

2220012666

## C9105AXI-EWC-B

Cisco C9105AX Access Point with embedded WLC - USA(B)



The 9105AX-EWC Series Wi-Fi 6 access points comes with a built-in controller. The Cisco Embedded Wireless Controller on Catalyst 9100 Access Points provides an easy-to-deploy and manage option that does not require a physical appliance. The control resides on the access point so there is no added footprint or complexity. And, because it uses Cisco Catalyst 9800 Series code, it's easy to migrate your network as your needs grow.



### Description

- ✓ 802.11ax (Wi-Fi 6)
- ✓ Data rate of up to 866.7 Mbps (80 MHz with 5GHz)
- ✓ 2x2 uplink/downlink MU-MIMO with two spatial streams
- ✓ Integrated antennas:
  - 2.4 GHz, gain 4 dBi
  - 5 GHz, gain 5 dBi
- ✓ 1x RJ-45 10/100/1000 auto-detection port
- ✓ PoE 802.3at
- ✓ Designed with flexible mounting options in mind: Ceiling or wall.

# Specifications

ORDER INFORMATION	ACCESS POINT VERSION	DEFAULT LOADED SOFTWARE
2220012665	Cisco C9105AX Access Point with embedded WLC - EMEA(E)	Embedded Wireless Controller software
2220012666	Cisco C9105AX Access Point with embedded WLC - USA (B)	Embedded Wireless Controller software
2220012667	Cisco C9105AX Access Point with embedded WLC - Canada (A)	Embedded Wireless Controller software
<b>DESCRIPTION</b>		
Maximum clients	Maximum number of associated wireless clients: 100	
802.11ax	2x2 uplink/downlink MU-MIMO with two spatial streams; Uplink/downlink OFDMA; PHY data rates up to 866.7 Mbps (80 MHz on 5 GHz); TWT; BSS coloring; MRC; 802.11ax beamforming; 20-, 40-, 80-channels; PHY data rates up to 1.488 Gbps (80 MHz with 5 GHz and 20 MHz with 2.4 GHz); Packet aggregation: A-MPDU (transmit and receive), A-MSDU (transmit and receive); 802.11 DFS; CSD support; WPA3 support	
Integrated antennas	2.4 GHz, gain 4 dBi; 5 GHz, gain 5 dBi	
Interfaces	1 x 10/100/1000BASE-T autosensing (RJ-45), Power over Ethernet (PoE); Management console port (RJ-45)	
Indicators	Status LED indicates boot loader status, association status, operating status, boot loader warnings, and boot loader errors	
Dimensions (W x L x H)	150 x 150 x 30 mm (Access point without mounting bracket)	
Weight	329.5g (Access point without mounting bracket)	
Operating Temperature	0° to 50°C	
Humidity	10% to 90% (non condensing)	
Powering options	PoE 802.3at PoE+ or UPOE Ethernet switch or Optional Cisco power injectors	
Mounting	Mounting bracket AIR-AP-BRACKET-W4 (Included with the access point)	

**OTHER MODELS**

2220012668	Cisco C9115AX Access Point with embedded WLC - EMEA (E)
2220012669	Cisco C9115AX Access Point with embedded WLC - USA (B)
2220012670	Cisco C9115AX Access Point with embedded WLC - Canada (A)