

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9200L-24P-4G-A

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9200L-24P-4G-A
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C9200L-24P-4G-A Datasheet

The Cisco C9200L-24P-4G-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9200L-24P-4G-A and integrate it into enterprise or service provider networks with confidence.

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Key Features

Advanced Routing Intelligence

Full Layer 3 Support. Unlike basic access switches, this model is equipped with the Network Advantage license, supporting advanced protocols like OSPF, EIGRP, and BGP. This allows it to act as a fully capable branch router, handling complex WAN peering and dynamic routing tasks locally, which is critical for sites without a dedicated router.

Secure Network Segmentation

Virtual Isolation. Supports VRF-Lite, enabling the creation of multiple isolated virtual routing tables on a single switch. This is essential for environments that need to strictly separate Guest Wi-Fi, IoT devices, and Corporate data traffic while sharing the same physical hardware, enhancing both security and compliance.

Optimized 1G Uplinks

Smart Connectivity. Features four fixed 1 Gigabit SFP ports, tailored for networks running on standard fiber infrastructure. This configuration avoids the unnecessary cost of 10G hardware for locations where WAN bandwidth is limited or where gigabit speeds are sufficient for the user count.

Right-Sized PoE+ Power

370W Budget. With a default power supply providing 370W of PoE budget, this switch can power 24 IP phones (Class 3) or a mix of high-power access points and cameras simultaneously. It eliminates the need for external power injectors, simplifying the deployment of VoIP and wireless networks in small spaces.

SD-Access Fabric Ready

Automated Operations. Fully compatible with Cisco's Software-Defined Access (SD-Access) architecture. It can function as a programmable fabric node, supporting automated policy enforcement and user segmentation, which drastically reduces the manual effort required to secure and manage the network.

Resilient Hardware Design

Business Continuity. Built for reliability, the C9200L series supports dual field-replaceable power supplies and redundant fixed fans. This N+1 redundancy ensures that critical voice and security services remain online even if a power component fails, a feature often missing in smaller 24-port switches.

Specification

Parameter	Details	Parameter	Details
Model SKU	C9200L-24P-4G-A	Series Family	Cisco Catalyst 9200L
Software License	Network Advantage	Uplink Ports	4 x 1G SFP (Fixed)
Downlink Ports	24 x 10/100/1000 PoE+	PoE Standard	IEEE 802.3at (PoE+)
Default PoE Budget	370 W (with 1x 600W PSU)	Max PoE Budget	740 W (with 2x 600W PSU)
Switching Capacity	56 Gbps	Forwarding Rate	41.66 Mpps
Stacking Technology	StackWise-80	Stacking Bandwidth	80 Gbps
Stacking Members	Up to 8 Units	MAC Address Table	16,000 Entries
Total IPv4 Routes	11,000 (8,000 direct + 3,000 indirect)	Total IPv6 Routes	3,000
Multicast Groups	1,000	QoS Scale Entries	1,000
ACL Scale Entries	1,500	Packet Buffer	6 MB
Flexible NetFlow	16,000 flows	VLAN IDs	4,096
Max SVIs	512	Jumbo Frames	9198 bytes
Routing Protocols	OSPF, EIGRP, BGP, ISIS, RIP, VRF	DRAM	2 GB
Flash Memory	4 GB	Power Supply Type	PWR-C5-600WAC (Default)
Power Redundancy	Dual Modular (Field Replaceable)	Fan System	Fixed Redundant
MTBF (Hours)	353,960	Heat Dissipation	~1300 BTU/hr (Max PoE)
Height	1.73 in (4.4 cm)	Width	17.5 in (44.5 cm)
Depth	11.3 in (28.8 cm)	Weight	9.59 lb (4.35 kg)
Operating Temperature	23°F to 113°F (-5°C to 45°C)	Acoustic Noise	42 dBA (Typical)
Safety Certifications	UL 60950-1, IEC 60950-1, CAN/CSA C22.2	EMC Certifications	FCC Part 15 Class A, EN 55032

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