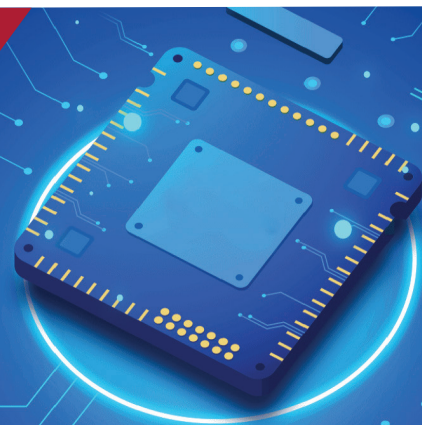


## 11ax 3000Mbps Inwall Wireless AP NX-AP3000H-W6



### OVERVIEW

NX-AP3000H-W6 is a high-performance, high-speed indoor 11ax wall-mounted panel AP with 2.4G and 5.8GHz dual-band wireless services, providing a cleaner wireless environment and more stable wireless access.

### FEATURES

- › WiFi 6 802.11 b / g / n / ax
- › Simultaneously running 2.4GHz (574Mbps) and 5GHz (2400Mbps) to achieve maximum wireless throughput.
- › Support hardware watchdog function, automatic recovery of abnormal devices, maintenance free.
- › The heat sink is treated with a special surface coating, resulting in a more ideal heat dissipation effect.
- › Supports 48V PoE.

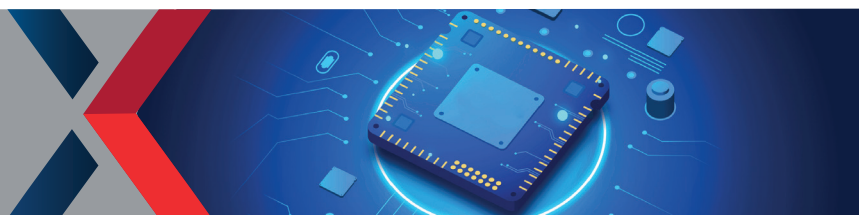


### HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000H-W6
CPU	MT7981B+MT7976CN+RTL8211FS
Flash	Nand 128MB
DDR3L	256M
2.4G Frequency	2.4GHz ~ 2.484GHz
2.4G WIFI protocol	WiFi 6 802.11 b / g / n / ax
5G Frequency	5.150GHz~5.850GHz
5G WIFI protocol	WiFi 6 802.11 a / n / ac / ax
Antenna	Dual band 2*1.7dBi



## 11ax 3000Mbps Inwall Wireless AP NX-AP3000H-W6



### HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000H-W6				
Data Rate	5G: 2400Mbps 2.4G: 574Mbps				
2.4G TX Power	802.11b	11M	18±2dBm	1M	20±2dBm
	802.11g	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	15±2dBm	MCS0	17±2dBm
	802.11ax HT20	MCS11	13±2dBm	MCS0	15±2dBm
	802.11ax HT40	MCS11	13±2dBm	MCS0	15±2dBm
5G TX Power	802.11a	54M	15±2dBm	6M	17±2dBm
	802.11n HT20	MCS7	14±2dBm	MCS0	16±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
	802.11ac HT20	MCS7	13±2dBm	MCS0	15±2dBm
	802.11ac HT40	MCS7	13±2dBm	MCS0	15±2dBm
	802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm
	802.11ax HT20	MCS11	12±2dBm	MCS0	14±2dBm
	802.11ax HT40	MCS11	12±2dBm	MCS0	14±2dBm
	802.11ax HT80	MCS11	12±2dBm	MCS0	14±2dBm
802.11ax HT160	MCS11	12±2dBm	MCS0	14±2dBm	
2.4G Receiving Sensitivity	802.11b	11M	-83dBm	1M	-90dBm
	802.11g	54M	-70dBm	6M	-84dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-83dBm
	802.11n HT40	MCS7	-66dBm	MCS0	-83dBm
	802.11ax HT20	MCS11	-56dBm	MCS0	-83dBm
	802.11ax HT40	MCS11	-53dBm	MCS0	-83dBm
5G Receiving Sensitivity	802.11a	54M	-70dBm	6M	-83dBm
	802.11n HT20	MCS7	-67dBm	MCS0	-83dBm
	802.11n HT40	MCS7	-64dBm	MCS0	-83dBm
	802.11ac HT20	MCS7	-58dBm	MCS0	-83dBm
	802.11ac HT40	MCS7	-57dBm	MCS0	-83dBm
	802.11ac HT80	MCS9	-56dBm	MCS0	-85dBm
	802.11ax HT20	MCS11	-57dBm	MCS0	-83dBm
	802.11ax HT40	MCS11	-56dBm	MCS0	-83dBm
	802.11ax HT80	MCS11	-53dBm	MCS0	-82dBm
802.11ax HT160	MCS11	-51dBm	MCS0	-88dBm	



