

CISCO CATALYST 9200L SERIES

Cisco Catalyst Switch

C9200L-48PXG-2Y

The Cisco Catalyst C9200L-48PXG-2Y is an enterprise-class managed access switch designed for high-performance wired networks, modern wireless access points and business-critical connectivity. It combines 40 Gigabit Ethernet ports, eight multigigabit ports supporting speeds up to 10 Gbps, full PoE+ capabilities and two fixed 1/10/25G uplinks in a rack-mountable 1U platform.

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48

Full PoE+ Access Ports

8 × 10G

Multigigabit-Capable Access Ports

2 × 25G

Fixed 1/10/25G Uplinks

160 Gbps

StackWise Stacking Bandwidth

PRODUCT OVERVIEW

High-Performance Enterprise Access Switching

The Cisco C9200L-48PXG-2Y is designed for enterprise access-layer deployments that need a combination of standard Gigabit Ethernet, higher-speed multigigabit connectivity and PoE+ device support. Its uplink options and stacking capabilities help network teams build scalable campus and branch networks.

48P**48 PoE+ Access Ports**

Provides 40 Gigabit Ethernet ports and eight multigigabit ports, with full PoE+ support for compatible powered devices.

10G**Multigigabit Connectivity**

Eight RJ-45 multigigabit ports support compatible 100 Mbps, 1G, 2.5G, 5G and 10G Ethernet connections.

25G**High-Speed Uplinks**

Two fixed uplink ports support 1G, 10G and 25G connections, depending on compatible optics, cabling and network configuration.

PoE**Power over Ethernet Plus**

PoE+ support can supply compatible access points, IP phones, cameras and other powered network devices through Ethernet cabling.

160

StackWise-160

Supports Cisco StackWise technology with up to 160 Gbps stacking bandwidth for supported multi-switch deployments.

IOS

Cisco IOS XE

Uses Cisco IOS XE software for enterprise switching, management, monitoring and supported network security features.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200L-48PXG-2Y Detailed Specifications

Review the primary hardware characteristics before selecting this switch for your enterprise network. Exact software features depend on the software release, license and deployment configuration.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200L Series
Model	C9200L-48PXG-2Y
Product Type	Managed enterprise access switch
Total Access Ports	48 Ethernet access ports
Gigabit Ethernet Ports	40 × 10/100/1000 Mbps RJ-45
Multigigabit Ports	8 × RJ-45 ports supporting 100 Mbps, 1G, 2.5G, 5G and 10G Ethernet

Specification	Details
Uplink Ports	2 × fixed 1G/10G/25G uplinks
PoE Capability	Full PoE+ support on access ports
PoE Standard	IEEE 802.3af and IEEE 802.3at, as supported by the platform
Power Supply	PWR-C5-1KWAC, 1000W AC power supply configuration
Power Supply Design	Field-replaceable power supply; verify the exact supplied configuration
Stacking Technology	Cisco StackWise-160
Stacking Bandwidth	Up to 160 Gbps
Network Operating System	Cisco IOS XE
Switching Layer	Layer 2 switching and supported Layer 3 features, depending on software and license
Rack Mounting	Rack-mountable chassis
Rack Height	1U
Dimensions	Approx. 44.5 × 35.0 × 4.4 cm (W × D × H), chassis dimensions

Specification	Details
Weight	Approx. 5.71 kg with one power supply installed; configuration may affect weight
Typical Applications	Enterprise campus, branch, wireless access and converged access networks

Configuration note: Power budget, licensing, software features, optics and included accessories depend on the exact ordering SKU and hardware configuration. Confirm these details before ordering. Dimensions above describe the switch, not its shipping carton.

02 / NETWORK AND POWER

PoE+, Multigigabit and Uplink Design

The C9200L-48PXG-2Y combines conventional Gigabit Ethernet access with higher-bandwidth ports for devices that can benefit from multigigabit connectivity.

AP

Wireless Access Points

Multigigabit ports are useful for compatible high-throughput wireless access points, including selected Wi-Fi 6 and Wi-Fi 6E deployments.

LAN

Wired Business Devices

The 40 Gigabit Ethernet access ports support computers, printers, IP phones and other standard Ethernet devices.

UP

Distribution Connectivity

The two 1/10/25G-capable uplinks can connect to compatible distribution switches

or aggregation infrastructure.

Important: A 25G-capable uplink does not mean that every transceiver, cable or remote switch will support 25G. Check Cisco compatibility documentation for the intended link type. For 10GBASE-T operation on multigigabit ports, use the appropriate supported cabling category and length.

03 / MANAGEMENT AND DEPLOYMENT

Enterprise Network Management

Cisco Catalyst 9200L switches are designed for managed network environments where administrators need centralized configuration, monitoring and consistent access-layer policies.

CLI

IOS XE Management

Use supported Cisco IOS XE management and configuration workflows appropriate to the installed software release.

SEC

Network Policy Support

Implement supported access controls, segmentation and security features according to the license, software release and network design.

