

## ALLNET WAPC0544AX-5400 Punto de acceso Apollo WiFi 6 / AX5400

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### EAN CODE



## ALLNET Apollo Wireless AP WIFI6 - AX5400 - 2x2:2; 4x4:4 - Interior - 2,5 GbE - ALL-WAPC0544AX-5400

### Destacados:

- Arquitectura 802.11ax de doble concurrencia y compatibilidad con dispositivos cliente 11ac/a/b/g/n
- Compatibilidad con autenticación WPA3 y WPA2 AES
- Antena 2x2 integrada de 5 dBi
- Soporta hasta 2.400 Mbps en la banda de frecuencia de 5GHz y 574 Mbps en la banda de frecuencia de 2,4GHz
- Admite canales DFS de 5 GHz
- Gestión local y remota a través del controlador FitController sin cuotas
- Puerto PoE 802.3af de 1 GB para facilitar la colocación a una distancia de hasta 328 pies de una fuente de alimentación
- Elección de modos AP y WDS para satisfacer sus necesidades de gestión y despliegue.

El punto de acceso inalámbrico de interior gestionado ALL-WAPC0522AX-3000 2x2 Lite de la serie Apollo de ALLNET ofrece tecnología 802.11ax avanzada que proporciona a los usuarios un rendimiento increíblemente rápido y eficiente con una velocidad teórica máxima de 574 Mbps en la frecuencia de 2,4 GHz y unos increíbles 2.400 Mbps en la frecuencia de 5 GHz. También está protegido por protocolos de cifrado AES WPA3/WPA2PSK de primera categoría para una seguridad sin igual. Seguridad.

### Physical Interfaces:



### Technical Details Basics:

Basic	<b>ALL-WAPC0522AX-5400 Apollo Pro 2x2:2; 4x4:4</b>
Main Chipset	IPQ5018 ARM A53, 1GHz Dual-Core
Flash	8MB SPI NOR (reserved) 128MB NAND
RAM	512MB DDR3
Transmit Power	IPQ5018@2.4GHz: 21dBm
(Combined)	QCN6024@5GHz: 27dBm



Bluetooth	BLE 5.0 (reserved), IPQ5018 integrated
Interface	1x 10/100/1000/2500Mbps RJ45 Port  1x Reset Button  1x DC Barrel Jack
Operating Temperature	0 ~ 40°C
Dimensions (W x L x H)	160 x 160 x 30mm

### Fully Technical Details:

<b>Fully</b>	<b>ALL-WAPC0522AX-5400 Apollo Pro 2x2:2; 4x4:4</b>
<b>Wireless Radio Specification</b>	
<b>Access Point Type</b>	Indoor, dual radios concurrent, 5GHz 802.11 ax 4x4 MU MU-MIMO is backwards compatible with 802.11 ax/ ac/a/n mode, 2.4GHz 802.11 ax 2x2 MU MU-MIMO is backwards compatible with 802.11 b/g/n/ac
<b>Frequency Radio</b>	2.4GHz: 2400MHz ~ 2495MHz,  5GHz: 5150MHz~5250MHz, 5250MHz~5350MHz, 5470~5725MHz,  5725MHz~5850MHz  Support radios and channels will be varied on the configured regulatory domain.
<b>Supported Radio Technology</b>	802.11ax: Orthogonal Frequency Division Multiple Access(OFDMA) 802.11b: Direct Direct-sequence spread spread-spectrum (DSSS) 802.11ac/a/g/n: Orthogonal Frequency Division Multiple (OFDM) 802.11ax supports very high throughput (VHT) —HE 20/40/80/160 MHz 802.11ac supports very high throughput (VHT) —VHT 20/40/80 MHz 802.11n supports high throughput (HT) —HT 20/40 MHz 802.11n supports very high throughput under the 2.4GHz radio —VHT40 MHz (256 256-QAM) 802.11n/ac/ax packet aggregation: A A-MPDU, A A-SPDU



