

— CISCO CATALYST 9200L SERIES

Cisco Catalyst 9200L

C9200L-24PXG-4X

The Cisco Catalyst C9200L-24PXG-4X is a managed Layer 3 access switch built for modern enterprise networks. It combines 16 Gigabit PoE+ ports, 8 multigigabit PoE+ ports up to 10G, four fixed 10G SFP+ uplinks, StackWise-80 stacking support and Cisco IOS XE in a 1RU rack-mountable design.

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24

Full PoE+ Access Ports

8 x 10G

Multigigabit Ports (up to 10G)

4 x 10G

Fixed SFP+ Uplinks

272 Gbps

Switching Capacity

PRODUCT OVERVIEW

Multigigabit PoE+ Access Switching with 10G Uplinks

The C9200L-24PXG-4X supports small, midsize and large enterprise access layers. Its multigigabit ports suit Wi-Fi 6 and Wi-Fi 6E access points, while full PoE+ and fixed 10G uplinks simplify deployment of phones, cameras, wireless and IoT devices.

24**24 PoE+ Ports**

All 24 access ports support IEEE 802.3at PoE+ with up to 30W per port.

mG**8 Multigigabit Ports**

Eight ports support 100M, 1G, 2.5G, 5G and 10G speeds for high-bandwidth endpoints.

10G**4 x 10G SFP+ Uplinks**

Four fixed SFP+ uplinks connect to distribution or core switches over fiber or DAC cabling.

80G**StackWise-80**

Stacking is supported with the optional C9200L-STACK-KIT, providing 80 Gbps stacking bandwidth.

L3**1U**

Layer 3 Features

Includes IPv4 and IPv6 routing capabilities, ACLs, QoS and Cisco IOS XE software.

Compact 1RU Design

A rack-mountable chassis with fixed redundant fans for wiring closets and branch offices.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200L-24PXG-4X Detailed Specifications

The following details are based primarily on Cisco's Catalyst 9200 Series data sheet and product documentation.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200L Series
Model	C9200L-24PXG-4X
Product Type	Managed Layer 3 access switch
Downlink Ports	24 ports, full PoE+ (8 multigigabit ports up to 10G, 16 ports up to 1G)
Multigigabit Ports	8 x 100M/1G/2.5G/5G/10G RJ45
Gigabit Ports	16 x 10/100/1000 RJ45
Uplink Ports	4 x 10G SFP+ (fixed)
PoE Standard	IEEE 802.3at (PoE+), up to 30W per port

Specification	Details
PoE Budget	370W with default power supply; 740W with additional secondary power supply
Default Power Supply	PWR-C5-600WAC
Switching Capacity	272 Gbps
Forwarding Rate	214.28 Mpps
Stacking	StackWise-80, 80 Gbps; requires C9200L-STACK-KIT (sold separately)
MAC Address Table	16,000 entries
IPv4 Routing Entries	3,000
IPv6 Routing Entries	1,500
ACL Entries	1,500
Switched Virtual Interfaces	512
Jumbo Frames	9198 bytes
Packet Buffer	6 MB
DRAM / Flash	2 GB / 4 GB
Operating System	Cisco IOS XE
Management	CLI, Web UI, SNMP, Cisco DNA Center

Specification	Details
Cooling	Fixed redundant fans
Form Factor	1RU rack-mountable
Dimensions (H x W x D)	4.4 x 44.5 x 35.0 cm (4.4 x 44.5 x 39.1 cm with default power supply)
Weight	5.44 kg (12 lb)
MTBF	379,410 hours

02 / PLATFORM AND LICENSING

Deployment, Compatibility and Licensing

Available features depend on the software license, IOS XE release and network design. Confirm the required environment before ordering.

Important: The Catalyst 9200L is sold with Network Essentials (-E) or Network Advantage (-A) software variants, and a Cisco DNA subscription license may be required. Confirm the exact SKU suffix and licensing term with the supplier. Fixed C9200L models can only be stacked with other C9200L models, not with modular C9200 models.

03 / USE CASES

Where the Cisco C9200L-24PXG-4X Fits Best

OFF

Enterprise Offices

WiFi

Wi-Fi 6 / 6E Deployments

A reliable access layer for desktops, IP phones and wireless access points.

Multigigabit ports remove the 1G bottleneck for high-speed access points.

CAM

Cameras and IoT

Full PoE+ powers cameras, sensors and other endpoints over a single cable.

EDU

Education and Healthcare

Dependable access switching for campuses, clinics and hospitals.

BR

Branch Offices

Compact 1RU switching with 10G uplinks for branch connectivity.

STK

Scalable Stacked Networks

Add more C9200L switches with the optional stack kit as the network grows.

04 / ACCESSORIES

Related Cisco Accessories

Accessory	Use
C9200L-STACK-KIT	StackWise-80 stacking kit for Catalyst 9200L models
PWR-C5-600WAC	Default 600W AC power supply
Secondary Power Supply	Optional second power supply to increase the PoE budget to 740W
10G SFP+ Modules / DAC Cables	Fiber or direct-attach connections for the four 10G uplinks

Accessory

Use

Rack-Mount Kit

Mounting hardware for standard 19-inch racks

05 / IMPORTANT INFORMATION

Before You Order

SKU: Confirm the exact model suffix (-E, -A or other) and the included software license.

Power: The default power supply provides a 370W PoE budget; a second power supply is needed for 740W.

Stacking: The C9200L-STACK-KIT is not included and must be ordered separately.

Availability: Confirm stock condition, hardware revision, included items and delivery details with NexoGet.



Need Pricing or Availability for C9200L-24PXG-4X?

Contact NexoGet for pricing, stock availability, product condition, accessories, shipping options and enterprise IT hardware quotations.

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