

— CISCO CATALYST 1300X SERIES

Cisco Catalyst C1300X-48P-4X Managed PoE+ Switch

The Cisco Catalyst C1300X-48P-4X is a managed business switch with 48 Gigabit Ethernet PoE+ ports and four SFP28 uplink interfaces. With a reported 740W PoE power budget, Layer 2 and Layer 3 capabilities, and a 176 Gbps switching capacity, it is designed for business networks connecting access points, IP phones, cameras and other powered Ethernet devices.

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48

Gigabit PoE+ Ports

4 × SFP28

Uplink Interfaces

740W

PoE Power Budget

176 Gbps

Switching Capacity

PRODUCT OVERVIEW

Managed Switching for Business Networks

The Cisco Catalyst C1300X-48P-4X combines Gigabit access connectivity with Power over Ethernet and high-speed uplink interfaces. It is intended for small and midsize businesses, branch offices and managed network deployments that need centralized switching features and power for compatible network endpoints.

48P

Gigabit PoE+ Access

Forty-eight 10/100/1000BASE-T Ethernet ports connect compatible network devices and provide PoE+ power within the available power budget.

10G

High-Speed Uplinks

Four SFP28 uplink interfaces support high-speed network connections. Confirm transceiver, cabling and operating-mode compatibility before deployment.

740W

PoE Power Budget

The reported 740W power budget can supply power to compatible access points, IP phones, cameras and other PoE-powered devices.

L2/L3

Layer 2 and Layer 3

Managed switching features support network segmentation and routing functions, subject to the software feature set and configuration.

1U

Rack-Mountable Design

The 1U form factor is suitable for installation in compatible network racks and equipment cabinets.

SEC

Business Network Management

Management and security features help administrators monitor, segment and control access across supported business network deployments.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300X-48P-4X Detailed Specifications

The table summarizes key product details. Confirm the current Cisco datasheet and exact SKU before purchase or deployment.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300X Series
Model	C1300X-48P-4X
Product Type	Managed Ethernet Switch
Switching Layer	Layer 2 and Layer 3
Total Ethernet Ports	48 × 10/100/1000BASE-T Gigabit Ethernet
PoE Support	PoE+ (IEEE 802.3at)
Maximum PoE per Port	Up to 30 W, subject to supported port and power conditions

Total PoE Power Budget	740 W; confirm the applicable product datasheet and SKU
Uplink Interfaces	4 × SFP28
Uplink Operating Speed	10 Gbps uplinks; 25 Gbps capability is associated with supported stacking operation only
Switching Capacity	176 Gbps
Forwarding Rate	130.95 Mpps
Rack Form Factor	1U rack-mountable
Management	Web interface, CLI, SNMP and supported Cisco management tools
Network Features	VLAN, QoS, LACP and supported Layer 3 features
Security Features	Supported access-control and network-security features; confirm exact firmware capabilities
Power Supply	Internal power supply; confirm regional SKU requirements
AC Input Voltage	100–240 V AC (verify against the product label/datasheet)
AC Input Frequency	50–60 Hz (verify against the product label/datasheet)
Width	444.3 mm (reported)
Depth	340 mm (reported; verify exact hardware revision)
Height	43.94 mm (reported)

Net Product Weight	5.06 kg (reported; verify with supplier)
Typical Deployment	Business networks, branch offices and managed access-layer environments

Configuration note: Transceiver compatibility, stacking mode, software features, PoE availability per port and total PoE budget depend on the exact hardware and software configuration. Confirm these details before deployment.

02 / CONNECTIVITY

PoE Access and SFP28 Uplink Connectivity

The 48 copper Ethernet ports provide access connectivity for wired devices, while the four SFP28 interfaces provide uplink options for connecting the switch to aggregation or core network equipment. Select optics and cables based on link distance, connector type and compatibility requirements.

Wireless Access Points

PoE+ can simplify installation of compatible access points by carrying data and power over Ethernet cabling.

IP Phones and Cameras

Connect supported PoE-powered endpoints while managing port access and network segmentation centrally.

Uplink Design

Use compatible SFP28 transceivers or direct-attach cables as appropriate for the required speed, distance and connected equipment.

03 / DEPLOYMENT

Management, Security and Network Planning

As a managed switch, the C1300X-48P-4X is intended for environments where administrators need control over access ports, VLANs, traffic handling and network operations. Check the firmware release and feature documentation applicable to the unit.

Network Segmentation

Plan VLANs and related policies to separate user, voice, wireless and device traffic according to organizational requirements.

PoE Budget Planning

Calculate the combined power requirements of attached endpoints and leave appropriate headroom within the switch's supported PoE budget.

Compatibility Checks

Verify software features, stacking requirements, transceiver support and interoperability with existing network equipment before ordering.

04 / PHYSICAL DETAILS

Dimensions, Weight and Rack Installation

Allow additional clearance for power cables, Ethernet patch leads, airflow and service access when planning the rack layout.

Product Width	444.3 mm (reported)
Product Depth	340 mm (reported; confirm with supplier)
Product Height	43.94 mm (reported)
Product Dimensions (W × D × H)	444.3 × 340 × 43.94 mm (reported; verify before rack planning)

Net Product Weight	5.06 kg (reported; verify with supplier)
Rack Height	1U

05 / PACKAGING

Shipping Dimensions and Package Weight

The following figures are indicative third-party listing estimates and should not be treated as confirmed manufacturer carton specifications. Packaging can vary by region and seller. Verify the actual packed shipment before booking a carrier.

Estimated Package Length	57.18 cm
Estimated Package Width	48.08 cm
Estimated Package Height	9.5 cm
Estimated Shipping Weight	7.83 kg
Packaging Data Status	Indicative estimate; confirm with the supplying seller before dispatch

Shipping note: Package dimensions and shipping weight differ from the bare switch's dimensions and net weight. For accurate freight or volumetric-weight calculations, measure the sealed shipment, including any additional protective outer carton.

06 / APPLICATIONS

Common Use Cases for Cisco C1300X-48P-4X

Small and Midsize Businesses

Managed Gigabit access ports and uplink options support business LAN connectivity and network growth.

Branch Offices

PoE access helps connect phones, cameras and wireless access points while reducing the need for separate endpoint power supplies.

Converged Access Networks

Use VLANs and managed switching functions to organize compatible wired endpoints and connected services.

07 / PROCUREMENT

Before You Order Cisco C1300X-48P-4X

Confirm the exact model number, new or refurbished condition, regional power requirements, included accessories, transceiver needs, PoE power requirements, warranty and stock status. Contact NexoGet for a quotation and delivery details.

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Need a quote for Cisco C1300X-48P-4X?

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

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