

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9200L-48T-4X-A

Cisco Network Hardware Specification, Availability and Quote Reference

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

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C9200L-48T-4X-A Datasheet

The Cisco C9200L-48T-4X-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9200L-48T-4X-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 a complete suite of dynamic routing protocols, including OSPF, BGP, and IS-IS. This allows the switch to actively participate in complex routing domains, making intelligent path decisions and providing redundancy without relying on an upstream router.

High-Speed 10G Uplinks

Bottleneck-Free Connectivity. Features four fixed 10 Gigabit SFP+ ports, providing massive uplink bandwidth to aggregate traffic from 48 Gigabit user ports. This 10G capability ensures fast access to central servers and cloud applications, preventing congestion during large file transfers or system backups.

SD-Access Fabric Automation

Programmable Network. Fully compatible with Cisco's Software-Defined Access (SD-Access) architecture. It can function as a programmable fabric node, enabling automated network segmentation, consistent security policies, and simplified user onboarding across the campus.

Virtual Routing and Forwarding (VRF)

Secure Traffic Isolation. Supports VRF-Lite, allowing network administrators to create multiple virtual routing tables on a single physical switch. This is essential for securely isolating different traffic types (e.g., Guest Network vs. Corporate Data) on the same hardware infrastructure.

Pure Data Port Efficiency

Optimized Hardware. Designed specifically for endpoints that have their own power sources, such as office PCs, lab workstations, and servers. By removing the PoE hardware circuitry, this model offers a lower acquisition cost and reduced thermal footprint compared to PoE-capable equivalents.

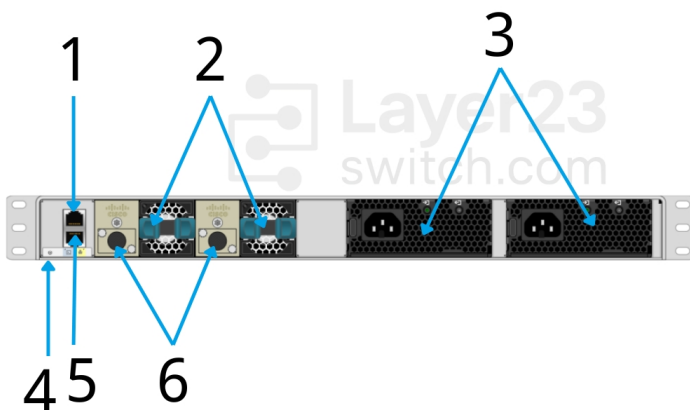
Resilient Hardware Design

Dual Redundancy. Built for business continuity, the C9200L series supports dual field-replaceable power supplies and redundant fixed fans. This design ensures that critical network connectivity remains online even in the event of a primary power source failure.

Catalyst 9200L Access Layer Switch Rear Panel

The switch rear panel includes StackWise connectors, StackPower or XPS connectors, ports, fan modules, and power supply modules.

1	RJ-45 console port	4	Blue Beacon LED
2	Fixed fan modules on C9200L switches	5	MGMT (RJ-45 10/100/1000 management port)
3	Power supply module slots	6	StackWise-80 port connectors

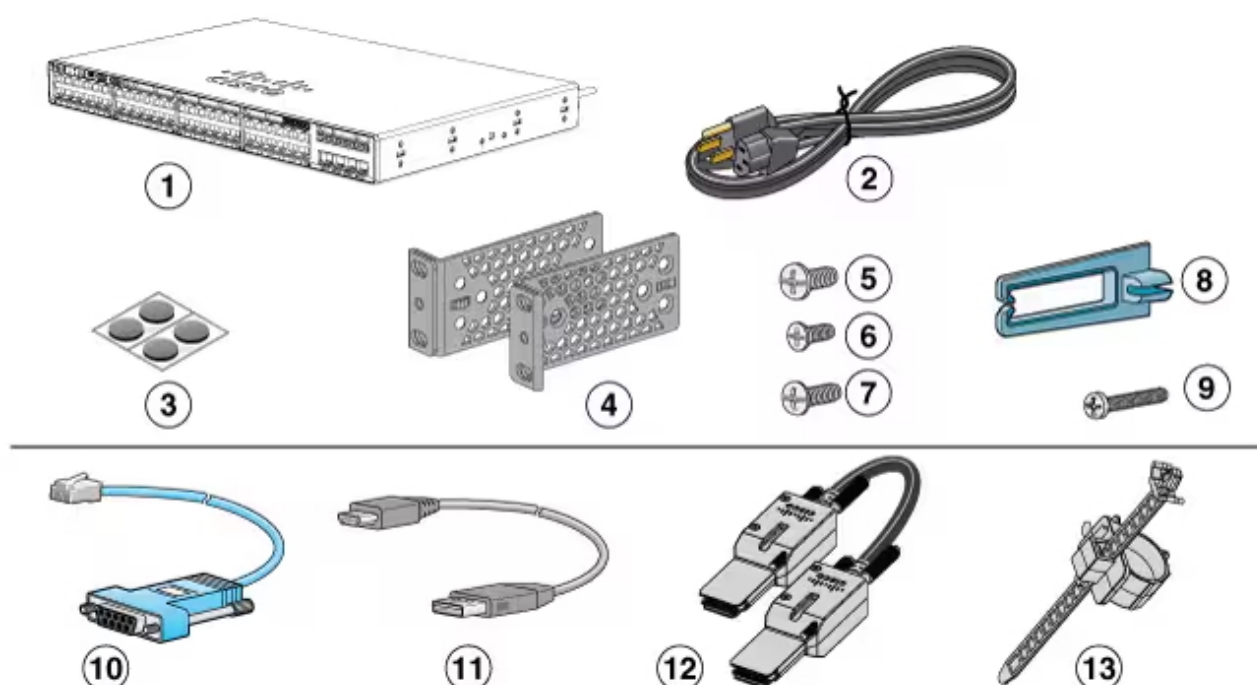


Catalyst 9200L Access Layer Switch Components Delivered in the Shipping Box

The shipping box contains the model of the switch you ordered and other components needed for installation. Some components are optional, depending on your order.

1	Cisco Catalyst 9200 Series switch ¹ (power supply modules are not displayed)	8	Cable guide
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2	AC power cord	9	M4.0 x 20mm Phillips pan-head screw
3	Four rubber mounting feet	10	RJ-45 USB console cable ¹
4	Two 19-inch mounting brackets	11	(Optional) USB console cable ¹
5	4 number-12 pan-head screw	12	(Optional) StackWise cable ¹ (0.5-meter, 1-meter, or 3-meter)
6	4 number-10 pan-head screws	13	Power cord retainer
7	8 number-8 Phillips flat-head screws	-	-



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Specification

Parameter	Details	Parameter	Details
Model SKU	C9200L-48T-4X-A	Series Family	Cisco Catalyst 9200L
Software License	Network Advantage	Uplink Ports	4 x 10G SFP+ (Fixed)
Downlink Ports	48 x 10/100/1000 Data Only	PoE Capability	No (Data Only)
Switching Capacity	176 Gbps	Forwarding Rate	130.95 Mpps
Stacking Technology	StackWise-80	Stacking Bandwidth	80 Gbps
Stacking Members	Up to 8 Units	MAC Address Table	16,000 Entries

Parameter	Details	Parameter	Details
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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