

— CISCO CATALYST 9200 SERIES

Cisco Catalyst C9200-48PXG

48-Port Multi-Gigabit PoE+ Switch

The Cisco Catalyst C9200-48PXG is an enterprise-class managed access switch built for business and campus networks that need high-speed connectivity and power for connected devices. It combines 48 Ethernet ports, including 8 multi-gigabit ports supporting speeds up to 10 Gbps, full PoE+ capability, modular uplink options, and Cisco StackWise-160 technology in the Catalyst 9200 family.

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48

Ethernet Ports

8 × 10G

Multi-Gigabit Ports, up to 10 Gbps

PoE+

Full PoE+ Support

160

StackWise-160 Stacking

PRODUCT OVERVIEW

Enterprise Access Switching with Multi-Gigabit Connectivity

The Cisco Catalyst C9200-48PXG is designed for organizations that need more than conventional Gigabit access. Its multi-gigabit ports can support higher-speed endpoints such as capable wireless access points, while the remaining Gigabit Ethernet ports connect desktops, printers, phones, cameras and other network devices. Full PoE+ support helps simplify deployments by carrying both data and power over compatible Ethernet cabling.

48P**48 Ethernet Ports**

Connect a broad range of wired endpoints from one managed access-switch platform.

10G**Multi-Gigabit Access**

Eight ports support multi-gigabit connectivity up to 10 Gbps for compatible high-throughput devices.

PoE+**Power over Ethernet**

Full PoE+ support can power compatible access points, IP phones, cameras and other powered devices.

UP**Modular Uplinks**

Supported uplink modules provide options for connecting the access layer to distribution or core networks.

STK

StackWise-160

Stacking support helps eligible deployments manage multiple switches as a logical stack.

SEC

Enterprise Network Controls

Cisco IOS XE and Catalyst 9200 family capabilities support managed enterprise access and network policy deployments.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200-48PXG Detailed Specifications

The specifications below summarize the C9200-48PXG configuration. Confirm the exact ordering suffix, software license, power configuration and supported accessories before purchasing.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200 Series
Model	C9200-48PXG
Ordering Variants	C9200-48PXG-E (Network Essentials) / C9200-48PXG-A (Network Advantage)
Product Type	Managed enterprise access switch
Total Ethernet Ports	48
Multi-Gigabit Ports	8 ports, supporting speeds up to 10 Gbps
Other Ethernet Ports	40 × 1 Gigabit Ethernet
PoE Capability	Full PoE+ support

Uplink Architecture	Modular uplink slot
Compatible Uplink Module Options	C9200-NM-2Y (2 × 25G), C9200-NM-2Q (2 × 40G), C9200-NM-4X (4 × 1/10G), subject to Cisco compatibility documentation
Stacking Technology	Cisco StackWise-160
MAC Address Table	32,000 entries
IPv4 Routes	14,000 (10,000 direct and 4,000 indirect)
Virtual Networks	4, as listed for this model in Cisco Catalyst 9200 family specifications
Power Supply Class	1000W (C6 configuration class; confirm exact installed power supply and orderable SKU)
Operating System	Cisco IOS XE
Network Layer	Layer 2 and Layer 3 capabilities, depending on feature set and license
Mounting	Rack deployment; verify included mounting hardware for the specific package
Dimensions and Shipping Weight	Exact chassis/package measurements are not stated here because they must be confirmed against the exact hardware and packaging configuration.

Configuration note: The C9200-48PXG is not the same configuration as the C9200-48PB. Verify the exact model and license suffix before comparing port features, routing scale or virtual-network capacity.

Deployment, Uplinks and Network Planning

The C9200-48PXG can serve as an access-layer switch in business offices, campus buildings and wired network closets. Its multi-gigabit access ports are useful where supported endpoints require more than 1 Gbps, while modular uplinks let network teams select a suitable connection to the upstream switching layer.

Wireless Access Points

Use compatible multi-gigabit ports for access points that support higher Ethernet link rates. Confirm the access point's port speed and power requirements.

