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CISCO CATALYST

9200CX SERIES

12-PORT PoE+

10G UPLINKS

— CISCO CATALYST 9200CX SERIES

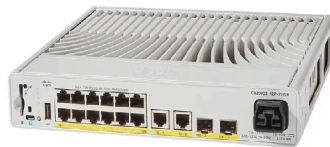
# Cisco C9200CX-12P-2XGH

## Compact Managed Switch

The Cisco Catalyst C9200CX-12P-2XGH is a compact enterprise managed switch designed for business access networks that need Gigabit Ethernet connectivity, Power over Ethernet Plus and high-speed uplinks. It features 12 Gigabit PoE+ access ports, two fixed 10G SFP+ uplinks and two additional 1G copper uplinks. Its fanless design, 240W PoE budget and internal 315W high-voltage AC/DC power supply make it suitable for supported enterprise installations where space and quiet operation matter.

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**12 × 1G**

GIGABIT PoE+ ACCESS PORTS

**2 × 10G**

FIXED SFP+ UPLINKS

**240W**

MAXIMUM SHARED PoE BUDGET

**Fanless**

COMPACT SWITCH DESIGN

**PRODUCT OVERVIEW**

## Cisco Catalyst C9200CX-12P-2XGH Enterprise Switching

The Cisco C9200CX-12P-2XGH is part of the Catalyst 9200CX compact switching family. It combines 12 Gigabit Ethernet PoE+ downlink ports with two 10 Gigabit SFP+ uplinks and two 1 Gigabit copper uplinks. This configuration provides flexible connectivity for IP phones, wireless access points, compatible security cameras, workstations and other Ethernet devices. The switch is designed for managed network deployments that need compact hardware without giving up high-speed uplink connectivity.

**12P****12 Gigabit PoE+ Ports**

Twelve 10/100/1000 Ethernet access ports support network connectivity and PoE+ power for compatible powered devices.

**10G****Dual 10G SFP+ Uplinks**

Two fixed 10G SFP+ uplinks provide high-speed connections to compatible aggregation switches and network backbones.

**1G****Additional Copper Uplinks****240****240W PoE Budget**

Two 1G copper uplink ports provide additional connection options for compatible Gigabit Ethernet infrastructure.

The shared PoE budget supports a planned combination of compatible powered devices within the total available power.

#### 0dB

### Fanless Operation

Fanless cooling helps reduce fan noise in suitable office, retail, branch and distributed network installations.

#### HV

### High-Voltage AC/DC Power

The 2XGH model has an internal power supply supporting specified high-voltage AC/DC input requirements.

## 01 / TECHNICAL SPECIFICATIONS

# Cisco C9200CX-12P-2XGH Detailed Specifications

The following hardware details are based on Cisco's Catalyst 9200CX documentation. Confirm the full product SKU and software license suffix before ordering.

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Brand</b>             | Cisco                                |
| <b>Product Family</b>    | Cisco Catalyst 9200CX Series         |
| <b>Model</b>             | C9200CX-12P-2XGH                     |
| <b>Product Type</b>      | Compact Managed Ethernet Switch      |
| <b>Access Ports</b>      | 12 × 10/100/1000 Mbps Ethernet ports |
| <b>Access Port Power</b> | PoE+ on the 12 access ports          |
| <b>10G Uplinks</b>       | 2 × fixed 10G SFP+ uplink ports      |

|                              |                                                                             |
|------------------------------|-----------------------------------------------------------------------------|
| <b>Copper Uplinks</b>        | 2 × fixed 1G copper uplink ports                                            |
| <b>Maximum PoE Budget</b>    | 240W shared PoE budget                                                      |
| <b>Internal Power Supply</b> | 315W                                                                        |
| <b>Power Configuration</b>   | High-voltage AC/DC model; verify local input requirements                   |
| <b>Cooling</b>               | Fanless                                                                     |
| <b>Chassis Height</b>        | 4.4 cm (1.73 in.)                                                           |
| <b>Chassis Width</b>         | 26.9 cm (10.6 in.)                                                          |
| <b>Chassis Depth</b>         | 24.4 cm (9.6 in.)                                                           |
| <b>Unit Weight</b>           | 2.99 kg (6.6 lb)                                                            |
| <b>Switching Capacity</b>    | Check the current Cisco datasheet for the exact metric                      |
| <b>Forwarding Rate</b>       | Check the current Cisco datasheet for the exact metric                      |
| <b>Software Image</b>        | Cisco IOS XE Lite platform; features depend on model and license            |
| <b>License Variant</b>       | Network Essentials (-E) or Network Advantage (-A), depending on ordered SKU |
| <b>Shipping Weight</b>       | Confirm the actual packed weight with the supplier                          |
|                              |                                                                             |

## Shipping Carton Dimensions

Confirm the actual carton measurements with the supplier

**Specification note:** The listed 2.99 kg weight and 26.9 × 24.4 × 4.4 cm dimensions refer to the switch itself, not the retail carton. Shipping weight and packaging dimensions can vary with packaging and accessories.

