

CISCO CATALYST 9300 SERIES

Cisco Switch

C9300-48P

The Cisco Catalyst C9300-48P is an enterprise-class 48-port PoE+ stackable switch designed for high-density security, IoT convergence, mobility, and cloud architecture. Powered by the UADP 2.0 ASIC and Cisco IOS XE, it delivers up to 480 Gbps stacking bandwidth with StackWise-480 technology.

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48 Ports

Full PoE+ Gigabit Ethernet

480 Gbps

StackWise-480 Bandwidth

437W

Default PoE Budget

UADP 2.0

Programmable ASIC Engine

PRODUCT OVERVIEW

Next-Generation Enterprise Access Switching

The Cisco Catalyst C9300-48P switch leads the industry in enterprise stackable access capabilities. Engineered for seamless IoT convergence, unified management, high-density PoE deployments, and Cisco Software-Defined Access (SD-Access) integration.

PoE+

48-Port PoE+

Delivers up to 30W of IEEE 802.3at power per port for access points, IP phones, and IoT hardware.

480G

StackWise-480

Unites up to 8 switches into a single logical device with 480 Gbps unified stacking throughput.

MOD

Modular Uplinks

Supports flexible, field-replaceable network modules with 1G, 10G, 25G, and 40G optical options.

PWR

StackPower

Innovative power-sharing technology aggregates power supplies across stacked units for ultimate redundancy.

SEC

IOS

Advanced Security

Features Encrypted Traffic Analytics (ETA), AES-256 MACsec, Trust Anchor, and TrustSec segmentation.

Cisco IOS XE

Open and programmable operating system supporting telemetry, NETCONF, RESTCONF, and automated orchestration.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300-48P Detailed Specifications

The specifications below reflect official Cisco datasheet values for the Catalyst C9300-48P switch hardware.

Manufacturer	Cisco Systems, Inc.
Product Series	Cisco Catalyst 9300 Series
Model Name	Cisco Catalyst C9300-48P
Part Number	C9300-48P-A / C9300-48P-E
Product Type	Managed Stackable Enterprise Switch
Total Ethernet Ports	48 Ports 10/100/1000 Gigabit Ethernet
PoE Capability	Full PoE+ (IEEE 802.3at up to 30W per port)
Default PoE Budget	437W (Expandable to 740W+ with secondary PSU)
Stacking Technology	Cisco StackWise-480
Stacking Bandwidth	480 Gbps

Switching Capacity	256 Gbps (Standalone) / Up to 736 Gbps with Stacking
Forwarding Rate	190.47 Mpps
Uplink Options	Modular Network Modules (1G / 10G / 25G / 40G)
DRAM Memory	8 GB
Flash Memory	16 GB
Power Sharing	Cisco StackPower Technology Supported
ASIC Architecture	Unified Access Data Plane (UADP) 2.0
Operating System	Cisco IOS XE
Form Factor	1RU Rack-mountable Chassis
Chassis Dimensions (H × W × D)	1.73 × 17.5 × 17.5 inches (4.4 × 44.5 × 44.5 cm)
Net Chassis Weight	16.03 lbs (7.27 kg)

02 / DEPLOYMENT

Architecture, Software and Deployment

The C9300-48P forms the foundation for modern enterprise campus and branch architectures. With native support for Cisco SD-Access and automated network segmentation, it streamlines policy deployment across cloud-managed environments.

SD-Access Integration

Operates as an entry fabric edge node, delivering automated user onboarding and consistent policy enforcement.

Continuous Power

Perpetual and Fast PoE keep connected IP devices running without power disruption during reboot cycles.

High Density PoE

Powers high-throughput Wi-Fi 6 access points, surveillance hardware, and enterprise VoIP endpoints simultaneously.

Resilient Redundancy

Dual hot-swappable power supplies and modular fans guarantee high network availability and uptime.

03 / PROCUREMENT

Hardware Verification and Ordering Note

NexoGet supplies 100% genuine, factory-sealed Cisco hardware with verified serial numbers. Before placing your enterprise order, confirm licensing requirements (Network Essentials or Network Advantage) and uplink module choices with our engineering team.

Important: Network modules, stacking cables, and secondary power supply units are sold separately or configured based on order specifications.

04 / PACKAGING

Dimensions, Weight and Shipping Information

The shipping details provided below include outer packaging and protective padding for international air freight logistics.

Chassis Dimensions (H × W × D)	1.73 × 17.5 × 17.5 inches (4.4 × 44.5 × 44.5 cm)
Net Chassis Weight	16.03 lbs (7.27 kg)
Shipping Box Dimensions (H × W × D)	2.92 × 20.31 × 22.01 inches (7.4 × 51.6 × 55.9 cm)
Total Shipping Weight (Gross)	20.50 lbs (9.30 kg)

05 / USE CASES

Where Cisco C9300-48P Fits Best

Enterprise Access Layer

Ideal for connecting desktop endpoints, Wi-Fi 6 APs, and IoT hardware across corporate headquarters.

High-Density PoE Environment

Supplies power and high-speed data to large surveillance networks, smart lighting, and IP phone fleets.

Branch and Campus Networks

Delivers high-bandwidth stacking, advanced Layer 3 routing, and enterprise security in 1RU form factor.

06 / NEXOGET

Order Your Cisco C9300-48P from NexoGet

NexoGet offers competitive B2B pricing, global express delivery from Dubai logistics hubs, and dedicated technical support for system integrators and IT buyers worldwide.

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Need a quote for Cisco C9300-48P?

Contact NexoGet for official pricing, global shipping rates, configuration options, and stock availability.

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