

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9105AXI-B

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9105AXI-B
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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C9105AXI-B Datasheet

The Cisco C9105AXI-B datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9105AXI-B and integrate it into enterprise or service provider networks with confidence.

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Specification

Category	Parameter	Specification	Notes
Product	Model	C9105AXI-B (Catalyst 9105AXI, regulatory domain B)	Verify domain approval for target country
Architecture	Deployment	Controller-based (CAPWAP)	AireOS 8.10 MR3+; IOS-XE 17.3.x+
Radios	Spatial streams	2×2:2 (2.4 GHz); 2×2:2 (5 GHz)	Simultaneous dual-band
Wi-Fi features	802.11ax	OFDMA (UL/DL), MU-MIMO, BSS Coloring, TWT, beamforming, MRC	Wi-Fi 6 efficiency
Throughput	Max PHY (series)	Up to 1.488 Gbps	80 MHz @5 GHz + 20 MHz @2.4 GHz
Antennas	Integrated gain	2.4 GHz 4 dBi; 5 GHz 5 dBi	Omnidirectional in azimuth
IoT	BLE/IoT	Integrated 2.4 GHz BLE/IoT radio	Internal antenna
Interfaces	Uplink	1× 10/100/1000 Base-T (RJ-45), PoE-In	
Interfaces	Console	RJ-45 (RS-232)	
Indicators	Status LED	Single multi-color LED	Boot / join / status indications

Category	Parameter	Specification	Notes
Controls	Mode button	Yes	Supports recovery; full factory reset
Power	PoE input types	802.3af PoE; 802.3at PoE+; Cisco UPOE	Injectors: AIR-PWRINJ5= (af), AIR-PWRINJ6= (at)
PoE behavior	802.3af operation	2x2 on 2.4G and 5G; 1G link	
Environmental	Operating temperature	0-50 °C (32-122 °F)	Above 40 °C, 2.4G shifts 2x2→1x1
Environmental	Operating humidity	10-90% (non-condensing)	
Environmental	Storage temperature	-30-70 °C (-22-158 °F)	
Environmental	Operating altitude test	3000 m (9843 ft) @ 40 °C	
RF power	Tx settings	2.4G: 20 dBm max to -7 dBm min; 5G: 20 dBm max to -7 dBm min	Configurable per RF profile
Physical	Dimensions (WxLxH)	150x150x30 mm (5.9x5.9x1.18 in)	Without bracket
Physical	Weight	0.7 lb (329.5 g)	AP only
Mounting	Bracket options	AIR-AP-BRACKET-8; ceiling grid clips	Wall and below-ceiling mounting supported
Security	Anti-theft	Torx security screw; Kensington lock slot	
Compliance	Regulatory	Regulatory domains (x = domain)	Verify at Cisco compliance site

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