

CISCO CATALYST 1300X SERIES

Cisco Catalyst Switch

C1300X-48T-4X

The Cisco Catalyst C1300X-48T-4X is a managed business network switch featuring 48 Gigabit Ethernet ports and four SFP28 uplink interfaces supporting 10G uplinks. It delivers 176 Gbps switching capacity, Layer 2 and Layer 3 capabilities, and rack-mountable connectivity for business and enterprise networks.

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48

Gigabit Ethernet Ports

4 × 10G

SFP28 Uplink Interfaces

176 Gbps

Switching Capacity

130.95 Mpps

Forwarding Rate

PRODUCT OVERVIEW

Managed Connectivity for Business Networks

Designed for business network environments, the C1300X-48T-4X combines 48 Gigabit Ethernet access ports with four high-speed SFP28 uplink interfaces. Its management, traffic-control and network-security features help administrators build and maintain structured wired networks.

48×1G

48 Gigabit Ethernet Ports

Provides 48 10/100/1000BASE-T ports for connecting computers, printers, access points and other Ethernet devices.

10G

High-Speed Uplinks

Four SFP28 interfaces support 10G uplinks. 25G operation is available for stacking only, according to Cisco documentation.

L2/L3

Layer 2 and Layer 3 Features

Supports managed switching and routing features for business network segmentation and traffic management.

176G

Switching Performance

A 176 Gbps switching capacity and 130.95 Mpps forwarding rate support wire-speed, nonblocking switching as specified by Cisco.

RACK**SEC**

Rack-Mountable Design

The 1U rack-mountable form factor is suitable for structured wiring cabinets and business network racks.

Network Management and Security

Managed network features include VLANs, spanning tree, access-control capabilities and other enterprise network tools. Available functions depend on the supported software release.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300X-48T-4X Detailed Specifications

The following specifications are based on Cisco's Catalyst 1300 and 1300X Series product documentation.

Manufacturer	Cisco
Product Family	Cisco Catalyst 1300X Series
Model	C1300X-48T-4X
Product Type	Managed Ethernet Switch
Switching Layer	Layer 2 and Layer 3
Ethernet Ports	48 × 10/100/1000BASE-T Gigabit Ethernet
Uplink Interfaces	4 × SFP28
Uplink Speed	10G uplinks; 25G available for stacking only
Switching Capacity	176 Gbps
Forwarding Rate	130.95 Mpps (64-byte packets)

Switching Architecture	Wire-speed, nonblocking switching
PoE Support	No PoE on this model
CPU	ARM dual-core, 1.5 GHz
System Memory	2 GB DDR4
Flash Memory	1 GB SLC
Packet Buffer	1.5 MB
Console Interfaces	RJ-45 console port and USB Type-C port
Reset Button	Yes
Mounting	Rack-mountable
Power Supply	Internal, universal power supply
Input Voltage	100–240V AC
Input Frequency	50–60 Hz
Dimensions (W × D × H)	444.3 × 270 × 43.94 mm
Dimensions (inches)	17.49 × 10.63 × 1.73 in
Net Unit Weight	3.6 kg (7.94 lb)
Operating Temperature	-5°C to 50°C (23°F to 122°F)

Certifications

UL 62368, CSA 22.2, CE and FCC Part 15 Class A, as specified for the series

Port and stacking note: The four SFP28 interfaces support 10G uplinks. Cisco specifies 25G capability for stacking only. Confirm transceiver, cable, stacking and software compatibility before deployment.

02 / NETWORK FEATURES

Network Management and Deployment

The Catalyst 1300X platform is designed for business networks requiring managed access switching, network segmentation, traffic control and resilient connectivity.

VLAN and Segmentation

VLAN features help separate network traffic by department, device type or business function.

Spanning Tree

Spanning Tree Protocol options help prevent Layer 2 switching loops in supported network topologies.

Traffic Management

Supported quality-of-service and traffic-control features help administrators manage network traffic priorities.

Network Security

Supported access-control and security features help protect network access when configured for the deployment.

High-Speed Uplinks

Four SFP28 interfaces provide high-speed uplink options for compatible network equipment and optical or direct-attach links.

Centralized Administration

Managed configuration and monitoring features help IT teams maintain visibility and control over the switching environment.

03 / HARDWARE AND INSTALLATION

Rack Installation, Power and Connectivity

This model is designed for rack-based Ethernet deployments. Plan rack space, airflow, power availability and compatible uplink components before installation.

Installation Type	Rack-mounted network switch
Rack Height	1U
Power Input	100–240V AC, 50–60 Hz
Ethernet Cabling	UTP Category 5e or better for 1000BASE-T
Uplink Components	Compatible SFP28 transceivers or cables, selected for the intended link
PoE Devices	External power is required for connected devices because this switch model does not provide PoE

Installation note: Transceivers, direct-attach cables, rack accessories and power cords included with a sale can vary by part number, region and seller. Confirm the exact package contents before ordering.

04 / DIMENSIONS AND SHIPPING

Product Dimensions and Shipping Information

Cisco publishes the dimensions and net weight of the switch. The shipping-carton dimensions and gross shipping weight should be confirmed using the actual package prepared for dispatch.

Product Width	444.3 mm (44.43 cm)
Product Depth	270 mm (27 cm)
Product Height	43.94 mm (4.394 cm)

Net Product Weight	3.6 kg (7.94 lb)
Shipping Carton Dimensions	Not confirmed in the cited Cisco specification
Gross Shipping Weight	Not confirmed; measure the packed product before dispatch

05 / RECOMMENDED APPLICATIONS

Where the C1300X-48T-4X Fits Best

Business Access Networks

Connect workstations, printers and other wired business devices through 48 Gigabit Ethernet access ports.

Office Network Infrastructure

Support structured wired networks that require managed switching and high-speed uplink connectivity.

Network Aggregation

Use the high-speed SFP28 interfaces for compatible uplink or stacking designs within Cisco's supported configurations.

06 / PROCUREMENT

Before You Order Cisco C1300X-48T-4X

Confirm the exact model, product condition, included accessories, warranty, stock availability, regional power requirements and compatibility with the existing network. For uplinks, verify transceiver and cable support before procurement.

Important: The C1300X-48T-4X is a non-PoE switch. If you need to power wireless access points, IP

phones or cameras over Ethernet, check whether a PoE-capable model is required.

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Need a Quote for Cisco C1300X-48T-4X?

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

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