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CISCO CATALYST

9200L SERIES

48 PORTS

MULTIGIGABIT

POE+

— CISCO CATALYST 9200L SERIES

Cisco C9200L-48PXG-4X

48-Port Multigigabit PoE+ Switch

The Cisco Catalyst C9200L-48PXG-4X is an enterprise-class access switch designed for secure, high-performance wired connectivity. It combines 36 Gigabit Ethernet ports, 12 multigigabit ports supporting speeds up to 10Gbps, four fixed 1/10G uplinks and PoE+ support. It is suited to enterprise access networks, high-bandwidth wireless access points, IP phones, surveillance devices and other powered endpoints.

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48

12 × 10G

Total Ethernet Access Ports

Multigigabit RJ-45 Ports, up to 10Gbps

4 × 10G

Fixed 1/10G Ethernet Uplinks

1440W

Maximum PoE Budget, configuration dependent

PRODUCT OVERVIEW

High-Bandwidth Enterprise Access with Multigigabit Ethernet

The Cisco Catalyst C9200L-48PXG-4X is designed for organizations that need a high-density access switch with multigigabit connectivity and Power over Ethernet. Its combination of Gigabit and multigigabit ports supports conventional wired devices alongside higher-throughput endpoints, while the four fixed uplinks provide high-speed connections to aggregation switches and the wider network.

48P

48 Ethernet Access Ports

Provides 36 Gigabit Ethernet ports and 12 multigigabit ports for a mixed range of enterprise access devices.

10G

Multigigabit Connectivity

Twelve RJ-45 ports support 100Mbps, 1Gbps, 2.5Gbps, 5Gbps and 10Gbps operation, subject to endpoint and cabling capabilities.

UP

Four Fixed Uplinks

Four fixed 1/10G Ethernet uplink ports support high-speed connections to upstream network infrastructure.

PoE

PoE+ Access Switching

PoE+ support helps power compatible access points, IP phones, cameras and other network endpoints without requiring separate local power adapters.

IOS

Cisco IOS XE

The Catalyst 9200L platform uses Cisco IOS XE for enterprise network configuration, monitoring and supported security and management functions.

ENT

Enterprise Access Layer

A fit for branch offices, campus access networks and deployments that combine conventional Ethernet devices with higher-bandwidth wired and wireless infrastructure.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200L-48PXG-4X Detailed Specifications

The following specifications describe the C9200L-48PXG-4X hardware family. Licensing, included power supply, software entitlement and bundled accessories may depend on the exact ordering SKU supplied.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200L Series
Model	C9200L-48PXG-4X
Product Type	Managed enterprise Layer 2/Layer 3 access switch
Total Access Ports	48 copper Ethernet ports
Gigabit Ethernet Ports	36 × 10/100/1000 Mbps RJ-45 ports
Multigigabit Ethernet Ports	12 × RJ-45 multigigabit ports

Specification	Details
Multigigabit Speeds	100Mbps, 1Gbps, 2.5Gbps, 5Gbps and 10Gbps
Uplink Ports	4 × fixed 1/10G Ethernet uplinks
PoE Support	PoE+ on supported access ports
Maximum PoE Budget	Up to 1,440W, subject to power configuration and operating conditions
Power Supply Family	Cisco Catalyst 9200L C5 power supply family; confirm the exact supplied unit and regional SKU
Redundant Power Supply	Do not assume field-replaceable redundant power supply support; this is a fixed-power-supply 9200L model
Network Operating System	Cisco IOS XE
Management	Managed enterprise switch; available management capabilities depend on software release and configuration
Switching Capacity	Confirm the value against the current Cisco data sheet for the exact hardware and software variant before publication
Forwarding Rate	Confirm the value against the current Cisco data sheet for the exact hardware and software variant before publication

Specification	Details
Stacking	Check the current Cisco documentation for the precise stacking support and restrictions of this model
Rack Mounting	Rack-mountable 1RU switch
Chassis Height	1.73 in (4.4 cm)
Chassis Width	17.5 in (44.5 cm)
Chassis Depth	13.8 in (35.0 cm)
Depth with Fans and Power Supply	15.4 in (39.1 cm)
Weight with One Power Supply	Approximately 12.6 lb (5.71 kg); confirm the supplied configuration
Deployment	Campus access, branch office and enterprise wired/wireless access networks
Power and Region	Confirm power-cord type, input requirements and regional compliance before ordering
Licensing Variant	Confirm whether the order is Network Essentials (-E), Network Advantage (-A), or another documented ordering variant

Specification note: The chassis dimensions above refer to the switch itself, not the shipping carton. The final feature set, license entitlement, power accessories and warranty coverage should be confirmed

against the exact part number offered by the supplier.

