C9120AXI-D
Datasheet

Check its price:

Overview

Cisco® Catalyst® 9115 Series Wi-Fi 6 Access Points are the next generation of enterprise access points. They are resilient, secure, and intelligent. C9120AXI-D is the Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, D Domain.

Product Details

Cisco AP 9120 series provides these features:

- 802.11ax (Wi-Fi 6)

- Cisco RF ASIC

- Uplink/downlink OFDMA

- MU-MIMO technology

- Target wake time

- BSS coloring

- Intelligent Capture

- Flexible Radio Assignment

- Dual 5-GHz radio support

- Smart antenna connector

- Cisco Mobility Express

- Multigigabit Ethernet support

- Bluetooth 5.0

- Container support for applications

- Apple Features

Supported Platforms

Table 1 shows the supported platforms and software.

Supported wireless LAN controllers and Software	Recommended Model
Cisco 3500 Series Wireless Controllers	AIR-CT3504-K9
Cisco 5520 Series Wireless Controllers	AIR-CT3504-K9
Cisco 8540 Series Wireless Controllers	AIR-CT8540-K9 AIR-CT8540-1K-K9
Cisco 9800 series Wireless Controllers	C9800-40-K9 C9800-80-K9
Cisco Virtual Wireless Controller	/
Cisco Unified Wireless Network Software Release 8.9 or later	/
Cisco IOS ® XE Software Release 16.11 or later	/

Compare to Similar Items

Table 2 shows the comparison of Cisco AP 9120I series.

SKU	Description

C9120AXI-A	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, A Domain
C9120AXI-B	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, B Domain
C9120AXI-B-EDU	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, B Domain
C9120AXI-D	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, D Domain
C9120AXI-E	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, E Domain
C9120AXI-H	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, H Domain
C9120AXI-I	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, I Domain
C9120AXI-K	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, K Domain
C9120AXI-Q	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, Q Domain
C9120AXI-S	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, S Domain
C9120AXI-Z	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, Z Domain

Get More Information

Do you have any question about the C9120AXI-D?
Contact us now at **sales@gntme.com.**

Specification

C9120AXI-D Specification	
Description	Cisco Catalyst 9120AX Access Point, internal antennas; Wi-Fi 6; 4x4:4 MIMO, D Domain
Software	● Cisco Unified Wireless Network Software Release 8.9.x or later ● Cisco IOS ® XE Software Release 16.11 with AP Device Pack, or later
Supported wireless LAN controllers	● Cisco Catalyst 9800 Series Wireless Controllers ● Cisco 3500, 5520, and 8540 Series Wireless Controllers and Cisco Virtual Wireless Controller
802.11n version 2.0 (and related) capabilities	● 4x4 MIMO with four spatial streams ● Maximal Ratio Combining (MRC) ● 802.11n and 802.11a/g beamforming ● 20- and 40-MHz channels ● PHY data rates up to 890 Mbps (40 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 Dynamic Frequency Selection (DFS) ● Cyclic Shift Diversity (CSD) support
802.11ac	● 4x4 downlink MU-MIMO with four spatial streams ● MRC ● 802.11ac beamforming ● 20-, 40-, 80-, and 160-MHz channels ● PHY data rates up to 3.47 Gbps (160 MHz with 5 GHz) ● Packet aggregation: A-MPDU (transmit and receive), A-MSDU (transmit and receive) ● 802.11 DFS ● CSD support

802.11ax	● 4x4 downlink MU-MIMO with four spatial streams ● Uplink/downlink OFDMA ● TWT ● BSS coloring ● MRC ● 802.11ax beamforming ● 20-, 40-, 80-, and 160-MHz channels ● PHY data rates up to 5.38 Gbps (160 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
Integrated antenna	Flexible radio (either on 2.4GHz or on 5GHz) ● 2.4 GHz, peak gain 4 dBi, internal antenna, omnidirectional in azimuth ●5 GHz, peak gain 5 dBi, internal antenna, omnidirectional in azimuth Dedicated 5GHz radio ● 5 GHz, peak gain 4 dBi, internal antenna, omnidirectional in azimuth
External antenna (sold separately)	●Cisco Catalyst 9120E Access Points are certified for use with antenna gains up to 6 dBi (2.4 GHz and 5 GHz) ●Cisco Catalyst 9120P Access Points) are certified for use with antenna gains up to 13 dBi (2.4 GHz and 5 GHz) with the AIR-ANT2513-P4M-N= antenna ●Cisco offers the industry's broadest selection of antennas, delivering optimal coverage for a variety of deployment scenarios ● Supports Self-Identifiable Antennas (SIA) on one RP-TNC port
Smart Antenna Connector	● Available on the 9120E and on the 9120P only ● Compact multi RF connector with DART interface ●Requires the AIR-CAB002-DART-R= 2 ft smart antenna connector when used with antennas with RP- TNC connector ●Required when running the flexible radio as either a second 5-GHz serving radio or a Wireless Security Monitoring radio
Interfaces	● 1x 100, 1000, 2500 Multigigabit Ethernet (RJ-45) – IEEE 802.3bz ● Management console port (RJ-45) ● USB 2.0 @ 3.75W (enabled via future software)
Indicators	●Status LED indicates boot loader status, association status, operating status, boot loader warnings, and boot loader errors
Dimensions (W x L x H)	● Access point (without mounting brackets): C9120I: 8.5 x 8.5 x 1.7" (21.6 x 21.6 x 4.3 cm)
Input power requirements	● 802.3at Power over Ethernet Plus (PoE+), 802.3bt Cisco Universal PoE (Cisco UPOE+, Cisco UPOE ®) ● Cisco power injector, AIR-PWRINJ6= ● 802.3af PoE ● Cisco power injector, AIR-PWRINJ5= (Note: This injector supports only 802.3af)
Environmental	Cisco Catalyst 9120AXI ● Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C) ● Nonoperating (storage) altitude test: 25°C, 15,000 ft. ● Operating temperature: 32° to 122°F (0° to 50°C) ● Operating humidity: 10% to 90% (noncondensing) ● Operating altitude test: 40°C, 9843 ft.
System memory	● 2048 MB DRAM ● 1024 MB flash

Available transmit power settings	2.4 GHz • 23 dBm (200 mW) • 20 dBm (100 mW) • 17 dBm (50 mW) • 14 dBm (25 mW) • 11 dBm (12.5 mW) • 8 dBm (6.25 mW) • 5 dBm (3.13 mW) • 2 dBm (1.56 mW) • -1dBm (0.79mW) • -4dBm(0.39mW) 5 GHz • 26 dBm (400 mW) • 23 dBm (200 mW) • 20 dBm (100 mW) • 17 dBm (50 mW) • 14 dBm (25 mW) • 11 dBm (12.5 mW) • 8 dBm (6.25 mW) • 5 dBm (3.13 mW) • 2 dBm (1.56 mW) • -1dBm (0.79mW)
Frequency band and 20-MHz operating channels	D (D regulatory domain): • 2.412 to 2.462 GHz; 11 channels • 5.180 to 5.320 GHz; 8 channels • 5.745 to 5.825 GHz; 5 channels

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