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CISCO CATALYST SWITCH

9200CX SERIES

8-PORT PoE+

10G UPLINKS

— CISCO CATALYST 9200CX COMPACT SERIES

Cisco Catalyst Switch

C9200CX-8P-2XGH

The Cisco Catalyst C9200CX-8P-2XGH is a compact, fanless enterprise managed switch featuring eight Gigabit Ethernet PoE+ access ports, two fixed 10G SFP+ uplinks, two 1G copper uplinks, and a 315W internal HVDC/AC power supply. Designed for space-constrained business networks, it combines enterprise switching capabilities with flexible uplink connectivity and a maximum PoE budget of 240W.

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8 × 1G

2 × 10G

Gigabit PoE+ Access Ports

Fixed SFP+ Uplinks

240W

Maximum PoE Budget

Fanless

Compact Design

PRODUCT OVERVIEW

Compact Enterprise Switching with PoE+ and 10G Uplinks

The Cisco Catalyst C9200CX-8P-2XGH is designed for enterprise access networks that require managed Gigabit Ethernet connectivity, PoE+ device power, and high-speed uplinks in a compact form factor. With eight 10/100/1000 PoE+ access ports, two 10G SFP+ interfaces, and two 1G copper uplinks, it supports a range of business network topologies. Its fanless design is suitable for deployments where reducing equipment noise and saving installation space are important considerations.

8P

Eight Gigabit PoE+ Ports

Eight 10/100/1000 Ethernet access ports provide wired connectivity and PoE+ power for supported network endpoints.

10G

Dual 10G SFP+ Uplinks

Two fixed 10 Gigabit SFP+ uplinks support compatible optical transceivers or direct-attach cables for high-speed connections.

1G

Dual Copper Uplinks

Two fixed 1 Gigabit copper uplinks provide additional Ethernet connectivity options for supported network architectures.

240

240W PoE Budget

The switch provides a maximum PoE power budget of 240W for compatible powered devices, subject to total power consumption.

HV

HVDC/AC Power

This model uses a 315W internal HVDC/AC power supply. Verify electrical input requirements for the intended installation.

FAN

Fanless Compact Design

Fanless operation and compact dimensions help simplify deployment in offices, branch locations, and space-constrained environments.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200CX-8P-2XGH Detailed Specifications

The following technical specifications are based on Cisco Catalyst 9200CX product documentation and hardware installation information.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200CX Compact Series
Model	C9200CX-8P-2XGH
Product Type	Compact Managed Ethernet Switch
Switching Category	Enterprise Access Switch
Downlink Ports	8 × 10/100/1000BASE-T Gigabit Ethernet
PoE Support	IEEE 802.3at PoE+
Maximum PoE Budget	240W
10G Uplink Ports	2 × fixed 10G SFP+

Copper Uplink Ports	2 × fixed 1G copper Ethernet
Total Ethernet Ports	12 Ethernet interfaces, plus 2 SFP+ uplink interfaces
Uplink Configuration	2 × 10G SFP+ and 2 × 1G copper
Switching Capacity	Refer to the official Cisco data sheet for the applicable hardware and software configuration
Forwarding Rate	Refer to the official Cisco data sheet for the applicable configuration
Internal Power Supply	315W HVDC/AC internal power supply
AC Input Voltage	100–277 VAC nominal; 90–305 VAC full range, according to the HVAC power supply specifications
HVDC Input Voltage	120–418 VDC, according to the HVDC power supply specifications
AC Input Frequency	50/60Hz nominal; 47–63Hz full range
Cooling	Fanless
Power Connector	Saf-D-Grid power connector
Console Interface	USB micro-Type B console port
USB Interface	USB Type-A port
Storage Interface	SD card slot

Management Software	Cisco IOS XE; exact supported release depends on the platform and configuration
Physical Dimensions	269 × 244 × 44 mm (10.6 × 9.6 × 1.73 inches), based on Cisco's published dimensions
Device Weight	2.99 kg (6.6 lb)
Operating Temperature	–5°C to 45°C for this model family, subject to installation and transceiver limitations
Storage Temperature	–40°C to 70°C
Relative Humidity	5% to 90%, non-condensing
Operating Altitude	Up to 1,500 m (5,000 ft), subject to environmental requirements
Installation Type	Compact business network deployment; follow Cisco installation guidance

Specification note: Confirm the exact hardware SKU, supported IOS XE release, licensing, power input, and any regional ordering requirements before purchase. The device weight and dimensions above refer to the switch itself, not the shipping carton.

02 / POE+ CONNECTIVITY

Power and Data for Compatible Network Devices

Power over Ethernet Plus allows compatible devices to receive electrical power and network connectivity over the same Ethernet cable. This can simplify cabling and reduce the need for separate power adapters at supported endpoints.

Business IP Phones

Connect compatible enterprise IP phones using Ethernet and supported PoE+ power. Confirm the power class and device requirements before deployment.