<b>Supported Modulation Type</b>	802.11b: BPSK, QPSK, CCK  802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM  802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM  802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
<b>Transmit Power (Combined)</b>	2.4GHz: 21dBm; 5GHz: 27dBm Maximum power is limited by regulatory domain
<b>MU-MIMO</b>	MU-MIMO allows multiple spatial streamsto be allocated to different clients simultaneously on both download and upload sides.
<b>Tx Beamforming (TxBF)</b>	Increasing signal reliability and transmitting distance.
<b>Power</b>	
<b>Maximum Power Consumption (TBD,estimated)</b>	18W
<b>PowerSource</b>	Standard IEEE802.3at DC IN 12V/2A
<b>Antenna</b>	
<b>Internal Antenna</b>	2.4GHz:4dBi  5GHz:5dBi
<b>Interfaces</b>	
<b>Networking Interface</b>	One 10/100/1000/2500 Mbps Ethernet Port
<b>Reset Button</b>	One(1) Reset Button  (Convert Access Point to the Factory default or the Users Default)
<b>DCIN</b>	One(1) 12V DC IN
<b>Mounting</b>	
<b>Ceiling or Wall Mounting</b>	Mount Access Point in on the ceiling or wall via included accessories
<b>Mechanical &amp; Environment</b>	
<b>Dimensions (LxWxH)</b>	160mmx160mmx30mm
<b>Weight</b>	430G
<b>Operating</b>	Temperature: 0°C~40°C Humidity:0%~90% typical
<b>Storage</b>	Temperature: -20°C~70°C Humidity:0%~90% typical
<b>Marks</b>	<b>FCC</b> Subpart15 B



Número de artículo: 211736  
 Número de fabricante: ALL-WAPC0544AX-5400

	Subpart C 15.247 Subpart E 15.407 <b>CE</b> EN 300 328 EN 301 893 EN 50385 EN 55032 EN 55024
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### Fully Technical Details:

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	limited by regulatory domain
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<b>Power</b>	
<b>MaximumPowerConsumption(TBD,estimated)</b>	18W
<b>PowerSource</b>	Standard IEEE802.3at DC IN 12V/2A
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<b>Interfaces</b>	
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<b>Weight</b>	430G
<b>Operating</b>	Temperature: 0°C~40°C Humidity:0%~90% typical
<b>Storage</b>	Temperature: -20°C~70°C Humidity:0%~90% typical
<b>Marks</b>	<b>FCC</b> Subpart15 B Subpart C 15.247 Subpart E 15.407 <b>CE</b> EN 300 328 EN 301 893 EN 50385 EN 55032 EN 55024

**RF Performance Specification Wireless Indoor Access Point**

Channel	Data Rate	Transmit Power (Typical AVG.)				Receive Sensitivity (Per-chain)	
		Tolerance = +/-1.5 dBm				2.4GHz	5GHz
		2.4GHz		5GHz			

		Combine	EIRP	Combine	EIRP		
802.11b	1M	21	25	-	-	-95	-
	11M	21	25	-	-	-88	-
802.11g/a	6M	21	25	27	32	-91	-88
	54M	18	22	25	30	-75	-71
802.11n HT20	MCS0	21	25	27	32	-92	-88
	MCS7	18	22	25	30	-74	-71
802.11n HT40	MCS0	21	25	27	32	-89	-86
	MCS7	18	22	25	30	-71	-68
802.11ac VHT20	MCS0	21	25	27	32	-92	-88
	MCS8	17	21	24	29	-70	-66
802.11ac VHT40	MCS0	21	25	27	32	-89	-86
	MCS9	17	21	23	28	-67	-63
802.11ac VHT80	MCS0	-	-	27	32	-	-81
	MCS9	-	-	23	28	-	-59
802.11ac VHT160	MCS0	-	-	27	32	-	-80
	MCS11	-	-	22	27	-	-53
802.11ax HE20	MCS0	21	25	27	32	-92	-88
	MCS11	16	20	21	26	-63	-59
802.11ax HE40	MCS0	21	25	27	32	-89	-86
	MCS11	16	20	21	26	-61	-57
802.11ax HE80	MCS0	-	-	27	32	-	-81
	MCS11	-	-	21	26	-	-52
802.11ax HE160	MCS0	-	-	27	32	-	-80
	MCS11	-	-	21	26	-	-52

## Accesorios

Número de artículo	Denominación
211733	ALLNET AC100 Controlador de red serie Apollo
211734	ALLNET Apollo Wireless AP WIFI6 • AX3000 • 2x2 • Indoor • 2.5 GbE • ALL-WAPC0522AX-3000 • Apollo
211739	ALLNET Apollo Wireless AP WIFI6 • AX3000 • 2x2 • Outdoor IP67 • 2.5 GbE • ALL-WAPC0522AXO-3000 • Apollo



Número de artículo: 211736  
Número de fabricante: ALL-WAPC0544AX-5400

Número de artículo	Denominación
175246	ALLNET 0489V4 Inyector PoE & PoE+ (15,4W/30W)
205738	ALLNET SGI8003P Switch Industrial 3x 2.5GBit 90W
201875	ALLNET Switch unmanaged 5 Port 2.5GBit • 5x PoE • 1x LAN • Fanless • "ALL-SG8005P-2.5G"