

CISCO CATALYST 1300X SERIES

Cisco Catalyst 1300X

C1300X-24MU-4X

The Cisco Catalyst 1300X C1300X-24MU-4X is a managed multigigabit Ethernet switch designed for modern business networks, wireless access points and high-power PoE devices. It features 24 x 2.5G Ethernet ports, a combination of PoE+ and PoE++ connectivity, four 10G SFP28 uplinks and a total PoE power budget of 740W.

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24 x 2.5G

Multigigabit Ethernet Ports

740W

Total PoE Power Budget

4 x 10G

SFP28 Uplink Ports

60W

PoE++ Per Supported Port

PRODUCT OVERVIEW

High-Speed Multigigabit Switching for Modern Networks

The Catalyst 1300X series is built for business networks that need faster edge connectivity, flexible uplinks and power delivery over Ethernet. This model combines 2.5G access ports with high-power PoE++ support and 10G SFP28 uplinks in a rack-mountable design.

2.5G

24 Multigigabit Ports

Connect compatible network devices at speeds up to 2.5Gbps per access port using suitable cabling and supported devices.

PoE+

16 PoE+ Ports

Sixteen ports support IEEE 802.3at PoE+ with up to 30W per port for compatible powered devices.

60W

8 PoE++ Ports

Eight ports support IEEE 802.3bt PoE++ with up to 60W per port for compatible high-power network equipment.

10G

Four SFP28 Uplinks

Four SFP28 ports provide 10G uplink connectivity. Cisco specifies 25G operation for stacking only.

740W

RACK

High PoE Power Budget

A total PoE budget of 740W supports power delivery across compatible access points, phones, cameras and other devices.

Rack-Mountable Design

A standard 1U-height chassis is suitable for compatible network racks and structured IT installations.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300X-24MU-4X Detailed Specifications

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

Manufacturer	Cisco Systems, Inc.
Product Series	Cisco Catalyst 1300X Series
Model	C1300X-24MU-4X
Product Type	Managed Multigigabit Ethernet Switch
Switching Layer	Layer 2 and Layer 3 capabilities; verify feature requirements against Cisco documentation
Total Access Ports	24
Access Port Type	2.5G Multigigabit Ethernet
Access Port Speed	Up to 2.5Gbps per port
PoE+ Ports	16 x 2.5G ports, up to 30W per port
PoE+ + Ports	8 x 2.5G ports, up to 60W per port

PoE Standards	IEEE 802.3at PoE+ and IEEE 802.3bt Type 3 PoE++
Total PoE Budget	740W
Uplink Ports	4 x SFP28
Uplink Speed	10Gbps uplinks
Stacking Capability	25G operation available for stacking only, as specified by Cisco
Switching Capacity	148.8Gbps, subject to confirmation against the current model-specific datasheet
Forwarding Rate	Refer to the current Cisco model-specific performance table before publishing
DRAM	2GB DDR4
Flash Memory	1GB SLC flash
Packet Buffer	Confirm the model-specific value in the current Cisco datasheet
CPU	ARM dual-core, 1.5GHz
Console Port	RJ-45 console
USB Port	USB Type-C on front panel
Power Supply	Internal universal power supply

Input Voltage	100–240V AC
Input Frequency	50–60Hz
Mounting	Rack-mountable
Chassis Dimensions	444.3 x 270 x 43.94mm (W x D x H)
Unit Weight	4.28kg
Operating Temperature	-5°C to 50°C, per Cisco product specifications
Management	Managed switch; refer to Cisco documentation for supported management functions

Specification note: Check the latest Cisco datasheet and configuration guide before publishing performance figures or relying on a particular software feature. Transceiver compatibility, cable type and supported link speed can affect the final deployment.

02 / POWER AND CONNECTIVITY

Designed for High-Power Network Devices

The combination of 2.5G access and PoE+ / PoE++ can simplify cabling for compatible network devices while providing high-speed connectivity to the switching infrastructure.

Wireless Access Points

Connect compatible multigigabit wireless access points to provide faster wired backhaul and suitable PoE power.

High-Power PoE Devices

PoE++ ports can deliver up to 60W per supported port when the powered device and cabling meet the required standard.

10G Network Uplinks

The four SFP28 uplink ports support 10G uplink connections using compatible optics or direct-attach solutions.

Rack Deployment

The rack-mountable chassis fits into compatible network racks and structured cabling environments.

03 / DEPLOYMENT

Installation and Compatibility Considerations

Confirm the intended device mix, PoE requirements, uplink optics and rack environment before selecting this switch for a project.

Power Planning

The switch has a 740W total PoE budget. The combined demand of connected devices must stay within the available budget.

Cabling

Use cabling appropriate to the required Ethernet speed, installation distance and environment. Validate the link requirements for 2.5G devices.

Uplink Compatibility

Confirm SFP28 transceiver or DAC compatibility and the required uplink speed with Cisco's compatibility guidance.

04 / PACKAGING

Product Dimensions, Weight and Shipping

Cisco's published chassis dimensions and unit weight are listed separately from the indicative shipping measurements below. Confirm carton measurements with the actual supplier before arranging freight.

Product Dimensions	44.43 x 27 x 4.394cm (W x D x H)
Product Weight	4.28kg
Indicative Shipping Length	53.85cm — verify with seller
Indicative Shipping Width	40.13cm — verify with seller
Indicative Shipping Height	11.68cm — verify with seller
Indicative Shipping Weight	6.82kg — verify with seller

Shipping note: The shipping dimensions and shipping weight are indicative third-party figures, not confirmed Cisco carton specifications. Use the actual packaged measurements for courier quotations and international freight.

05 / USE CASES

Where the Cisco C1300X-24MU-4X Fits Best

Business Networks

Suitable for business access networks requiring multigigabit edge connectivity and managed switching capabilities.

Wireless Infrastructure

Connect compatible high-performance access points using 2.5G Ethernet and the appropriate PoE power level.

PoE Device Networks

Support compatible IP cameras, phones, access points and other powered devices within the switch's port and power limits.

06 / PROCUREMENT

Before You Order Cisco C1300X-24MU-4X

Confirm the exact model, stock availability, product condition, required accessories, transceiver compatibility and delivery destination with your supplier before placing an order.

Ordering checklist: Verify that the requested SKU is C1300X-24MU-4X, confirm the 24-port 2.5G configuration, check PoE requirements, and ensure that the planned SFP28 uplinks and stacking requirements match the intended network design.

For the official product specification, refer to [Cisco Catalyst 1300 and 1300X Series Datasheet](#) .

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Need a Quote for Cisco C1300X-24MU-4X?

Contact NexoGet for pricing, availability, configuration requirements and shipping details for your network project.

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