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VERIFIED PRODUCT DATASHEET

C9115AXE-E

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9115AXE-E
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
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C9115AXE-E Datasheet

The Cisco C9115AXE-E datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9115AXE-E and integrate it into enterprise or service provider networks with confidence.

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Specification

Category	Parameter	Specification	Notes
Product	Model	C9115AXE-E (Catalyst 9115AXE, regulatory domain E)	Verify local regulatory approval
Architecture	Deployment	Controller-based (CAPWAP)	AireOS 8.9+; IOS-XE 16.11+ on controllers
Radios	Spatial streams	4×4:4 (2.4 GHz); 4×4:4 (5 GHz)	Simultaneous dual-band
Wi-Fi features	802.11ax (incl.)	OFDMA (UL/DL), MU-MIMO, TWT, BSS Coloring, beamforming, MRC	
Throughput	Max PHY rate	Up to 5.38 Gbps	160 MHz @5 GHz + 20 MHz @2.4 GHz
Antennas	Connectors	RP-TNC external-antenna connectors	Dual-band external antenna options
Interfaces	Ethernet uplink	1× 100/1000/2500 Base-T (mGig, 802.3bz)	Cat5e supports all speeds
Interfaces	Console	RJ-45 (management console)	

Category	Parameter	Specification	Notes
Interfaces	USB	USB 2.0	
IoT	Bluetooth	Integrated Bluetooth 5.0	
Power	Input types	802.3at PoE+, 802.3bt UPOE(+), 802.3af	Injectors: AIR-PWRINJ6= (at), AIR-PWRINJ5= (af)
Power	PoE behavior	802.3at: 4x4 radios, 2.5G link, USB on	Full-feature power ≈21.4 W (AXE)
Power	Reduced feature mode	When 802.3af: 2x2 radios, 1G link, USB off	Enable LLDP/CDP for proper negotiation
Environmental	Operating temperature	−20–50 °C (−4–122 °F)	Wider range vs. AXI
Environmental	Operating humidity	10%–90% (non-condensing)	
Environmental	Storage temperature	−30–70 °C (−22–158 °F)	
Environmental	Operating altitude test	9843 ft (3000 m) @ 40 °C	
Memory	System memory	2048 MB DRAM; 1024 MB flash	
Physical	Dimensions (W×L×H)	8.0×8.0×1.7 in (20.3×20.3×4.3 cm)	AP only
Physical	Weight	2.43 lb (1.1 kg)	AP only
Compliance	Safety/EMC/Radio	Complies with IEC/EN/UL 60950-1, 62368-1; CISPR/EN 55032/24/35; EN 300 328; EN 301 893; FCC Part 15, etc.	See datasheet compliance list
Security	WLAN security	WPA3/WPA2/WPA; 802.1X; AES; EAP-TLS/TTLS/PEAP/EAP-FAST/SIM, etc.	
Controllers	Supported platforms	Catalyst 9800 Series; 3504; 5520; 8540; vWLC	Meet minimum versions above

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