

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

# C9200L-48T-4X-E

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C9200L-48T-4X-E</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
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## C9200L-48T-4X-E Datasheet

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



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## Key Features

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### High-Speed 10G Uplinks

Core Connectivity. Equipped with four fixed 10 Gigabit SFP+ ports, this switch ensures that the aggregate traffic from 48 users does not create a bottleneck at the uplink. It provides a future-proof path for connecting to 10G aggregation switches or servers, handling large file transfers and multimedia traffic with ease.

### Pure Data Port Efficiency

Optimized for Non-Powered Devices. Specifically engineered for environments connecting devices that have their own power sources, such as office workstations, printers, and rack-mount servers. By removing the PoE hardware circuitry, this model offers a lower total cost of ownership (TCO) and reduced power consumption compared to PoE models.

### StackWise-80 Simplicity

Unified Operations. Supports Cisco's StackWise-80 technology, allowing you to stack up to 8 switches into a single logical unit with 80 Gbps of backplane bandwidth. This simplifies configuration and troubleshooting, as the entire stack is managed via a single IP address, reducing operational complexity for IT teams.

### Enterprise Security

Trustworthy Foundation. Features integrated security capabilities including Secure Boot, Image Signing, and MACsec encryption. These features protect the integrity of the switch hardware and software, ensuring that the network edge remains secure against tampering and eavesdropping attacks.

### Layer 3 Routed Access

Network Essentials. Comes with the Network Essentials license, which includes essential Layer 3 features such as OSPF Routed Access, Static Routing, and RIP. This allows the switch to handle local routing tasks, improving network efficiency by keeping local traffic off the core network.

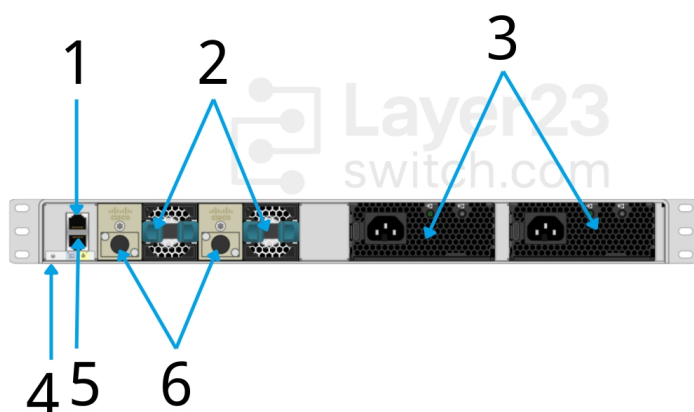
### Resilient Hardware

Dual Redundancy. Unlike many entry-level switches, the C9200L series supports dual field-replaceable power supplies and redundant fixed fans. This ensures continuous operation even if a power supply fails, providing the uptime assurance required for critical business communications.

## 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.

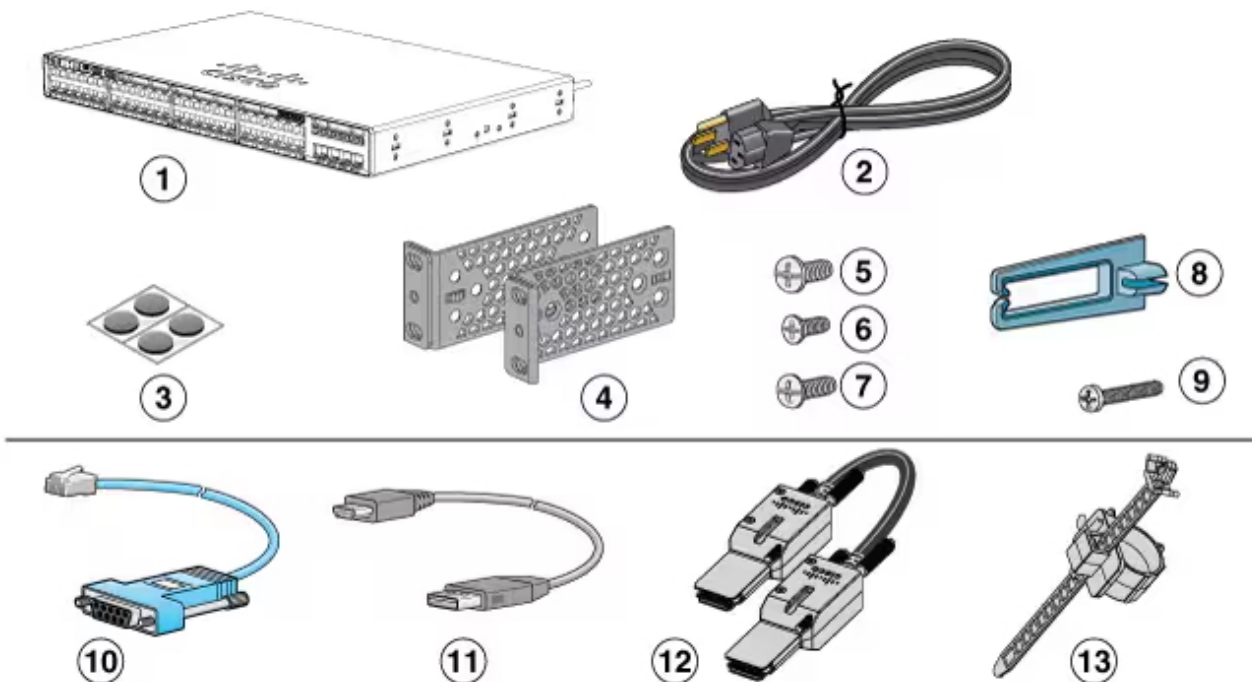
1	RJ-45 console port	4	Blue Beacon LED
2	Fixed fan modules on C9200L switches	5	MGMT (RJ-45 10/100/1000 management port)
3	Power supply module slots	6	StackWise-80 port connectors



## 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 <sup>1</sup> (power supply modules are not displayed)	8	Cable guide
2	AC power cord	9	M4.0 x 20mm Phillips pan-head screw
3	Four rubber mounting feet	10	RJ-45 USB console cable <sup>1</sup>
4	Two 19-inch mounting brackets	11	(Optional) USB console cable <sup>1</sup>
5	4 number-12 pan-head screw	12	(Optional) StackWise cable <sup>1</sup> (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
<b>Model SKU</b>	C9200L-48T-4X-E	<b>Series Family</b>	Cisco Catalyst 9200L
<b>Software License</b>	Network Essentials	<b>Uplink Ports</b>	4 x 10G SFP+ (Fixed)
<b>Downlink Ports</b>	48 x 10/100/1000 Data Only	<b>PoE Capability</b>	No (Data Only)
<b>Switching Capacity</b>	176 Gbps	<b>Forwarding Rate</b>	130.95 Mpps

Parameter	Details	Parameter	Details
<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 Routed Access, Static, RIP	<b>DRAM</b>	2 GB
<b>Flash Memory</b>	4 GB	<b>Power Supply Type</b>	PWR-C5-125WAC (Default)
<b>Power Redundancy</b>	Dual Modular (Field Replaceable)	<b>Fan System</b>	Fixed Redundant
<b>MTBF (Hours)</b>	346,270	<b>Heat Dissipation</b>	~450 BTU/hr (Typical)
<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>	9.59 lb (4.35 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

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