

## — CISCO CATALYST 9200 SERIES

# Cisco Catalyst 9200

## C9200-24P-E

The Cisco Catalyst C9200-24P-E is an enterprise-class Layer 3 access switch featuring 24 full PoE+ ports, modular uplinks, redundant power supplies and fans, StackWise-160 stacking capability, and Cisco IOS XE Software with Network Essentials licensing for secure branch and campus deployments.

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**24x**

Gigabit PoE+ Ports

**160G**

StackWise Stacking Bandwidth

**FRU**

Redundant Power &amp; Fans

**IOS XE**

Network Essentials License

**PRODUCT OVERVIEW**

## Secure, Always-On Enterprise Switching

Cisco Catalyst 9200 Series switches extend the power of intent-based networking and Catalyst 9000 hardware and software innovation to a broader set of deployments. With its family pedigree, C9200-24P-E offers simplicity without compromise—it is secure, always on, and IT simplified.

**POE+****Full PoE+ Power**

Delivers up to 374W of total PoE+ power budget across 24 ports to support IP phones, APs, and IoT devices.

**STK****StackWise-160**

Supports optional stacking modules for up to 160 Gbps of high-performance resilient stacking bandwidth.

**MOD****Modular Uplinks**

Flexible network uplinks supporting optional FRU network modules with 1G or 10G interfaces.

**SEC****Advanced Security**

Secure boot, AES-128 MACsec encryption, Trust Anchor, and enterprise segmentation controls.

**RES**

### High Availability

Field-replaceable redundant power supplies and redundant dual fans for maximum uptime reliability.

**AUT**

### Cisco IOS XE

Open programmable architecture supporting API-driven automation, telemetry, and smart operations.

## 01 / TECHNICAL SPECIFICATIONS

# Cisco C9200-24P-E Detailed Specifications

Official hardware and architectural specifications for the Cisco Catalyst 9200-24P-E Switch.

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Manufacturer                    | Cisco Systems, Inc.                     |
| Product Family                  | Cisco Catalyst 9200 Series              |
| Model                           | C9200-24P-E                             |
| Part Number                     | C9200-24P-E                             |
| Product Type                    | Managed Layer 3 Enterprise Switch       |
| Total 10/100/1000 or PoE+ Ports | 24 ports Full PoE+ (IEEE 802.3at)       |
| Default Power Supply            | PWR-C5-600WAC (or configurable options) |
| Total PoE+ Power Budget         | 374W with default 600W AC power supply  |
|                                 |                                         |

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| <b>Uplink Configuration</b>   | Modular uplinks (optional network modules: 4x 1G, 4x 10G, or 2x 25G)       |
| <b>Stacking Bandwidth</b>     | StackWise-160 (Up to 160 Gbps stacking capacity, optional module required) |
| <b>Switching Capacity</b>     | Up to 128 Gbps (176 Gbps with stacking)                                    |
| <b>Forwarding Rate</b>        | 95.23 Mpps                                                                 |
| <b>DRAM / Flash Memory</b>    | 2 GB / 4 GB                                                                |
| <b>Software License</b>       | Cisco IOS XE Network Essentials                                            |
| <b>Power Redundancy</b>       | Optional redundant field-replaceable power supply (FRU)                    |
| <b>Fan Redundancy</b>         | Field-replaceable redundant dual fans (FRU)                                |
| <b>MAC Address Table</b>      | 16,000 entries                                                             |
| <b>Jumbo Frame</b>            | 9192 bytes                                                                 |
| <b>Dimensions (H x W x D)</b> | 4.4 x 44.5 x 35.0 cm (1.73 x 17.5 x 13.8 inches)                           |
| <b>Weight</b>                 | 4.35 kg (9.59 lb) with default power supply                                |
| <b>Operating Temperature</b>  | -5°C to +45°C (23°F to 113°F)                                              |
| <b>Operating Humidity</b>     | 5% to 90% noncondensing                                                    |
| <b>Color</b>                  | Metallic Gray / Cisco Standard Enterprise Chassis                          |

## Deployment, Stacking and Power Flexibility

The C9200-24P-E is designed to integrate seamlessly into corporate campus and branch office environments. With modular uplinks, resilient power design, and StackWise architecture, it scales effortlessly with enterprise growth.

### Modular Uplink Flexibility

Choose from a variety of optional uplink network modules including 4x 1G, 4x 10G SFP+, or 2x 25G to fit your core aggregation architecture.

### StackWise-160 Resilience

Combine up to 8 switches into a single logical unit for unified management, simplified maintenance, and high availability.

### Power and Fan Redundancy

Hot-swappable dual redundant power supplies and field-replaceable fan modules ensure continuous enterprise operations.

## Lifecycle and Ordering Note

Cisco Catalyst 9200 series switches are industry-standard enterprise access solutions. When procuring new or spare hardware, ensure you verify the exact part numbers, license tiers (Network Essentials vs. Advantage), warranty status, and optional accessories like stacking cables or power supplies.

**Important:** Verify module requirements (uplink modules, stacking kits, power cords) and license activations prior to finalizing enterprise deployment configurations.

## Dimensions, Weight and Shipping Information

Estimated box dimensions and shipping specifications for logistics and freight calculation.

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| <b>Chassis Dimensions</b>           | 4.4 x 44.5 x 35.0 cm                                           |
| <b>Net Weight</b>                   | 4.35 kg                                                        |
| <b>Estimated Package Dimensions</b> | Approx. 54 x 48 x 16 cm                                        |
| <b>Estimated Shipping Weight</b>    | Approx. 6.20 kg (including accessories, rackmount kit and box) |

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## Where Cisco C9200-24P-E Fits Best

### Enterprise Branch Offices

Delivers full PoE+ connectivity for IP phones and wireless access points with robust security and centralized management.

### Corporate Campus Access

Provides secure Layer 3 routing, high forwarding performance, and stackable resilience for office floors.

### Smart Workspace & IoT

Reliable power delivery and programmable APIs make it ideal for powering modern IP cameras, lighting controllers, and sensors.

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## Before You Order Cisco C9200-24P-E

Contact NexoGet for official quotation, stock availability, configuration guidance, and fast international shipping details.

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## Need a quote for Cisco C9200-24P-E?

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

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