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CISCO CATALYST 1300X

MULTI-GIGABIT

L3 MANAGED

740W POE+

— CISCO CATALYST 1300X SERIES

Cisco C1300X-48NGU-4X

Multi-Gigabit Managed Switch

The Cisco C1300X-48NGU-4X is an advanced enterprise-grade Layer 3 managed switch engineered for high-performance wiring closets, modern Wi-Fi 6/6E/7 deployments, and demanding business applications. Featuring 48 multi-gigabit downlink ports, 740W PoE budget, and four 10G SFP+ uplink slots, it pairs seamlessly with portfolio items like the [C1300X-24T-4X](#), [C1300X-48T-4X](#), [C1300X-24P-4X](#), and [C1300X-48P-4X](#) switches.

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48x

4x 10G

Multi-Gigabit Ports

SFP+ Uplink Slots

740W

Total PoE Budget

240 Gbps

Switching Capacity

PRODUCT OVERVIEW

Enterprise Multi-Gigabit Architecture & Performance

Designed to deliver high-speed wired and wireless connectivity, the Cisco C1300X-48NGU-4X ensures zero performance bottlenecks across your organization. For alternative network setups and expansion requirements, explore related solutions such as the [C1300X-24MU-4X](#), [C1300X-10NU-2X](#), [C1300-12XT](#), and [C1300-12XS](#) switches.

MGIG

Multi-Gigabit Speeds

Delivers high-speed connections up to 5G on downlink ports to match modern wireless access point demands.

POE

High-Power PoE+

Supports robust PoE budgets up to 740W to power IP phones like the [CP-8875-K9](#), cameras, and access points.

10G

10G SFP+ Uplinks

Four high-speed SFP+ uplink slots provide seamless fiber backbone integration and core network scalability.

L3

Layer 3 Routing

Equipped with advanced static routing and enterprise network management capabilities for secure segmentation.

SEC

NET

Enterprise Security

Includes IEEE 802.1X authentication, port security, and advanced Access Control Lists (ACLs) to protect data.

Ecosystem Compatibility

Pairs perfectly with enterprise routers including the [CCR2004-16G-2SPC](#) and [CCR2116-12G-4S](#).

01 / TECHNICAL SPECIFICATIONS

Cisco C1300X-48NGU-4X Detailed Specifications

Complete hardware configuration parameters based on official Cisco standards.

Brand	Cisco
Model	C1300X-48NGU-4X
Product Series	Cisco Catalyst 1300X Series
Product Type	Managed L3 Switch
Total Interfaces	48 x Multi-Gigabit Ethernet ports + 4 x 10G SFP+ slots
Downlink Ports	48 x 100M/1G/2.5G/5G Multi-Gigabit ports
Uplink Ports	4 x 10G SFP+ slots
PoE Support	Yes (PoE+ / UPoE / PoE++)
Total PoE Power Budget	740W
Switching Capacity	240 Gbps
Forwarding Rate	178.56 Mpps (64-byte packets)

DRAM Memory	2 GB
Flash Memory	512 MB
Management Interfaces	Web UI, CLI, SNMP v1/v2c/v3, SSH, Telnet, RMON
Routing Protocols	Static Routing, IPv4/IPv6 Routing, RIPv2
Security Features	802.1X Authentication, Access Control Lists (ACLs), Port Security, Secure Shell (SSH)
Power Supply	Built-in Internal Power Supply (AC 100-240V)
Redundant Power Support	Optional External RPS support
Form Factor	Rack-Mountable (1RU)
Operating Temperature	0° to 40°C (32° to 104°F)

02 / DEPLOYMENT

Deployment Scenarios and Complementary Hardware

The C1300X-48NGU-4X is tailored for high-density enterprise environments. For scalable network designs, integrate it alongside models like the [C1300-16XTS](#), [C1300-24XS](#), [C1300-24XT](#), and [C1300-24XTS](#). You can also explore standard campus options such as the [C1300-12XT](#) and [C1300-12XS](#).

Corporate Offices

High-Density Wi-Fi

Provides a dependable multi-gigabit distribution layer for modern enterprise workspaces and multi-department setups.

Delivers the exact speed and power delivery needed to drive next-generation Wi-Fi access points without latency.

Security & Surveillance

Powers extensive arrays of IP cameras and network peripherals with high availability and robust security rules.

03 / PROCUREMENT & SHIPPING

Packaging Dimensions and Weight Information

Physical metrics for cargo calculation and safe international transit.

Device Dimensions (Without Box)	444 x 350 x 44 mm (Standard 1U Rack-Mount)
Device Weight (Without Box)	Approx. 5.3 kg
Package Dimensions (With Box)	Approx. 560 x 470 x 135 mm
Total Weight (With Box & Accessories)	Approx. 7.1 kg (Includes rack-mount brackets and power cord)

Important Procurement Note: Before placing your order, please review our store policies including our [Warranty Policy](#), [Payment Policy](#), and [Terms and Conditions](#). Discover more about our company profile on our [About Us](#) page or contact our sales team directly via our [Contact Us](#) page.



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

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

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