

— CISCO CATALYST 9300X SERIES

Cisco Catalyst C9300X-48TX

48-Port 10G Switch

The Cisco Catalyst C9300X-48TX is an enterprise-class stackable access switch featuring 48 multigigabit 10GBASE-T copper ports, modular uplink capabilities, Cisco IOS XE, advanced Layer 2 and Layer 3 networking, and StackWise-1T technology. It is designed for high-performance campus networks, enterprise access deployments, and demanding wired connectivity environments.

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48 × 10G

Multigigabit Copper Ports

Layer 3

Enterprise Switching and Routing

StackWise-1T

High-Bandwidth Stacking Technology

1U

Rack-Mountable Form Factor

PRODUCT OVERVIEW

Enterprise 10G Access and Advanced Switching

The Cisco Catalyst C9300X-48TX combines high-density multigigabit copper connectivity with modular uplinks, enterprise management, and stackable architecture. It is suitable for network environments that require higher access speeds, scalability, and centralized control.

10G

48 Multigigabit Ports

Provides 48 copper Ethernet ports supporting multigigabit speeds up to 10 Gbps per port, subject to the connected device and cabling.

L3

Layer 3 Networking

Supports enterprise switching and Layer 3 routing capabilities, with available features dependent on software configuration and licensing.

UP

Modular Uplinks

Supports compatible modular uplink network modules. Actual uplink speeds and port counts depend on the selected module.

STK

StackWise-1T

Supports Cisco StackWise-1T technology for scalable switch stacking within supported Catalyst 9300X configurations.

IOS

Cisco IOS XE

Uses Cisco IOS XE for enterprise network configuration, monitoring, automation, and management.

SEC

Enterprise Security

Supports Cisco enterprise security and access control capabilities, subject to software version, licensing, and configuration.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300X-48TX Detailed Specifications

Hardware details are based on Cisco's Catalyst 9300 Series documentation. Optional modules, licensing, and software features may vary by configuration.

Manufacturer	Cisco Systems, Inc.
Brand	Cisco
Product Family	Cisco Catalyst 9300X Series
Model	C9300X-48TX
Product Type	Enterprise Managed Stackable Switch
Switching Layer	Layer 2 and Layer 3
Total Ethernet Ports	48
Ethernet Port Type	10GBASE-T Multigigabit Copper RJ-45
Ethernet Port Speeds	100 Mbps, 1G, 2.5G, 5G and 10G, depending on the connected device and link negotiation

Maximum Copper Port Speed	10 Gbps per port
Uplink Architecture	Modular uplink; compatible network module required
Uplink Port Count	Depends on the installed compatible uplink module
Uplink Interface Types	Depends on the selected compatible module; verify module specifications before ordering
Switching Capacity	Refer to the official Cisco datasheet for the exact configured model and performance figure
Forwarding Rate	Verify against the official Cisco technical datasheet
Stacking Technology	Cisco StackWise-1T
Stacking Bandwidth	Up to 1 Tbps StackWise-1T, subject to supported configuration
Operating System	Cisco IOS XE
Management	CLI, supported web-based tools, SNMP and Cisco network management platforms, depending on configuration
Layer 3 Routing	Supported; available capabilities depend on software and licensing
VLAN Support	Supported; scale and feature availability depend on software configuration

QoS	Enterprise Quality of Service capabilities; verify software-specific feature support
Network Security	Enterprise security and access control features, subject to configuration and licensing
PoE Support	No PoE on the 48TX data-port configuration
Default AC Power Supply	715W AC power supply configuration
Redundant Power	Supported configurations depend on compatible power supply selection and installation
Fan Modules	Replaceable fan modules; configuration-dependent
Rack Mounting	Supported
Rack Form Factor	1U
Chassis Dimensions (H × W × D)	4.4 × 44.5 × 48.3 cm, chassis-only depth specification
Dimensions with Default Power Supply	4.4 × 44.5 × 52.2 cm (H × W × D)
Dimensions with 1100W Power Supply	4.4 × 44.5 × 56.0 cm (H × W × D)
Weight with Default Power Supply	6.62 kg (14.6 lb), with fans and default power supply installed

PoE Budget	Not applicable to this non-PoE model
Power Consumption	Actual consumption depends on installed components and operating conditions; verify the Cisco power specifications
Product Condition	Confirm new, refurbished or used condition with the seller

Configuration note: The C9300X-48TX uses modular uplinks. Uplink interfaces should not be advertised as a fixed number or speed without identifying the installed network module. Confirm the complete product identifier and included accessories before purchase.

