

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9115AXI-R

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9115AXI-R
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
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C9115AXI-R Datasheet

The Cisco C9115AXI-R datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9115AXI-R and integrate it into enterprise or service provider networks with confidence.

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Specification

Category	Parameter	Specification	Notes
Product	Model	C9115AXI-R (Catalyst 9115AXI, regulatory domain R)	Verify local regulatory approval
Architecture	Deployment	Controller-based (CAPWAP)	AireOS 8.9+; IOS-XE 16.11+ on controllers
Radios	Spatial streams	4x4:4 (2.4GHz); 4x4:4 (5GHz)	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 5.38Gbps	160MHz @5GHz + 20MHz @2.4GHz
Antennas	Integrated gain	2.4GHz 3dBi; 5GHz 4dBi	Omnidirectional in azimuth
Interfaces	Ethernet uplink	1x 100/1000/2500 Base-T (mGig, 802.3bz)	Cat5e supports all speeds
Interfaces	Console	RJ-45 (management console)	
Interfaces	USB	USB 2.0	

Category	Parameter	Specification	Notes
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	Max power ≈20.4W (AXI)
Power	Reduced feature mode	When 802.3af: 2x2 radios, 1G link, USB off	Enable LLDP/CDP for proper negotiation
Environmental	Operating temperature	0-50°C (32-122°F)	When ambient >40°C: 4x4→2x2; uplink 1G; USB off
Environmental	Operating humidity	10%-90% (non-condensing)	
Environmental	Storage temperature	-30-70°C (-22-158°F)	
Environmental	Operating altitude test	9843ft (3000m) @ 40°C	
Memory	System memory	2048MB DRAM; 1024MB flash	
Physical	Dimensions (WxLxH)	8.0x8.0x1.5in (20.3x20.3x3.8cm)	AP only (no bracket)
Physical	Weight	1.98lb (0.9kg)	AP only
Compliance	Safety/EMC/Radio	Meets 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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