## 11ax 3000Mbps Inwall Wireless AP NX-AP3000H-W6

### HARDWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000H-W6
2.4G EVM	802.11b:≤-10 dB ; 802.11g:≤-25 dB ; 802.11n:≤-28dB ; 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*10/100/1000M WAN, support 48V POE
LAN	1*10/100/1000M LAN
POE	802.3af
Reset	Reset to factory settings by pressing 6-10 seconds
Indicators	SYS
Max Power Consumption	12W
ESD	Air:±8K, Touch:±6K
Electrical Surge	Common Mode: 1K, Differential Mode: 0.5K
Size	86mm*86mm*42.8mm
Weight	0.26kg
Temperature	Working: -10°C to 40°C ; Storage: -40°C to 70°C ; Humidity: 5%~95%(Non-Condensing)



## 11ax 3000Mbps Inwall Wireless AP NX-AP3000H-W6

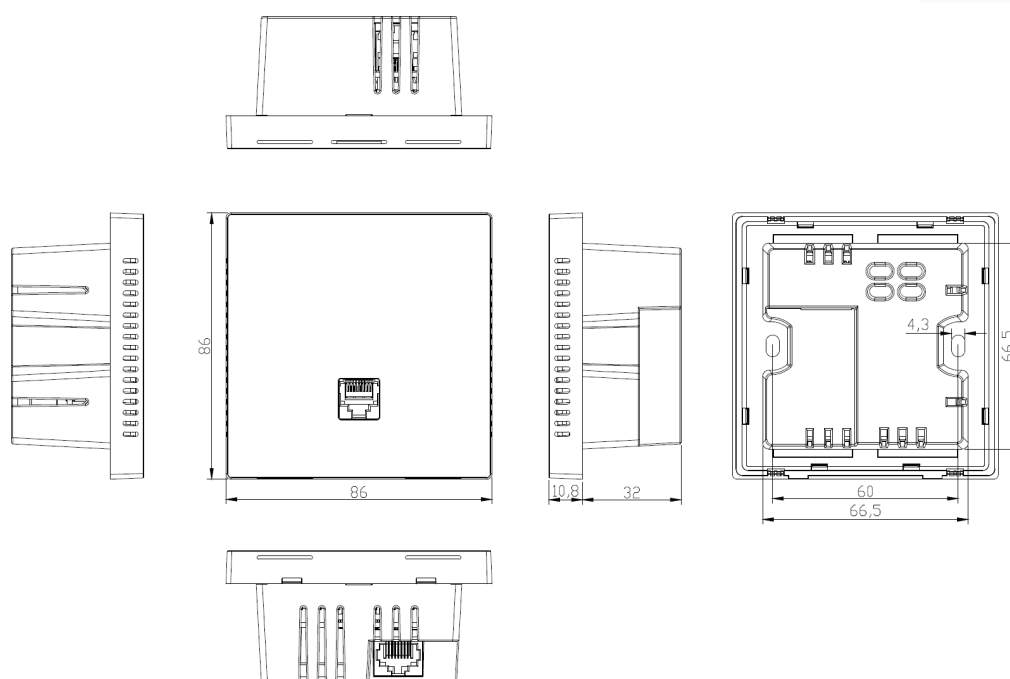
### FIRMWARE SPECIFICATIONS

SPECIFICATIONS	NX-AP3000H-W6
Working Mode	AP(FAT/ FIT)
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support SSID hidden
	Support 5G Prior for a faster Ethernet.
	Wireless Security: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-TKIPAES
	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.
	QoS: WMM
Networking Function	VLAN settings
	Cloud access support in FAT 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



## 11ax 3000Mbps Inwall Wireless AP NX-AP3000H-W6

### TECHNICAL DIAGRAM



### PACKING LIST

Controller	1
Power cord	2

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