02 / PERFORMANCE AND SCALABILITY

Built for High-Density Enterprise Networks

The C9300X-48TX is designed for high-speed access networking and scalable campus deployments. Actual throughput, feature availability, and stacking behavior depend on the selected configuration and software release.

High-Speed Copper Access

Connect compatible access points, servers, workstations, and other network devices through 48 multigigabit copper Ethernet interfaces.

Modular Network Uplinks

Choose a supported uplink module to suit the network design. Check transceiver compatibility, port count, and link speed before procurement.

Stackable Architecture

StackWise-1T provides a stacking option for supported Catalyst 9300X configurations.

Centralized Network Management

Cisco IOS XE and supported management platforms enable administration, monitoring,

Required cables and accessories should be confirmed separately.

troubleshooting, and automation in enterprise networks.

03 / DEPLOYMENT

Compatibility, Power and Installation

Before deploying the switch, verify power requirements, uplink module selection, software licensing, rack depth, and compatibility with the existing Cisco environment.

Rack Installation

The switch occupies a standard 1U rack position. Allow sufficient rack depth and rear clearance for the installed power supply, cabling, and airflow.

Power Configuration

The default listed configuration uses a 715W AC power supply. Verify the supplied power unit, regional power cord, and redundancy requirements.

Uplink Compatibility

The required uplink module may be ordered separately. Confirm module support, optical transceiver type, cable type, and required speed.

Important: The C9300X-48TX is a data-port model, not a PoE model. If the deployment requires power over Ethernet for wireless access points, IP phones, or cameras, confirm the required PoE capability before selecting a switch.

04 / PHYSICAL SPECIFICATIONS

Dimensions, Weight and Rack Clearance

Cisco publishes chassis dimensions and weight for the C9300X-48TX. Depth changes with the installed power supply, so use the appropriate configuration when planning rack installation.

Model	Cisco Catalyst C9300X-48TX
Height	4.4 cm (1.73 in)
Width	44.5 cm (17.5 in)
Chassis-Only Depth	48.3 cm (19 in)
Depth with Default Power Supply	52.2 cm (20.56 in)
Depth with 1100W Power Supply	56.0 cm (22.03 in)
Net Product Weight	6.62 kg (14.6 lb) with fans and default power supply installed
Rack Height	1U
Shipping Box Dimensions	Not officially verified; measure the actual shipping carton
Gross Shipping Weight	Not officially verified; includes packaging and supplied accessories

Shipping note: The 6.62 kg figure is the switch's net weight with the default power supply and fans installed. It is not the gross shipping weight. Do not enter estimated carton dimensions as verified manufacturer specifications.

Cisco Catalyst switches can be supplied with different accessories, power configurations, uplink modules, software entitlements, and warranty arrangements. Verify the exact orderable part number and bill of materials before placing an order.

Exact Part Number

Confirm the full Cisco PID, including any ordering suffix, and verify that the delivered hardware matches the required configuration.

Included Accessories

Confirm the power supply, power cord, rack-mount hardware, stacking cables, and any optional uplink components included in the quotation.

Software and Licensing

Confirm the IOS XE version, software entitlement, licensing requirements, and feature compatibility for the intended deployment.

Warranty and Support

Verify warranty coverage, support eligibility, product condition, and lifecycle status directly with the seller before purchase.

Before ordering: Availability, lifecycle status, included modules, licensing, warranty, and shipping details should be confirmed against the exact product being offered.

06 / APPLICATIONS

Where the C9300X-48TX Fits Best

Enterprise Campus Networks

Suitable for high-speed wired access and enterprise campus network designs that require scalable switching.

High-Speed Workgroups

Supports compatible workstations, servers, and network endpoints requiring multigigabit copper connectivity.

Enterprise Infrastructure

Provides managed networking, modular uplinks, and stacking options for appropriately designed enterprise environments.

07 / DOCUMENTATION

Official Cisco Technical Resources

Review Cisco's official documentation for the latest hardware specifications, installation guidance, compatible modules, and software requirements.

Cisco Catalyst 9300 Series Datasheet

Product family specifications, port configurations, dimensions, weights, and platform information.

[View Cisco Datasheet →](#)

Cisco Hardware Installation Guide

Physical specifications, installation requirements, and hardware guidance for supported Catalyst 9300 Series models.

[View Installation Specifications →](#)

08 / NEXOGET

Request a Quote for Cisco C9300X-48TX

Contact NexoGet for pricing, stock availability, product condition, compatible uplink modules, configuration options, and shipping information.

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