

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9200L-48T-4G-A

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9200L-48T-4G-A
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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C9200L-48T-4G-A Datasheet

The Cisco C9200L-48T-4G-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9200L-48T-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. Equipped with the Network Advantage license, this switch supports advanced dynamic routing protocols such as OSPF, EIGRP, and BGP. This allows the switch to act as a routed access node or a small distribution switch, handling complex traffic paths and load balancing locally without relying solely on the core router.

Secure Network Segmentation

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

Cost-Effective 1G Connectivity

Optimized Uplinks. Features four fixed 1 Gigabit SFP ports, designed for networks where the upstream infrastructure utilizes standard Gigabit fiber. This allows organizations to deploy advanced network intelligence at the edge without the unnecessary expense of upgrading to 10G optics or cabling if the bandwidth is not required.

Pure Data Port Efficiency

Lower TCO. Tailored for environments where devices like desktops, printers, and servers are powered by wall outlets. By eliminating PoE hardware, this model reduces upfront capital expenditure and ongoing power consumption, offering a greener and more economical solution for data-only networks.

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 data services remain online even if a power component fails, providing the reliability needed for government and enterprise operations.

Specification

Parameter	Details	Parameter	Details
Model SKU	C9200L-48T-4G-A	Series Family	Cisco Catalyst 9200L
Software License	Network Advantage	Uplink Ports	4 x 1G SFP (Fixed)
Downlink Ports	48 x 10/100/1000 Data Only	PoE Capability	No (Data Only)
Switching Capacity	104 Gbps	Forwarding Rate	77.38 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-C5-125WAC (Default)
Power Redundancy	Dual Modular (Field Replaceable)	Fan System	Fixed Redundant
MTBF (Hours)	346,270	Heat Dissipation	~450 BTU/hr (Typical)
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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