCS0	20±2dBm
5G RF power	802.11a	54M	19±2dBm	6M	22±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	21±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	21±2dBm
	802.11ac VHT20	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ac VHT40	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ac VHT80	MCS9	17±2dBm	MCS0	21±2dBm
	802.11ax HE20	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE40	MCS11	17±2dBm	MCS0	21±2dBm
	802.11ax HE80	MCS11	17±2dBm	MCS0	21±2dBm
802.11ax HE160	MCS11	17±2dBm	MCS0	21±2dBm	
2.4G Receive Sensitivity	802.11b	11M	-85dBm	1M	-90dBm
	802.11g	54M	-82dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-87dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-85dBm
	802.11ax HE20	MCS11	-60dBm	MCS0	-83dBm
	802.11ax HE40	MCS11	-56dBm	MCS0	-83dBm



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HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP5400-06				
5G Receiving Sensitivity	802.11a	54M	-72dBm	6M	-92dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-88dBm
	802.11ac VHT20	MCS8	-70dBm	MCS0	-88dBm
	802.11ac VHT40	MCS9	-68dBm	MCS0	-88dBm
	802.11ac VHT80	MCS9	-58dBm	MCS0	-85dBm
	802.11ax HE20	MCS11	-62dBm	MCS0	-88dBm
	802.11ax HE40	MCS11	-58dBm	MCS0	-86dBm
	802.11ax HE80	MCS11	-55dBm	MCS0	-84dBm
802.11ax HE160	MCS11	-51dBm	MCS0	-82dBm	
2.4G EVM	802.11b:≤-10 dB; 802.11g: ≤-25 dB; 802.11n:≤-28 dB; 802.11ax:≤-35 dB				
5G EVM	802.11a:≤-25 dB; 802.11n: ≤-28 dB; 802.11ac:≤-32 dB; 802.11ax:≤-35 dB				
PPM	±20ppm				
WAN	1 * 10/100/1000/2500Mbps WAN port, support 48V POE				
LAN	1 * 10/100/1000Mbps LAN port				
Reset	1 * reset button, press 6~10 seconds to restore to factory settings				
Power Supply	PoE 802.3at				
Maximum power consumption	< 22W				
Size	304mm × 181mm × 88mm				
Weight	1.8kg				
Working Environment	Normal working temperature:-20°C to 55°C ; Storage temperature:-40°C to 70°C ; Humidity : 5%~95% (non-condensing)				
Protection Level	IP67				
ESD	By air: +/-8K, By contact: +/-6K				
Surge	Common mode: 4KV, Differential mode: 2KV				

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