Business Endpoints

Connect computers, printers, IP phones, cameras and other standard Gigabit Ethernet devices across the 48-port access layer.

Uplink Flexibility

Choose a supported modular uplink option based on the upstream switch, required bandwidth, fiber type and transceiver compatibility.

Stacked Access

StackWise-160 can simplify operations in supported stack designs. Confirm stack member compatibility, cabling and software requirements.

PoE Device Planning

Calculate total device power draw and check the installed power-supply configuration before deploying many powered endpoints.

License Selection

Compare Network Essentials and Network Advantage against the routing, segmentation and management features required by your network.

Explore Related Cisco Switches

Compare port density, PoE requirements, uplink options and platform generation before choosing a switch. The following internal links lead to related NexoGet products and resources.

Catalyst 9200 Series

[Cisco C9200-24PB](#)
[Cisco C9200-24PXG](#)
[Cisco C9200-48PL](#)
[Cisco C9200-24P-E](#)
[Cisco C9200-48P-E](#)
[Cisco C9200-48T-E](#)
[Cisco C9200-24T-E-2](#)

Catalyst 9200L Series

[Cisco C9200L-48P-4X-E](#)
[Cisco C9200L-48P-4G-E](#)
[Cisco C9200L-24P-4X-E](#)
[Cisco C9200L-48T-4X-E](#)

Catalyst 9300 and 9500

[Cisco C9300X-12Y-E](#)
[Cisco C9300X-24Y-E](#)
[Cisco C9300-24S-E](#)
[Cisco C9300L-48T-4X-A](#)
[Cisco C9500-48Y4C-E-2](#)

Cisco Business Switching

[Cisco C1300X-48P-4X](#)
[Cisco C1300X-24P-4X](#)
[Cisco C1300X-48T-4X](#)
[Cisco C1300X-24T-4X](#)
[Cisco C1300-48P-4X](#)
[Cisco C1300-48FP-4X](#)
[Cisco C1300-48MGP-4X](#)
[Cisco C1200-48P-4X](#)

Other Switching Options

[MikroTik CRS328-24P-4S+RM](#)
[MikroTik CSS610-8P-2S+IN](#)

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Choosing the Right C9200-48PXG Configuration

Before ordering, confirm the full product identifier, Network Essentials or Network Advantage license, required uplink module, transceivers, power configuration and intended PoE load. The

hardware and license combination should match the features needed in the production network.

Procurement checklist: Confirm exact SKU and condition, stock availability, included accessories, licensing, uplink compatibility, power requirements, warranty coverage and shipping destination. Do not assume every optional module or license is included with the base switch.

05 / PACKAGING

Dimensions, Weight and Shipping Information

Chassis dimensions, installed power-supply configuration and gross shipping measurements should be confirmed for the exact orderable SKU and package. No factory carton dimensions or shipping weight are stated here as verified figures.

Product Model	Cisco Catalyst C9200-48PXG
Chassis Dimensions	Confirm against the applicable Cisco hardware installation guide and exact configuration.
Net Product Weight	Confirm against the exact hardware and power-supply configuration.
Shipping Carton Dimensions	Not verified; measure the packed carton before booking freight.
Gross Shipping Weight	Not verified; weigh the packed carton including accessories and protective packaging.

06 / USE CASES

Where the Cisco C9200-48PXG Fits Best

Campus Access

High-Speed Wireless

Provides managed Ethernet access for office floors, education environments and enterprise campus buildings.

Multi-gigabit ports can accommodate compatible wireless access points that need more than standard Gigabit Ethernet.

PoE Device Networks

Supports compatible powered endpoints such as IP phones, cameras and wireless access points, subject to power-budget planning.

07 / NEXOGET

Request a Quote for Cisco C9200-48PXG

Contact NexoGet to confirm current availability, license options, supported uplink modules, warranty and delivery details for your deployment.

NexoGet

Need a quote for Cisco C9200-48PXG?

Contact NexoGet for pricing, availability, configuration and shipping details.

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