MON

Operational Monitoring

Integrate the switch with compatible monitoring and management tools to support troubleshooting and network operations.

Licensing reminder: Cisco software features and license entitlements vary by software tier, subscription, deployment and ordering SKU. Confirm the Network Essentials or Network Advantage

entitlement associated with the exact part number.

04 / USE CASES

Where the C9200L-48PXG-2Y Fits Best

ENT

Enterprise Campuses

Suitable for access-layer connectivity in offices and campus buildings with a mixture of standard and higher-speed Ethernet devices.

WIFI

High-Performance Wi-Fi

Eight multigigabit ports provide connectivity options for compatible high-throughput wireless access points.

BR

Large Branch Offices

Consolidate wired users, wireless access points, phones and other compatible powered devices on a managed access switch.

VOIP

Voice and Collaboration

PoE+ access can power supported IP phones and collaboration endpoints while keeping network access centrally managed.

CAM

IP Cameras and IoT

Connect compatible PoE-powered cameras and network devices, subject to their power needs and the switch's available PoE budget.

STK

Stacked Access Networks

StackWise-160 supports suitable multi-switch designs where simplified management and coordinated access switching are required.

05 / RELATED CISCO SWITCHES

Compare Related Catalyst 9200L Models

Explore other Cisco Catalyst switches on NexoGet to compare port counts, uplink choices and deployment requirements.

Related Product	Key Difference
<u>Cisco C9200L-24PXG-2Y</u>	24 access ports, including eight multigigabit ports, with two 1/10/25G-capable uplinks.
<u>Cisco C9200L-48PXG-4X</u>	48 access ports, including 12 multigigabit ports, with four 1/10G-capable uplinks.
<u>Cisco C9200L-24PXG-4X</u>	24 access ports, including eight multigigabit ports, with four 1/10G-capable uplinks.
<u>Cisco C9200L-48P-4X-E</u>	48 Gigabit PoE+ access ports and four 1/10G-capable uplinks; no multigigabit access ports.
<u>Cisco C9200L-48PL-4X</u>	48-port partial PoE+ model with four 1/10G-capable uplinks.
<u>Cisco C9200L-48T-4X-E</u>	48-port data-only model with four 1/10G-capable uplinks.
<u>Cisco C9200L-24P-4X-E</u>	24 Gigabit PoE+ access ports with four 1/10G-capable uplinks.
<u>Cisco C9200-48P-E</u>	A related Catalyst 9200 family model; compare hardware architecture, features and license requirements.

Model selection: Choose the C9200L-48PXG-2Y when you need 48 PoE+ access ports, eight multigigabit access ports and two 25G-capable uplinks. If your network needs more uplinks or a different port mix, compare the related models above before ordering.

06 / EXPLORE MORE ON NEXOGET

More Cisco Networking Resources

Explore related network hardware and NexoGet resources to plan your switching, deployment and purchasing requirements.

Resource	How It Helps
<u>Cisco C1200-24P-4X</u>	Compare a Cisco Business 1200 Series switch for different network requirements.
<u>Cisco C1200-48P-4X</u>	Review an alternative 48-port Cisco Business switching platform.
<u>Cisco C1300-48P-4G</u>	Explore another managed 48-port PoE+ switch option.
<u>Cisco C1300-48FP-4X</u>	Compare another 48-port PoE switch with different uplink options.
<u>Cisco C1300-24P-4G</u>	Review a 24-port managed PoE+ switch for smaller deployments.
<u>What Is a Cisco Switch?</u>	Learn about switching fundamentals and common network deployment roles.

Resource	How It Helps
<u>NexoGet Shop</u>	Browse additional networking products and enterprise IT hardware.
<u>NexoGet Blog</u>	Explore additional technology and product information.
<u>About NexoGet</u>	Learn more about NexoGet and its business focus.
<u>Contact NexoGet</u>	Contact the team for product questions and quotation requests.
<u>Customer Services</u>	Find customer support information and service guidance.
<u>Warranty Information</u>	Review the available warranty information before purchasing.

07 / IMPORTANT INFORMATION

Before You Order the C9200L-48PXG-2Y

Model verification: Confirm the complete Cisco part number and the required software/license option before purchase.

Power budget: The actual PoE power available to connected devices depends on the installed power configuration and system requirements. Confirm the required power budget for your deployment.

Uplink compatibility: Check transceiver, fiber, DAC or other cabling compatibility before planning 1G, 10G or 25G uplink connections.

Stacking: Confirm supported stacking hardware, cables and the intended software configuration before building a switch stack.

Shipping: Shipping weight and carton dimensions can differ from the switch's physical dimensions. Ask NexoGet to confirm the packed shipment details for your order.

Availability: Contact NexoGet to confirm stock status, product condition, included accessories, licensing and delivery options.



Need Pricing or Availability for C9200L-48PXG-2Y?

Contact NexoGet for pricing, availability, product condition, configuration questions, licensing, compatible accessories and international shipping information for the Cisco Catalyst C9200L-48PXG-2Y.

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