

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9105AXI-E

Cisco Network Hardware Specification, Availability and Quote Reference

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

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C9105AXI-E Datasheet

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

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Specification

Category	Parameter	Specification	Notes
Product	Model	C9105AXI-E (Catalyst 9105AXI, regulatory domain E)	x denotes regulatory domain; verify country approval
Architecture	Deployment	Controller-based (CAPWAP)	AireOS 8.10 MR3+; IOS-XE 17.3.x+
Radios	Streams	2x2:2 (2.4 GHz), 2x2:2 (5 GHz)	Dual-concurrent
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 @5G + 20 MHz @2.4G
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	1x 10/100/1000 Base-T (RJ-45), PoE-In	
Interfaces	Console	RJ-45 (RS-232)	Monitor/debug

Category	Parameter	Specification	Notes
Indicators/controls	Status LED	Single multi-color LED	Boot/join/status indications
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 (AXI)	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	Available Tx settings	2.4G: 20 dBm max to -7 dBm min; 5G: 20 dBm max to -7 dBm min	
Physical	Dimensions (WxLxH)	150x150x30 mm (5.9x5.9x1.18 in)	Without bracket
Physical	Weight	0.7 lb (329.5 g)	AP only
Mounting	Bracket	AIR-AP-BRACKET-8	Ceiling mount; ceiling grid clips available
Security/anti-theft	Security screw	Yes (locks AP to bracket)	Location under mylar cover
Compliance	Regulatory	Regulatory domains (x = domain)	Verify at cisco.com/go/aironet/compliance

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- WhatsApp: [+8617181189993](https://wa.me/+8617181189993)
- Wechat: [layer23-switch](https://weixin.qq.com/q/layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
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