

— CISCO CATALYST 1300 SERIES

Cisco Catalyst Switch

C1300-48T-4G

The Cisco Catalyst C1300-48T-4G is a fixed, managed Gigabit Ethernet switch designed for small to medium-sized business networks. It features 48 Gigabit Ethernet ports, 4 dedicated 1G SFP uplinks, advanced security, reliable performance, and intuitive web-based management.

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48

Gigabit Ethernet Ports

4 x 1G

SFP Uplink Interfaces

Layer 3

Static Routing Capabilities

104 Gbps

Switching Capacity

PRODUCT OVERVIEW

Secure, Reliable, and Easy-to-Manage Business Switching

Cisco Catalyst 1300 Series switches provide the ideal combination of features and affordability for growing businesses, helping build a more efficient, better-connected workforce with robust security and centralized management.

48G**48 Gigabit Ports**

High-density 10/100/1000 ports to connect computers, printers, access points, and IP phones.

SFP**Fiber Uplinks**

Four 1G SFP slots for high-speed fiber backbone or inter-switch connections.

L3**Layer 3 Lite**

Supports static routing to segment traffic across VLANs without performance degradation.

Sec**Advanced Security**

Integrated network security features like 802.1X, ACLs, and DoS attack prevention.

Web**Eco**

Simple Management

Intuitive dashboard, CLI, and modern web interface for easy deployment and monitoring.

Energy Efficient

Complies with IEEE 802.3az Energy Efficient Ethernet to reduce power consumption.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300-48T-4G Detailed Specifications

Technical parameters based on official Cisco Catalyst 1300 Series data sheets.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300 Series Managed Switches
Product Model	C1300-48T-4G
Device Type	Managed Ethernet Switch
Total Interfaces	48 x 10/100/1000 Gigabit Ethernet ports + 4 x 1G SFP slots
Switching Capacity	104 Gbps
Forwarding Rate	77.38 Mpps (64-byte packets)
CPU & Memory	ARM Cortex-A9 @ 800 MHz, 512 MB RAM, 256 MB flash memory
Layer 2 Features	Port-based and 802.1Q tag-based VLANs (up to 255 active), Spanning Tree

Specification	Details
	Protocol (STP), Link Aggregation (LACP)
Layer 3 Features	Static routing, IPv4/IPv6 routing, Inter-VLAN routing
Security Features	Secure Shell (SSH), Secure Sockets Layer (SSL), IEEE 802.1X, Access Control Lists (ACLs), Port Security
Management	Web UI, Command Line Interface (CLI), SNMP v1/v2c/v3, Cisco Business Dashboard
Power Supply	Internal power supply (100-240V AC, 50-60 Hz)
Rack Mountable	1RU rack-mountable form factor (mounting kit included)
Dimensions	445 x 299 x 44 mm (17.5 x 11.73 x 1.73 inches)
Operating Temperature	0° to 50°C (32° to 122°F)
Warranty	Cisco Limited Lifetime Hardware Warranty

02 / DEPLOYMENT AND MANAGEMENT

Ease of Use and Scalability

Designed to be operational out of the box with quick configuration wizard setups and flexible remote management tools.

Important: The C1300-48T-4G model does not support Power over Ethernet (PoE). Ensure your powered endpoints (like IP phones or wireless APs) have local power adapters or use a separate PoE injector if needed.

03 / USE CASES

Ideal Deployment Scenarios

OFF

Office Core Switching

Connecting a large number of employee workstations and desktop computers securely.

LAN

VLAN Segmentation

Separating voice, guest, and corporate networks with high reliability.

BK

Server Room Uplinks

Using the SFP ports for optical fiber connections to core network switches or routers.

SMB

Medium Business Networks

Providing enterprise-grade routing and switching features on an SMB budget.

EDU

Schools and Campuses

Reliable wired connectivity for computer labs, classrooms, and administrative offices.

SEC

Secure Environments

Leveraging advanced port security and access lists to protect corporate data.

04 / ACCESSORIES

Compatible Transceivers and Accessories

Accessory Item	Description
MGBSX1	Cisco 1000BASE-SX SFP transceiver, multimode fiber, 850nm, 550m
MGBLX1	Cisco 1000BASE-LX SFP transceiver, single-mode fiber, 1310nm, 10km
CAB-ACE	AC Power Cord (country-specific)
RACK-MOUNT-KIT-1300	Included 19-inch rack-mount brackets and screws

05 / IMPORTANT INFORMATION

Ordering and Logistics Note

- Power Type:** This is a non-PoE switch (48 RJ-45 Ethernet ports without power output).
- Uplinks:** Includes 4 SFP fiber slots (transceiver modules sold separately).
- Support:** Backed by Cisco's Limited Lifetime Hardware Warranty.
- Availability:** Contact NexoGet to verify stock status, latest firmware updates, and delivery timelines.



Need Pricing or Availability for C1300-48T-4G?

Contact NexoGet for pricing, stock availability, product condition, transceivers, shipping options and enterprise IT hardware quotations.

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