

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

# C9200L-48P-4G-A

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C9200L-48P-4G-A</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

<b>200+</b> Countries Sold	<b>18,000+</b> Customers Trusted	<b>\$20M</b> Inventory Available	<b>1-Year</b> Warranty Support
-------------------------------	-------------------------------------	-------------------------------------	-----------------------------------

## Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

[View Product Page & Request a Quote](#)

## C9200L-48P-4G-A Datasheet

The Cisco C9200L-48P-4G-A datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9200L-48P-4G-A and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)



---

## 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 IS-IS. 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.

### SD-Access Fabric Automation

Policy-Based Segmentation. Fully capable of participating in a Cisco SD-Access fabric. It supports advanced automation features like Virtual Extensible LAN (VXLAN) and LISP, enabling automated user onboarding, micro-segmentation, and consistent security policies across the network, reducing manual configuration errors.

### 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.

### High-Density PoE+ Power

740W Budget. With a default power supply of 1000W delivering 740W of PoE budget, this switch can power a full floor of 48 IP phones (at ~15W each) or a mix of high-power Wi-Fi 6 APs and cameras. This eliminates the need for midspan injectors and simplifies power management in the wiring closet.

### 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 critical for environments that need to strictly isolate different departments (e.g., Guest, IoT, Corporate) while sharing the same physical infrastructure.

### Resilient Hardware Design

Dual Redundancy. Built for business continuity, the C9200L series supports dual field-replaceable power supplies and redundant fixed fans. This ensures that the network stays online even if a power supply fails, providing the reliability needed for critical voice and security applications.

## Specification

Parameter	Details	Parameter	Details
<b>Model SKU</b>	C9200L-48P-4G-A	<b>Series Family</b>	Cisco Catalyst 9200L
<b>Software License</b>	Network Advantage	<b>Uplink Ports</b>	4 x 1G SFP (Fixed)
<b>Downlink Ports</b>	48 x 10/100/1000 PoE+	<b>PoE Standard</b>	IEEE 802.3at (PoE+)
<b>Default PoE Budget</b>	740 W (with 1x 1000W PSU)	<b>Max PoE Budget</b>	1440 W (with 2x 1000W PSU)
<b>Switching Capacity</b>	104 Gbps	<b>Forwarding Rate</b>	77.38 Mpps
<b>Stacking Technology</b>	StackWise-80	<b>Stacking Bandwidth</b>	80 Gbps
<b>Stacking Members</b>	Up to 8 Units	<b>MAC Address Table</b>	16,000 Entries
<b>Total IPv4 Routes</b>	11,000 (8,000 direct + 3,000 indirect)	<b>Total IPv6 Routes</b>	3,000
<b>Multicast Groups</b>	1,000	<b>QoS Scale Entries</b>	1,000
<b>ACL Scale Entries</b>	1,500	<b>Packet Buffer</b>	6 MB
<b>Flexible NetFlow</b>	16,000 flows	<b>VLAN IDs</b>	4,096
<b>Max SVIs</b>	512	<b>Jumbo Frames</b>	9198 bytes
<b>Routing Protocols</b>	OSPF, EIGRP, ISIS, RIP, VRF	<b>DRAM</b>	2 GB
<b>Flash Memory</b>	4 GB	<b>Power Supply Type</b>	PWR-C5-1KWAC (Default)
<b>Power Redundancy</b>	Dual Modular (Field Replaceable)	<b>Fan System</b>	Fixed Redundant
<b>MTBF (Hours)</b>	347,760	<b>Heat Dissipation</b>	~2600 BTU/hr (Max PoE)
<b>Height</b>	1.73 in (4.4 cm)	<b>Width</b>	17.5 in (44.5 cm)
<b>Depth</b>	11.3 in (28.8 cm)	<b>Weight</b>	10.38 lb (4.71 kg)
<b>Operating Temperature</b>	23°F to 113°F (-5°C to 45°C)	<b>Acoustic Noise</b>	42 dBA (Typical)
<b>Safety Certifications</b>	UL 60950-1, IEC 60950-1, CAN/CSA C22.2	<b>EMC Certifications</b>	FCC Part 15 Class A, EN 55032

## Want to Buy

---

[Order Now](#) [Get a Quote](#)

## Why Layer23-Switch.com

---

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

<b>200+</b> Countries we Sold	<b>18,000+</b> Customers Trusted	<b>\$20,000,000</b> Inventory Available	<b>50%-98%</b> Off Global List Price	<b>100%</b> Safe Online Shopping
----------------------------------	-------------------------------------	--	---	-------------------------------------

## Contact Us

---

- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [layer23-switch](#)
- Telegram: [layer23\\_switch](#)
- Email: [sales@layer23-switch.com](mailto:sales@layer23-switch.com)

### Need Price and Availability for C9200L-48P-4G-A?

View product details, request a quote, or check current stock from Layer23-Switch.

[View Product Details & Request a Quote](#)