

CISCO CATALYST 9300L SERIES

Cisco C9300L-48PF-4G

48-Port PoE+ Switch

The Cisco Catalyst C9300L-48PF-4G is an enterprise-class managed switch designed for access-layer networking. It provides 48 Gigabit Ethernet PoE+ ports, a reported power budget of up to 890W, four fixed 1G SFP uplinks and Cisco StackWise-320 stacking technology for supported network deployments.

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48

890W

Gigabit Ethernet Access Ports

Reported Maximum PoE Budget

4 × 1G

SFP Uplink Ports

1U

Rack-Mountable Form Factor

PRODUCT OVERVIEW

Enterprise Switching with PoE+ Connectivity

The Cisco Catalyst C9300L-48PF-4G supports enterprise access networks that require Gigabit Ethernet connectivity, Power over Ethernet and fiber uplink options. It can be considered for business offices, campus access layers and compatible network deployments that need managed switching.

48P

48 Gigabit Ethernet Ports

Provides 48 Ethernet access ports for connecting computers, access points, IP phones and other compatible network devices.

PoE+

Power over Ethernet Plus

PoE+ support can deliver both data connectivity and power to compatible endpoints, subject to port limits and the available power budget.

SFP

Four 1G SFP Uplinks

Four fixed Gigabit SFP uplink ports provide fiber connectivity options with compatible transceivers and network infrastructure.

L3

Managed Network Features

Designed for managed enterprise access networks. Available functions depend on software, licensing and configuration.

320

1U

StackWise-320

Supports Cisco StackWise-320 technology for compatible stacking deployments using supported hardware and configuration.

Rack-Mountable Design

The 1U form factor is suitable for compatible enterprise network racks and structured network equipment installations.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300L-48PF-4G Detailed Specifications

Review the key hardware characteristics below. Confirm the exact SKU, hardware revision, power configuration and supported features against the applicable Cisco documentation before ordering.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300L Series
Model	C9300L-48PF-4G
Product Type	Managed Enterprise Network Switch
Switching Layer	Layer 3
Total Ethernet Ports	48
Ethernet Port Speed	10/100/1000 Mbps Gigabit Ethernet
PoE Support	PoE+
PoE Power Budget	Up to 890W (verify exact power configuration)

Specification	Details
Uplink Ports	4 × 1G SFP
Uplink Interface	Gigabit SFP
Stacking Technology	Cisco StackWise-320
Switching Capacity	104 Gbps (verify applicable Cisco datasheet)
Forwarding Rate	77.38 Mpps (verify applicable Cisco datasheet)
Power Supply	1100W AC configuration reported; verify supplied PSU and SKU
Rack Units	1U
Dimensions (H × W × D)	Approximately 4.4 × 44.5 × 48.8 cm; verify exact hardware revision
Weight	Approximately 7.03 kg; verify exact configuration
Mounting Type	Rack Mount
Operating System	Cisco IOS XE
Management	Managed; supported management features depend on software and configuration

Specification note: Power supply, PoE budget, switching performance, dimensions and weight can depend on the precise hardware configuration and product revision. Confirm these details with the official datasheet and the supplied unit before publishing them as guaranteed specifications.

02 / NETWORK DEPLOYMENT

Designed for Enterprise Access Networks

The C9300L-48PF-4G is intended for network environments where multiple wired devices and PoE-powered endpoints must connect to a centrally managed switching platform.

OFF

Business Offices

Connect workstations, printers, wireless access points and other Ethernet-enabled business equipment.

WLAN

Wireless Access Infrastructure

Connect compatible wireless access points using Ethernet and supported PoE+ power delivery.

VoIP

IP Telephony

Support compatible IP phones and other network endpoints that use Ethernet and PoE.

CAM

Network Cameras

Connect compatible PoE-powered security cameras, subject to power requirements and network design.

NET

Campus Access Layer

SFP

Fiber Uplink Connectivity

Deploy as part of a compatible campus access network with appropriate uplinks and network configuration.

Use compatible 1G SFP transceivers and fiber links where the network design calls for optical uplinks.

03 / POE+ AND POWER

Powering Compatible Network Endpoints

Power over Ethernet can simplify deployment by allowing compatible devices to receive data and power over a single Ethernet cable. The available power for connected devices depends on the installed power supply, switch configuration, PoE standard and total power demand.

PoE planning: Do not assume that every port can deliver the maximum PoE output simultaneously. Calculate the total power requirements of connected devices and verify the switch's actual PoE budget and port-level limits before installation.

04 / UPLINK AND STACKING

Fiber Uplinks and StackWise-320

Four 1G SFP uplinks provide options for connecting the switch to compatible upstream equipment. StackWise-320 support can be useful in supported deployments that require multiple switches to operate as a stack. Transceiver compatibility, stacking hardware, software requirements and topology should be checked before deployment.

1G

Gigabit Fiber Uplinks

Connect to compatible switches or network devices using supported 1G SFP modules and fiber cabling.

STK

Stacking Support

StackWise-320 supports compatible stacking designs when the required hardware and configuration are used.

OPS

Network Administration

Managed switching supports centrally planned network operations according to the installed Cisco IOS XE software and feature set.

05 / RELATED CISCO SWITCHES

Compare Related Cisco Catalyst Models

Consider port speed, uplink requirements, PoE needs, stacking capabilities and the exact model specification when comparing Cisco Catalyst switches.

Model	Comparison Focus
Cisco C9300L-48P-4G-E	Related 48-port Catalyst 9300L model; compare PoE configuration and licensing.
Cisco C9300L-48P-4X-E	Related 48-port model with 10G uplink designation; verify exact SKU specifications.
Cisco C9300L-48T-4G-E	Related 48-port data-switch option; compare PoE requirements and uplinks.
Cisco C9300L-48T-4X-E	Related 48-port Catalyst model with 10G uplink designation.
Cisco C9200L-48P-4G-E	Compare with a Catalyst 9200L 48-port PoE+ access switch.

Model	Comparison Focus
Cisco C9200L-48P-4X-E	Compare uplink requirements and platform capabilities within the Catalyst 9200L range.
Cisco C9300-24P-E	Consider a related Catalyst 9300 model with a different port count.
Cisco C9300-48P-E	Compare a related 48-port Catalyst 9300 platform and its configuration.

Model selection: Similar model names do not guarantee identical hardware, software, power supplies, uplinks or licensing. Verify each product's complete part number and datasheet before choosing a replacement or alternative.

06 / IMPORTANT INFORMATION

Before You Order

Exact model: Confirm that the required product is Cisco C9300L-48PF-4G and check the full ordering part number supplied by the seller.

Power configuration: Verify the included power supply, supported PoE budget, power cord and regional power requirements.

Optical uplinks: SFP transceivers and fiber cables may be sold separately. Confirm compatibility with the required link type and distance.

Stacking: Check the required stacking accessories, software and compatibility before planning a StackWise deployment.

Software and licensing: Confirm the installed Cisco IOS XE version and the feature and licensing requirements for the intended network.

Package contents: Confirm stock condition, included accessories, power cables and delivery details with NexoGet before purchase.

07 / NEXOGET SUPPORT

Get Pricing and Availability

Contact NexoGet for product pricing, stock availability, hardware condition, shipping options and enterprise networking quotations for the Cisco C9300L-48PF-4G.



Need Pricing or Availability for C9300L-48PF-4G?

Contact NexoGet for pricing, stock availability, product condition, technical details, accessories, shipping options and enterprise IT hardware quotations.

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