

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**C9200L-24P-4X-E**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C9200L-24P-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-24P-4X-E Datasheet



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

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## Key Features

### Maximized Uplink Performance

Low Oversubscription. Equipped with four fixed 10 Gigabit SFP+ ports, this switch provides 40 Gbps of total uplink capacity for just 24 users. This low oversubscription ratio ensures that bandwidth-intensive applications, such as large file transfers or high-definition video streaming, perform flawlessly without congestion at the network edge.

### Optimized Power Budgeting

Efficient PoE Delivery. With a default 370W power budget distributed across 24 ports, this switch can power a mix of devices effectively. It supports 24 Class 3 (15.4W) devices simultaneously or up to 12 Class 4 (30W) devices like high-performance Wi-Fi 6 Access Points, eliminating the need for external power injectors.

### StackWise-80 Simplicity

Unified Management. 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 network operations by enabling configuration and monitoring of the entire stack through a single IP address, reducing administrative overhead.

### Enterprise Security Foundation

Trusted Defense. Features Cisco's integrated security stack, including Secure Boot, Image Signing, and Trust Anchor module. It also supports AES-128 MACsec encryption, ensuring that sensitive data remains secure and private as it traverses the physical network links.

### Layer 3 Routed Access

Network Essentials. Comes with the Network Essentials license, offering key Layer 3 routing features such as Static Routing, RIP, and OSPF Routed Access. This capability allows the switch to handle local traffic routing at the edge, reducing broadcast domains and improving overall network efficiency.

### Resilient Hardware Design

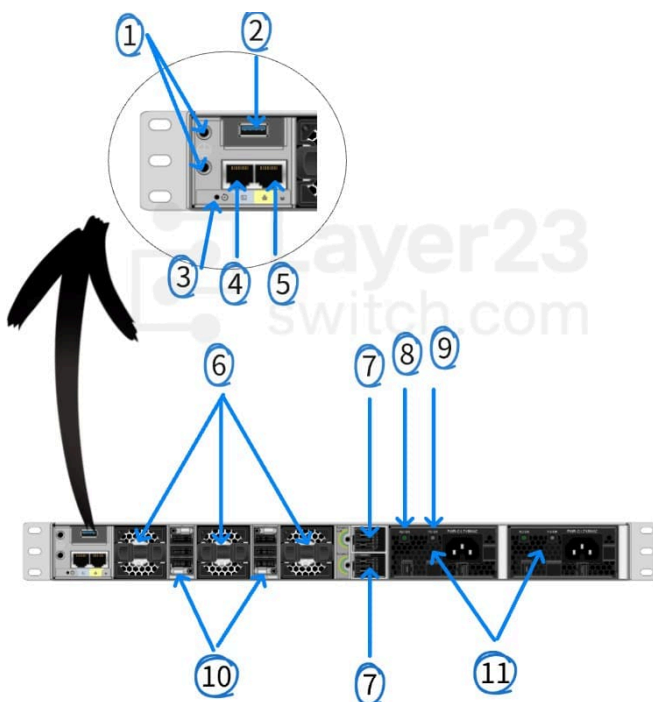
Business Continuity. Unlike typical entry-level switches, the C9200L series supports dual field-replaceable power supplies and redundant

fixed fans. This N+1 redundancy ensures that critical voice and wireless services remain online even in the event of a primary power source failure.

## C9200L-24P-4X-E Switch Rear Panel

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

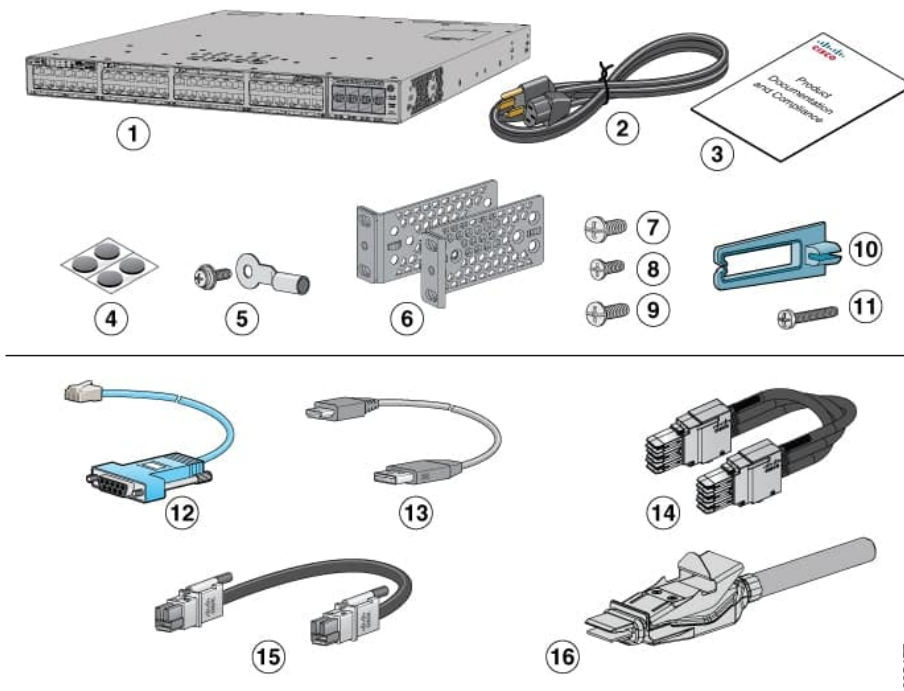
1	Ground connectors	7	StackPower connectors
2	USB3.0-SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	-	-



## 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 9300 Series switch with optional network module <sup>1</sup> (power supply and fan modules not shown)	9	Eight number-8 Phillips flat-head screws
2	AC power cord	10	Cable guide
3	Product documentation and compliance document	11	M4.0 x 20mm Phillips pan-head screw
4	Four rubber mounting feet	12	(Optional) RJ-45 console cable
5	Ground lug screw and ring terminal	13	(Optional) USB console cable
6	Two 19-inch mounting brackets	14	(Optional) StackWise-480/1T cable (0.5-meter, 1-meter, or 3-meter)
7	Four number-12 pan-head screws	15	(Optional) StackPower cable (0.3-meter or 1.5-meter)
8	Four number-10 pan-head screws	16	(Optional) StackWise-320 cable



## Specification

Parameter	Details	Parameter	Details
<b>Model SKU</b>	C9200L-24P-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>	24 x 10/100/1000 PoE+	<b>PoE Standard</b>	IEEE 802.3at (PoE+)

Parameter	Details	Parameter	Details
<b>Default PoE Budget</b>	370 W (with 1x 600W PSU)	<b>Max PoE Budget</b>	740 W (with 2x 600W PSU)
<b>Switching Capacity</b>	128 Gbps	<b>Forwarding Rate</b>	95.23 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, RIP, EIGRP Stub, Static	<b>DRAM</b>	2 GB
<b>Flash Memory</b>	4 GB	<b>Power Supply Type</b>	PWR-C5-600WAC (Default)
<b>Power Redundancy</b>	Dual Modular (Field Replaceable)	<b>Fan System</b>	Fixed Redundant
<b>MTBF (Hours)</b>	353,960	<b>Heat Dissipation</b>	~1400 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>	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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