Wireless Access Points

Provide network access and PoE+ power to compatible access points, subject to their individual power requirements.

IP Cameras and Endpoints

Connect compatible IP surveillance cameras and other supported Ethernet-powered devices within the available PoE budget.

Understanding the 240W PoE Budget

The C9200CX-8P-2XGH provides a maximum total PoE budget of 240W. The available power must be shared across connected powered devices. Actual deployment capacity depends on each endpoint's power demand, port-level limits, and the total power available from the switch.

Eight PoE+ ports do not mean that every connected device can draw unlimited power simultaneously. Review the power consumption of the intended endpoints and maintain sufficient capacity for the planned network configuration.

For business voice deployments, you can also explore the [Cisco IP Phone 8845](#) available from NexoGet. Confirm its compatibility with the target call-control platform and the selected network configuration.

03 / UPLINK CONNECTIVITY

Dual 10G SFP+ and Dual 1G Copper Uplinks

The C9200CX-8P-2XGH provides both 10 Gigabit SFP+ and 1 Gigabit copper uplink interfaces. This combination allows network designers to select suitable uplink connections based on the existing infrastructure and deployment requirements.

10G SFP+ Uplinks

Two fixed 10G SFP+ interfaces support compatible optical transceivers or direct-attach cables. Select components according to link distance, fiber type, connector, and Cisco compatibility.

1G Copper Uplinks

Two fixed 1G copper uplinks provide additional Ethernet connectivity to compatible network devices. The appropriate connection depends on the network topology and upstream equipment.

Compatibility reminder: SFP+ transceivers, optical fiber, and direct-attach cables may be sold separately. Check the supported Cisco transceiver list and the requirements of the connected equipment before ordering.

04 / DEPLOYMENT

Compact Managed Switching for Business Networks

The fanless C9200CX-8P-2XGH is designed for deployments that need managed Ethernet access and high-speed uplinks in a compact installation. Its suitability depends on the required port count, power budget, environmental conditions, and upstream network design.

OFF

Small and Medium Offices

Connect compatible computers, IP phones, wireless access points, and other business endpoints in a compact office network.

BR

Branch Locations

Provide managed access switching for distributed offices that require PoE+ connectivity and high-speed uplink options.

RET

Retail Environments

VOI

Voice Networks

Support compatible point-of-sale systems, wireless devices, IP cameras, and other network endpoints.

Provide PoE+ connectivity for supported IP phones and help consolidate voice and data connections on the access layer.

WAP

Wireless Networks

Connect compatible access points while using 10G uplinks where supported by the broader network infrastructure.

IT

Space-Constrained Sites

The compact, fanless design is useful where installation space and equipment noise are important considerations.

05 / POWER AND INSTALLATION

HVDC/AC Power Requirements

The C9200CX-8P-2XGH uses a 315W internal HVDC/AC power supply. Cisco documentation specifies supported high-voltage AC and high-voltage DC input ranges for this model family. The exact supply and site requirements must be checked before installation.

High-Voltage AC Input

The documented HVAC input is 100–277 VAC nominal, with a full range of 90–305 VAC. Confirm the applicable electrical specification and local supply before connecting the switch.

High-Voltage DC Input

The documented HVDC input range is 120–418 VDC. DC installations require an appropriate power system and qualified personnel.

Electrical safety: Do not assume that all Catalyst 9200CX power variants use identical power connections. Verify the model label, power connector, installation guide, and supported supply before connecting power.

Installation Planning

Before deployment, confirm the intended mounting location, ambient temperature, ventilation clearance, cable routing, power source, and upstream connectivity. Follow Cisco's installation instructions and environmental limits for the specific device and transceivers.

06 / PRODUCT COMPARISON

Compare Cisco Catalyst 9200CX Switch Models

The Catalyst 9200CX family includes compact switches with different port counts and power configurations. Compare the exact model suffix before selecting a device for your installation.

Model	Power Configuration
	power configuration
	815W HVDC/AC internal
	×1U

8
6
E
P
+
a
n
d
2
x
1
G
c
o
p
p
e
r

C9200CX-8P-2X2G

815W AC internal
x
1
G
8
E
P
+
a
n
d
2
x
1
G
c

o
p
p
e
r

C9200CX-12P-2X2G

315W AC internal
2
x
0
G
B
5
P
+
a
n
d
2
x
1
G
c
o
p
p
e
r

C9200CX-12P-2XGH

315W HVDC/AC internal
2
x
0
G
B
5

P
+
a
n
d
2
x
1
G
c
o
p
p
e
r

C9200CX-8P-2XGH vs. C9200CX-8P-2X2G

These models have similar access-port and uplink configurations. The key distinction is their power variant: the C9200CX-8P-2XGH is the HVDC/AC version, while the C9200CX-8P-2X2G is the AC version. Choose the model that matches the electrical infrastructure and deployment requirements.

