

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9105AXW-E

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9105AXW-E
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
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C9105AXW-E Datasheet

The Cisco C9105AXW-E datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9105AXW-E and integrate it into enterprise or service provider networks with confidence.

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Specification

Category	Parameter	Specification	Notes
Product	Model	C9105AXW-E (Catalyst 9105AXW, regulatory domain E)	Verify local country approval
Architecture	Deployment	Controller-based (CAPWAP)	AireOS 8.10 MR3+; IOS-XE 17.3.1+ on controllers
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, MRC, beamforming	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 3 dBi; 5 GHz 5 dBi	Internal antennas
Interfaces	Uplink	1× 100/1000/2500 Base-T (mGig), RJ-45	
Interfaces	Downlinks	3× 10/100/1000 Base-T (LAN1/LAN2/LAN3)	LAN1 supports 10.5 W PSE
Interfaces	USB	USB 2.0 (4.5 W)	

Category	Parameter	Specification	Notes
Interfaces	Console	RJ-45 (RS-232)	
Interfaces	Passthrough	Passthru Port	
Indicators	Status LED	Single multi-color LED	Boot/join/status indications
Controls	Mode button	Yes	Supports recovery and full factory reset
Power	Input types	802.3af PoE; 802.3at PoE+; Cisco UPOE	Injectors: AIR-PWRINJ5= (af), AIR-PWRINJ6= (at)
PoE behavior	802.3af operation	2×2 on both bands; 2.5G link; USB/PSE disabled	
PoE behavior	802.3at operation	2×2 on both bands; 2.5G; either USB or LAN1 PSE enabled	Mutually exclusive USB vs PSE
Environmental	Operating temperature	0-50 °C (32-122 °F)	
Environmental	Operating humidity	10-90% (non-condensing)	
Environmental	High-temp behavior	When ambient >40 °C: 2.4 GHz shifts 2×2→1×1; USB and LAN1 PSE disabled	
Environmental	Storage temperature	-30-70 °C (-22-158 °F)	
Environmental	Operating altitude test	3000 m (9843 ft) @ 40 °C	
Physical	Dimensions (W×L×H)	90×160×32.66 mm (3.54×6.3×1.3 in)	AP only
Physical	Weight	0.8 lb (373.2 g)	AP only
Mounting	Bracket / kit	Wall-plate mount; spacer kit C9105AXW-KIT	Bracket: AIR-AP-BRACKET-W4= (spare)
Software	Supported controllers	Catalyst 9800 Series; 3504; 5520; 8540; vWLC	Meet minimum versions above

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