02 / PORT ARCHITECTURE

Designed for High-Speed Access and Uplink Connectivity

The mix of Gigabit and multigigabit Ethernet makes this switch useful for networks where some endpoints need more than conventional 1Gbps access bandwidth. The fixed uplinks can connect the access layer to distribution switches, core infrastructure or other compatible upstream devices.

1G

36 Gigabit Ports

Connect PCs, printers, standard IP phones, access-control devices and other conventional Ethernet endpoints.

MG

12 Multigigabit Ports

Support compatible access points and endpoints that can negotiate higher link speeds over suitable copper cabling.

10U

10G Uplink Options

Use the four fixed 1/10G uplinks to build high-speed connections to compatible upstream network equipment.

Cabling matters: Achieving 2.5Gbps, 5Gbps or 10Gbps over copper depends on the connected device, port negotiation, cable category, cable length and installation quality. Verify the complete link path before planning 10Gbps access connections.

03 / POWER OVER ETHERNET

PoE+ for Wireless, Voice and Network Endpoints

Power over Ethernet can simplify deployments by carrying electrical power and network traffic over compatible Ethernet cabling. This is particularly useful for ceiling-mounted wireless access points, desk phones and selected security devices.

AP

Wireless Access Points

Connect compatible Wi-Fi access points, including higher bandwidth devices that can benefit from multigigabit links.

IP

IP Telephony

Provide network connectivity and PoE+ power to compatible Cisco IP phones and other supported VoIP endpoints.

SEC

Security Devices

Connect compatible IP cameras, access-control devices and other powered Ethernet equipment.

PoE budget reminder: The maximum stated budget is not the same as the power available to every port simultaneously in every installation. Check the connected devices' power classes, total wattage requirements, power-supply configuration and Cisco's power-budget tables before deployment.

04 / SOFTWARE AND LICENSING

Cisco IOS XE, Management and Licensing Considerations

The Catalyst 9200L family is built for managed enterprise networks. Supported capabilities depend on the installed software release, license tier, configuration and integration with the wider network environment.

OS

LIC

Cisco IOS XE

Provides the software platform used to configure and operate supported switching, monitoring and network management functions.

License Verification

Confirm Network Essentials or Network Advantage entitlement, subscription terms and included software rights for the exact orderable SKU.

NET

Network Integration

Check software compatibility, supported features and interoperability with existing access, distribution and core network equipment.

Ordering note: Cisco ordering codes may include licensing or regional suffixes such as -E and -A. These suffixes can affect the included license or entitlement. Confirm the complete SKU, license status and software requirements with NexoGet before purchasing.

05 / APPLICATIONS

Where the Cisco C9200L-48PXG-4X Fits Best

This model is suited to access-layer deployments that need a large number of Ethernet connections, PoE+ support and multigigabit access for selected endpoints.

HQ

Enterprise Offices

Connect workstations, printers, phones, meeting-room devices and other business network equipment.

WIFI

High-Density Wi-Fi

Provide multigigabit Ethernet access to compatible wireless access points that can exceed 1Gbps throughput.

BR

Branch Networks

Consolidate wired access connectivity and supported powered devices within a branch or remote office.

VOIP

Voice and Collaboration

Connect compatible IP phones and collaboration endpoints while simplifying power delivery with PoE+.

CCTV

IP Surveillance

Provide Ethernet connectivity and power to compatible IP surveillance devices, subject to the PoE budget.

LAN

Campus Access Layer

Connect endpoint devices to a managed enterprise LAN with high-speed uplinks to upstream switching infrastructure.

06 / MODEL COMPARISON

Compare Related Cisco Catalyst Switches

Compare port counts, uplink types and PoE requirements when selecting a Catalyst access switch. Always verify the exact configuration and licensing suffix before ordering.

Model	Key Configuration
C9200L-48PXG-4X	48 ports: 36 Gigabit plus 12 multigigabit ports; four fixed 1/10G uplinks; PoE+.
C9200L-48P-4X-E	48 PoE+ Gigabit access ports with four fixed 1/10G uplinks; compare if multigigabit access is not required.

