

## CIS-AP900 -AX

### 90% Faster Wi-Fi. Seamless Speed!

The CIS-AP900-AX, with the Generation6 802.11ax wireless standard, up to 40% higher speed in the 5 GHz and up to 90% higher speed in the 2.4 GHz spectrum, if we compare it to the previous generations. But what's more important than speed is stability. Our latest AX devices can withstand and navigate even the toughest wireless interference scenarios, offering the most stable and uninterrupted signal to date.



### Dual Band Support

The CIS-AP900-AX provides connectivity on both the 2.4 GHz and 5 GHz frequencies. The device supports 802.11ax for high speeds and older protocols 802.11/a/b/g/n for maximum compatibility.

### Centralized Management

The CIS-AP900-AX is configured to sync perfectly with your CIS router. Use the Built-in Wifi manager to configure your wireless network on all your CIS access points at once. Push SSID and Password changes to your access points and easily keep track of your connected device in real time.

### Passive PoE Passthrough

Facing a limit on the number of data drops in your environment?

The second ethernet port on the CIS-AP900-AX can power a second access point or device that can accept passive PoE. Connect any PoE or non-PoE device for network access.

## Specifications

Product Code	CIS-AP900-AX
CPU	Quad core IPQ-6010 1.8 GHz
Dimensions	185 x 85 x 30 mm
Size of RAM	1 GB DDR3L
Storage Size	128 MB
Storage type	NAND
Tested ambient temperature	-40 to 70°C
UPC Code	741365104735
Number of 1G Ethernet ports	2
Wireless	2.4 GHz 802.11b/g/n/ax dual-chain, 5 GHz 802.11a/n/ac/ax dual chain

## Powering

Max Power consumption	9W with attached devices, 9W without
PoE In	802.3af/at, Passive PoE
PoE in input voltage	18-57 V
Number of DC inputs	1 (PoE-IN, DC Jack)
PoE Out (Ether2)	Passive PoE up to 57V

## Wireless

Wireless 2.4 GHz Max data rate	574 Mbit/s
Wireless 2.4 GHz number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n/ax
Antenna gain dBi for 2.4 GHz	6
Wireless 2.4 GHz chip model	QCN-5022
Wireless 2.4 GHz generation	Wi-Fi 6
Wireless 5 GHz Max data rate	1200 Mbit/s
Wireless 5 GHz number of chains	2
Wireless 5 GHz standards	802.11a/n/ac/ax
Antenna gain dBi for 5 GHz	5.5
Wireless 5 GHz chip model	QCN-5052
Wireless 5 GHz generation	Wi-Fi 6
WiFi speed	AX1800

## Ethernet

10/100/1000 Ethernet ports	2
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## Ethernet Test Results

Mode	Configuration	1518 byte		512 byte		64 byte	
		Kbps	Mbps	Kbps	Mbps	Kbps	Mbps
Bridging	None (fast path)	162.5	1974	469.9	1924.8	1470.1	799.7
Bridging	25 bridge filter rules	162.5	1974	380.1	1556.9	386.5	210.2
Bridging	none (fast path)	162.5	1974	469.9	1924.8	1281.6	697.2
Bridging	25 simple queues	162.5	1973.1	391	1601.7	395.2	215
Bridging	25 IP filter rules	162.5	1973.1	266.7	1092.5	268.7	146.2

1. All tests are done with Xena Networks specialized test equipment (XenaBay),and done according to RFC2544 (Xena2544)
2. Max throughput is determined with 30+ second attempts with 0,1% packet loss tolerance in 64, 512, 1518 byte packet sizes
3. Test results show device maximum performance, and are reached using mentioned hardware and software configuration, different configurations most likely will result in lower results