## 02 / POWER & POE

# PoE+ Power for Connected Business Devices

Power over Ethernet can simplify installations by carrying data and power through a compatible Ethernet connection. The C9200CX-12P-2XGH supports PoE+ on its 12 access ports, with a maximum shared PoE budget of 240W.

### IP

#### IP Phones

Connect compatible business IP phones while supplying supported PoE+ power through Ethernet cabling.

### AP

#### Wireless Access Points

Connect compatible wireless access points, subject to their power requirements and supported PoE standard.

### CAM

#### Network Cameras

Provide connectivity and supported PoE power to compatible IP cameras and other network endpoints.

**PoE planning:** The 240W figure is the total available PoE budget across the switch, not 240W per port. Calculate the combined demand of connected devices and leave sufficient capacity for future

expansion.

### 03 / UPLINK CONNECTIVITY

## 10G SFP+ and 1G Copper Uplink Flexibility

The fixed uplink configuration combines two 10G SFP+ ports with two 1G copper uplinks. This enables network designers to plan high-speed connections to compatible distribution or aggregation equipment while retaining additional Gigabit Ethernet uplink options.

#### SFP

##### Fiber Connectivity

Use compatible SFP+ transceivers and supported fiber cabling where the network design requires fiber uplinks.

#### DAC

##### Direct-Attach Connections

Compatible direct-attach cables may be suitable for supported short-distance connections between devices.

#### LAN

##### Gigabit Copper Uplinks

The two 1G copper uplinks provide additional connectivity for compatible Gigabit Ethernet network equipment.

**Compatibility reminder:** Confirm supported optics, cable types, link distances and upstream port capabilities using Cisco compatibility documentation before purchasing uplink accessories.

### 04 / HARDWARE & INSTALLATION

## Compact Fanless Design for Enterprise Networks

The compact chassis is designed for managed network deployments where equipment space and acoustic considerations matter. Fanless construction removes fan noise, but the switch still requires suitable installation clearances and environmental conditions according to Cisco's hardware documentation.

S

Space-Conscious Design

The compact 26.9 × 24.4 × 4.4 cm chassis can fit suitable business network spaces with adequate clearance.

F

Fanless Cooling

Fanless operation can be beneficial in quieter office areas and distributed network locations.

PSU

Internal 315W PSU

The internal 315W power supply is specified for the model's high-voltage AC/DC power configuration.

05 / SOFTWARE & LICENSING

Cisco IOS XE Lite and License Selection

Catalyst 9200CX switches use the Cisco IOS XE Lite software platform. The precise feature set available depends on the ordered model, license tier, software release and network configuration.

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Operating Software | Cisco IOS XE Lite                                |
| Network Essentials | Available on product variants with the -E suffix |
| Network Advantage  | Available on product variants with the -A suffix |

|                                |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| <b>Management Features</b>     | Depend on software release, license and deployment configuration     |
| <b>Ordering Recommendation</b> | Confirm the complete SKU and license with the seller before purchase |

**Important:** C9200CX-12P-2XGH is the hardware model family identifier. Ordering variants such as C9200CX-12P-2XGH-E and C9200CX-12P-2XGH-A may have different license entitlements. Verify the exact part number shown on the quotation.

06 / MODEL COMPARISON

# Cisco Catalyst 9200CX Switch Comparison

Compare port density, uplink configuration, power input and endpoint requirements before choosing a compact Catalyst switch.

| Model                   | Access Ports | Uplinks                           | Power / Main Difference                      |
|-------------------------|--------------|-----------------------------------|----------------------------------------------|
| <b>C9200CX-12P-2XGH</b> | 12 × 1G PoE+ | 2 × 10G SFP+ and<br>2 × 1G copper | 315W high-voltage AC/DC PSU; 240W PoE budget |
| <b>C9200CX-12P-2X2G</b> | 12 × 1G PoE+ | 2 × 10G SFP+ and<br>2 × 1G copper | AC-powered variant; verify exact SKU         |
| <b>C9200CX-8P-2X2G</b>  | 8 × 1G PoE+  | 2 × 10G SFP+ and<br>2 × 1G copper | Lower access-port count; AC-powered variant  |

| Model                  | Access Ports                                     | Uplinks      | Power / Main Difference         |
|------------------------|--------------------------------------------------|--------------|---------------------------------|
| <b>C9200CX-8UXG-2X</b> | 8 ports; 4 multigigabit up to 10G and 4 up to 1G | 2 × 10G SFP+ | UPOE-capable multigigabit model |

**Which model should you choose?** Choose the C9200CX-12P-2XGH when you need 12 Gigabit PoE+ access ports and the specified high-voltage AC/DC input. Consider a multigigabit UPOE model when connected endpoints require higher access-port speeds or a different PoE capability.