Model	Key Configuration
C9200L-48P-4G-E	48 PoE+ Gigabit access ports with four fixed 1G uplinks.
C9200L-48T-4X-E	48 data-only Gigabit access ports with four fixed 1/10G uplinks.
C9200L-24PXG-4X-E	24-port multigigabit PoE+ model with eight multigigabit ports and four fixed 1/10G uplinks.
C9200-48PXG	Catalyst 9200 model with a different hardware and uplink architecture; not the same product as the 9200L.
C9300X-24Y-E	A different Catalyst family for network designs that require different port and uplink capabilities.

Choosing the right model: Select the C9200L-48PXG-4X when the combination of 48 access ports, 12 multigigabit connections, four 1/10G uplinks and PoE+ matches the deployment. A standard 48-port Gigabit model may be more suitable when multigigabit access is unnecessary.

07 / RELATED PRODUCTS

Explore Related Cisco Networking Products

Browse other Cisco Catalyst switches and enterprise network products available in the NexaGet catalog.

Cisco C9200-24P-E Switch

Cisco C9200-48P-E Switch

[Cisco C9200-48T-E Switch](#)[Cisco C9200L-24P-4G-E Switch](#)[Cisco C9200L-24P-4X-E Switch](#)[Cisco C9200L-24T-4G-E Switch](#)[Cisco C9200L-24T-4X-E Switch](#)[Cisco C9200L-48P-4G-E Switch](#)[Cisco C9200L-48P-4X-E Switch](#)[Cisco C9200L-48PL-4G Switch](#)[Cisco C9200L-48T-4G Switch](#)[Cisco C9200L-48T-4X-E Switch](#)[Cisco C9200-24PXG Switch](#)[Cisco C9200-48PXG Switch](#)[Cisco C9300-24S-E Switch](#)[Cisco C9300X-12Y-E Switch](#)[Cisco C9300X-24Y-E Switch](#)[Cisco C9500-48Y4C-E Switch](#)[Cisco C1300-48P-4X Switch](#)[Cisco C1300-48FP-4X Switch](#)[Cisco C1300-48MGP-4X Switch](#)[Cisco C1300X-48P-4X Switch](#)[Cisco C1200-48P-4X Switch](#)[Cisco C1000-48P-4G-L Switch](#)[What Is a Cisco Switch?](#)[Browse NexoGet Networking Products](#)

08 / INSTALLATION AND ACCESSORIES

Installation Planning and Compatible Equipment

Plan the installation around the switch's rack space, power requirements, airflow, uplink transceivers or cables where applicable, and the cabling needed for each connected endpoint.

Item	Purpose
Rack Mounting Hardware	Use the appropriate rack-mount kit and mounting hardware specified for the supplied switch.
Ethernet Patch Cables	Select cable category and length appropriate for the intended 1G, 2.5G, 5G or 10G link.
10G Uplink Cabling	Select supported copper or fiber connectivity based on the uplink interface, distance and upstream device.
Compatible Optics or Cables	Verify Cisco compatibility and the interface type before ordering any uplink transceiver or direct-attach cable.
UPS and Power Distribution	Size the power protection and distribution system for switch consumption and the planned PoE endpoint load.
Network Management Infrastructure	Confirm the required management access, software entitlements and monitoring compatibility.

09 / IMPORTANT INFORMATION

What to Check Before Ordering

Exact model: Confirm that the quotation specifies C9200L-48PXG-4X and check any licensing, regional or software suffixes.

Port requirements: Make sure the 12 multigigabit ports, 36 Gigabit ports and four fixed 1/10G uplinks match your planned network design.

PoE capacity: Confirm the total power required by all connected devices. The maximum PoE budget depends on the power configuration and operating conditions.

Uplink compatibility: Verify the cable, optic or upstream interface required for each uplink. Do not assume every accessory is included.

Software and licensing: Confirm the included license tier, software requirements and feature compatibility with your existing network.

Physical installation: Allow sufficient rack depth, cable clearance, ventilation and power access. Shipping carton dimensions differ from chassis dimensions.

Condition and warranty: Confirm whether the supplied unit is new, refurbished or used, as well as warranty coverage, included accessories and delivery terms with NexoGet.



Need Pricing or Availability for C9200L-48PXG-4X?

Contact NexoGet for current pricing, stock availability, product condition, licensing details, compatible accessories, shipping options and enterprise networking quotations.

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