When to Choose a 12-Port Model

If your installation needs more than eight Gigabit PoE+ access ports, consider the [Cisco C9200CX-12P-2XGH](#) or the [Cisco C9200CX-12P-2X2G](#). The final choice should account for port capacity, power input, PoE requirements, and the available uplink infrastructure.

07 / RELATED PRODUCTS

Related Networking Products at NexoGet

Explore related networking and business communication products to compare connectivity options for your deployment.

8P

Cisco C9200CX-8P-2X2G

Compare the AC power variant with eight Gigabit PoE+ access ports and dual 10G SFP+ uplinks.

[View Product](#)

12P

Cisco C9200CX-12P-2X2G

Explore a 12-port Catalyst 9200CX model for deployments requiring additional Gigabit PoE+ access ports.

[View Product](#)

12H

Cisco C9200CX-12P-2XGH

Compare the 12-port HVDC/AC model with a similar compact design and additional PoE+ access capacity.

[View Product](#)

IP

Cisco IP Phone 8845

Explore a Cisco business IP phone for compatible enterprise voice and collaboration environments.

[View Product](#)

RTR

MikroTik RB5009UG+S+IN

Review another networking platform for routing and connectivity requirements in compatible network designs.

[View Product](#)

NG

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Browse the NexoGet website for networking equipment and other IT products available through the store.

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08 / PRODUCT DIMENSIONS

Physical Dimensions and Shipping Information

Cisco publishes the physical dimensions and net weight of the C9200CX-8P-2XGH. Shipping-carton dimensions and gross packaged weight should be confirmed separately with the seller or fulfillment warehouse.

Product Dimensions	269 × 244 × 44 mm (10.6 × 9.6 × 1.73 inches)
Product Weight	2.99 kg (6.6 lb)
Shipping Carton Dimensions	Not verified; confirm with the seller or warehouse
Gross Shipping Weight	Not verified for the packaged product
Package Contents	Confirm the exact ordering SKU and seller's included accessories

Shipping note: Do not use the device's dimensions or net weight as the carton dimensions or gross shipping weight. Packaging, protective materials, included accessories, and regional product configurations can affect the final shipping measurements.

09 / BEFORE YOU ORDER

Important Purchasing Considerations

Verify the exact model and deployment requirements before purchasing a Cisco Catalyst compact switch.

Exact Model

Confirm the complete C9200CX-8P-2XGH model designation and ensure the HVDC/AC power variant is appropriate for your site.

Software and Licensing

Check the supported Cisco IOS XE release, feature requirements, license entitlements, and compatibility with your network.

Accessories and Warranty

Confirm product condition, warranty, power cable, transceivers, mounting accessories, and package contents with the seller.

10 / FREQUENTLY ASKED QUESTIONS

Cisco C9200CX-8P-2XGH FAQ

How many Ethernet access ports does the C9200CX-8P-2XGH provide?

It provides eight 10/100/1000 Gigabit Ethernet PoE+ access ports, two fixed 10G SFP+ uplinks, and two fixed 1G copper uplinks.

Does the Cisco C9200CX-8P-2XGH support PoE+?

Yes. Its eight access ports support PoE+, with a maximum total PoE budget of 240W, subject to endpoint power requirements and the switch's power budget.

Does this switch support 10 Gigabit uplinks?

Yes. It includes two fixed 10G SFP+ uplink interfaces. Compatible transceivers or cables should be selected according to the link type, distance, and supported Cisco components.

What is the difference between C9200CX-8P-2XGH and C9200CX-8P-2X2G?

Both models provide eight Gigabit PoE+ access ports, two 10G SFP+ uplinks, and two 1G copper uplinks. The main distinction is the power configuration: the -2XGH model is the HVDC/AC variant, while the -2X2G model is the AC variant.

Is the C9200CX-8P-2XGH fanless?

Yes. Cisco identifies this model as fanless. Follow the manufacturer's environmental and installation requirements when selecting its location.

What are the physical dimensions and weight?

Cisco lists the device dimensions as approximately 269 × 244 × 44 mm and the net weight as 2.99 kg. These measurements describe the switch, not the shipping carton.

Are SFP+ transceivers included?

Do not assume that transceivers or direct-attach cables are included. Confirm the exact package contents and ordering configuration with the seller before purchasing.

Can I use the switch in an HVDC installation?

The C9200CX-8P-2XGH is the HVDC/AC variant. Confirm the input supply, connector, and installation requirements against Cisco documentation and the electrical infrastructure at the intended site.

11 / NEXOGET

Request a Quote for Cisco C9200CX-8P-2XGH

Contact NexoGet for pricing, availability, product configuration, warranty details, and shipping information for the Cisco Catalyst C9200CX-8P-2XGH compact managed switch.

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Need a Quote for Cisco C9200CX-8P-2XGH?

Contact NexoGet for pricing, availability, technical information, configuration assistance, and delivery details for your business networking requirements.

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