## 07 / DEPLOYMENT SCENARIOS

# Where the Cisco C9200CX-12P-2XGH Can Be Used

**BR**

### Branch Offices

Support wired business endpoints and compatible PoE devices in branch network access deployments.

**RT**

### Retail Locations

Connect compatible IP phones, access points, cameras and other network equipment in retail environments.

**OF**

### Office Networks

Provide managed Gigabit access and high-speed uplinks in suitable office networking installations.

**IT**

### Distributed IT Closets

Use the compact chassis where installation space is limited and appropriate cooling clearance is available.

## VC

### Voice and Collaboration

Connect supported IP phones and collaboration endpoints while planning PoE demand across the switch.

## WL

### Wireless Access

Connect compatible wireless access points, subject to their Ethernet speed and power requirements.

## 08 / PACKAGING & SHIPPING

# Dimensions, Weight and Shipping Information

Use the device's official chassis measurements for installation planning. Shipping calculations must use the actual packed carton measurements supplied by the seller.

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| <b>Product Dimensions</b>   | 26.9 × 24.4 × 4.4 cm (W × D × H)                                         |
| <b>Product Weight</b>       | 2.99 kg (6.6 lb)                                                         |
| <b>Packaging Dimensions</b> | Not confirmed for the exact packed unit                                  |
| <b>Shipping Weight</b>      | Confirm with the supplier using the packed shipment                      |
| <b>Package Contents</b>     | Confirm the supplied accessories and power documentation with the seller |

**Shipping note:** Cisco's hardware documentation lists the switch at 2.99 kg and 26.9 × 24.4 × 4.4 cm. These are device measurements, not carton measurements. Do not use them as the shipping package size or gross shipping weight. Ask NexaGet or the distributor to measure the actual packed carton before calculating freight.

## 09 / PURCHASING CHECKLIST

# Important Information Before You Order

**Exact SKU:** Confirm whether the required part number ends in -E, -A or another suffix, as licensing and order configuration may differ.

**Power Input:** The 2XGH model is the high-voltage AC/DC variant. Verify the supported electrical input and site power requirements.

**PoE Budget:** The maximum shared PoE budget is 240W. Check the total wattage required by all connected powered devices.

**Uplink Compatibility:** Confirm supported SFP+ transceivers, direct-attach cables and copper connections for the intended network.

**Installation:** Follow Cisco's hardware installation guidance and provide suitable environmental and heat-dissipation clearance.

**Shipping:** Obtain actual packed dimensions and gross weight from the seller before requesting an international freight quotation.

## 10 / RELATED PRODUCTS

### Related Cisco Networking Equipment

Explore related products on NexoGet to compare port counts, power configurations and uplink options for your network.

#### Cisco C9200CX-12P-2X2G

Compare the 12-port PoE+ compact switch with the AC-powered variant.

[View Related Product →](#)

#### Cisco C9200CX-8P-2X2G

Consider the 8-port compact PoE+ model for a lower access-port requirement.

[View Related Product →](#)

#### Cisco C9200CX-8UXG-2X

Explore a multigigabit UPOE-capable compact switch for different endpoint requirements.

#### Cisco C9200CX-12P-2XGH

Return to this compact managed switch product page for model-specific information.

[View Related Product →](#)

[View This Product →](#)

### **MikroTik RB5009UG+S+IN**

Explore another networking platform for compatible routing and network infrastructure use cases.

[View Related Product →](#)

### **Cisco IP Phone 8845**

Explore an enterprise IP video phone for compatible business voice and collaboration environments.

[View Related Product →](#)

**Internal link note:** Check every related-product URL in your WooCommerce store before publishing. Remove or replace any URL that does not match an existing live product page.

## **11 / FREQUENTLY ASKED QUESTIONS**

# **Cisco C9200CX-12P-2XGH FAQs**

### **How many access ports does this switch have?**

It has 12 Gigabit Ethernet PoE+ access ports, along with two 10G SFP+ uplinks and two 1G copper uplinks.

### **What is the maximum PoE budget?**

Cisco specifies a maximum shared PoE budget of 240W. Available power must be planned across connected devices.

### **Does it support 10 Gigabit uplinks?**

Yes. The model includes two fixed 10G SFP+ uplink ports. Select compatible transceivers or cables for your network.

### **Is the switch fanless?**

Yes. Cisco lists the C9200CX-12P-2XGH as a fanless model. Follow installation and heat-dissipation requirements.

### **What are the device dimensions?**

The chassis measures approximately 26.9 × 24.4 × 4.4 cm. These measurements do not

### **Are carton dimensions included here?**

represent the shipping carton.

No. Actual shipping-carton dimensions and packed weight must be confirmed with the supplier for the order.



## Need Pricing or Availability for C9200CX-12P-2XGH?

Contact NexoGet for product pricing, stock availability, exact SKU and licensing confirmation, compatible accessories and international shipping arrangements for the Cisco Catalyst C9200CX-12P-2XGH switch.

 **+971 50 516 6272**

 **info@nexoget.com**



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