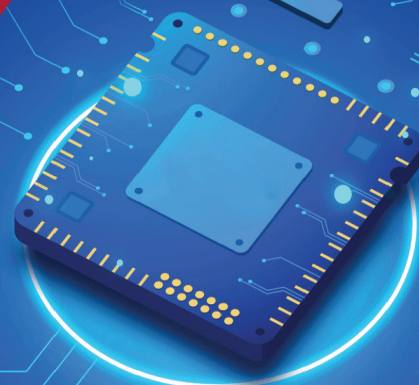


11ax 3000Mbps Inwall Wireless AP NX-AP3000-4PEW6



OVERVIEW

NX-AP3000-4PEW6 is a high-performance, high-speed indoor 11ax wall mounted panel AP that can provide 2.4G and 5.8GHz dual band wireless services, providing a cleaner wireless environment and more stable wireless access.

FEATURES

- › WiFi 6 802.11 a / n / ac / ax
- › Simultaneously running 2.4GHz (600Mbps) and 5GHz (2400Mbps) to achieve maximum wireless throughput.
- › The heat sink is treated with a special surface coating, resulting in a more ideal heat dissipation effect.
- › Supports both 48V PoE power supply and DC 12V power supply.
- › Support PoE out on LAN port.
- › Supports 1-to-1 network port transparent transmission.
- › USB 2.0 supports charging.

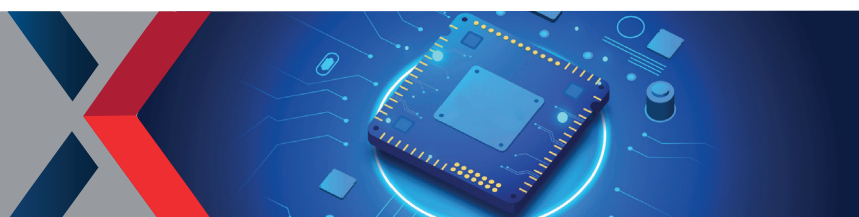


HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000-4PEW6
CPU	IPQ5018+QCN6102+QCA8337
Flash	SPI NOR 8MB
DDR3L	512MB*1
NAND	128MB
2.4G Antenna	Internal IPA
2.4G Frequency	Built-in : 1.7dB
5.8G RF	External FEM: SKY85791-11
5.8G Antenna	Built-in : 2.9dB



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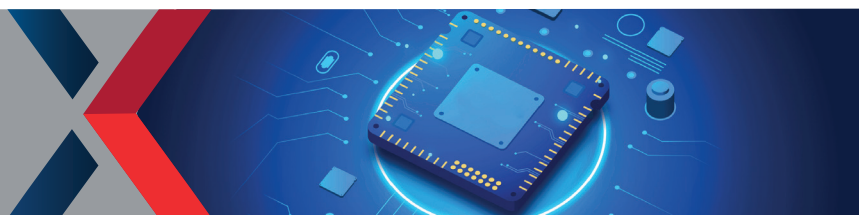


HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000-4PEW6				
2.4G Frequency	2.4GHz ~ 2.484GHz				
2.4G WIFI protocol	802.11 b / g / n /ax				
5G Frequency	5.150GHz~5.850GHz				
5G WIFI protocol	802.11 a / n / ac /ax				
Data Rate	5G:2400Mbps 2.4G:600Mbps				
2.4G TX Power	802.11b	11M	20±2dBm	1M	20±2dBm
	802.11g	54M	17±2dBm	6M	20±2dBm
	802.11n HT20	MCS7	16±2dBm	MCS0	19±2dBm
	802.11n HT40	MCS7	16±2dBm	MCS0	19±2dBm
	802.11ax HT20	MCS11	14± 2dBm	MCS0	19±2dBm
	802.11ax HT40	MCS11	14± 2dBm	MCS0	19±2dBm
5G TX Power	802.11a	54M	17±2dBm	6M	20±2dBm
	802.11n HT20	MCS7	17±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	16±2dBm	MCS0	20±2dBm
	802.11ac HT20	MCS7	16±2dBm	MCS0	20±2dBm
	802.11ac HT40	MCS7	16±2dBm	MCS0	20±2dBm
	802.11ac HT80	MCS9	16±2dBm	MCS0	20±2dBm
	802.11ax HT20	MCS11	14±2dBm	MCS0	17±2dBm
	802.11ax HT40	MCS11	14±2dBm	MCS0	17±2dBm
	802.11ax HT80	MCS11	14±2dBm	MCS0	17±2dBm
	802.11ax HT160	MCS11	14±2dBm	MCS0	17±2dBm
2.4G Receiving Sensitivity	802.11b	11M	-80dBm	1M	-87dBm
	802.11g	54M	-67dBm	6M	-87dBm
	802.11n HT20	MCS7	-67dBm	MCS0	-87dBm
	802.11n HT40	MCS7	-64dBm	MCS0	-87dBm
	802.11ax HT20	MCS11	-55dBm	MCS0	-87dBm
	802.11ax HT40	MCS11	-50dBm	MCS0	-84dBm
5G Receiving Sensitivity	802.11a	54M	-69dBm	6M	-87dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-87dBm
	802.11n HT40	MCS7	-65dBm	MCS0	-85dBm
	802.11ac HT20	MCS7	-64dBm	MCS0	-87dBm
	802.11ac HT40	MCS7	-59dBm	MCS0	-84dBm
	802.11ac HT80	MCS9	-55dBm	MCS0	-84dBm
	802.11ax HT20	MCS11	-56dBm	MCS0	-87dBm
	802.11ax HT40	MCS11	-52dBm	MCS0	-83dBm
	802.11ax HT80	MCS11	-50dBm	MCS0	-81dBm
	802.11ax HT160	MCS11	-47dBm	MCS0	-78dBm



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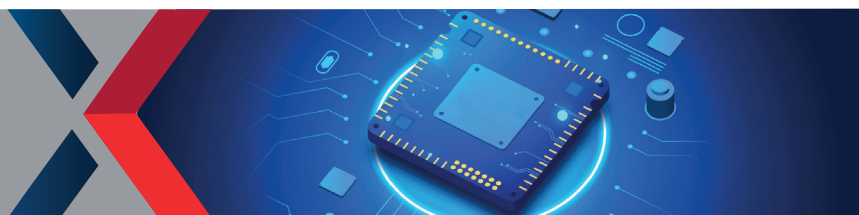


HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000-4PEW6
2.4G EVM	802.11b: ≤ -10 dB ; 802.11g: ≤ -25 dB ; 802.11n: ≤ -28dB ; 802.11ac: ≤ -32 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/WAN, support POE 48V power ;
LAN	4*10/100/1000/LAN (LAN1 port supports PoE out, comply with IEEE802.3af)
USB	1×USB 2.0
RJ45 throughput port	1:1 Ethernet port
Console port	Support
Reset	reset (preess for 6-10 seconds to do factory reset)
Power	PoE 802.3at、DC12V 2A
Max Power Consumption	< 24W
Indicators	SYS light, 2.4G WIFI light, 5.8G WIFI light, WAN port light, LAN*4 port light
Dimension	160mm*86mm*29mm
Weight	0.26kg
Temperature	Working: -20°C to 40°C ; Storage: -40°C to 70°C ; Humidity: 5%~95%(Non-Condensing)
ESD	Air:±8K, Touch:±4K
Electrical Surge	VCommon Mode: 1K, Differential Mode: 0.5K



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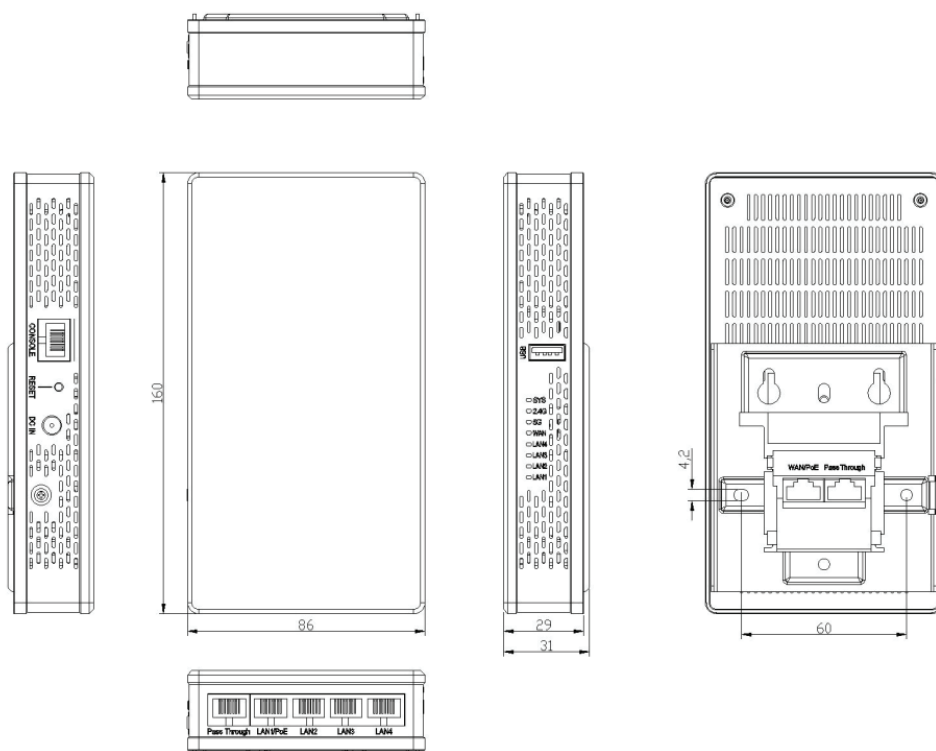
FIRMWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000-4PEW6
Working Mode	Gateway, AP
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support SSID hidden
	Support seamless roaming, 802.11kvr standard.
	Support 5G Prior for a faster Ethernet.
	Wireless Security: Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
Support user quantity limited, Max 64 users to access each band.	
Networking Function	VLAN settings
	Cloud access support in gateway mode
Device Management	Back-up the configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
	Support firmware GUI web management, AC controller management, remote management and cloud management



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