
CISCO CATALYST 1200 SWITCH

C1200-24P-4G

24-Port Gigabit PoE+ Switch

Cisco C1200-24P-4G is a business-class managed switch from the Cisco Catalyst 1200 Series, designed for reliable Gigabit Ethernet connectivity, Power over Ethernet Plus and flexible network uplinks. It combines 24 Gigabit PoE+ ports, a 195W PoE power budget and four Gigabit SFP uplinks in a rack-mountable platform for modern small and medium-sized business networks.

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24

Gigabit PoE+ Ports

195W

PoE Power Budget

4x

Gigabit SFP Uplinks

56G

Switching Capacity

PRODUCT OVERVIEW

Managed Gigabit switching with PoE+ flexibility

The Cisco C1200-24P-4G provides a practical access-layer solution for business networks that need Gigabit Ethernet, PoE+ device connectivity, VLAN segmentation, link aggregation, spanning-tree technologies and fiber-capable Gigabit uplinks.

24

24 Gigabit PoE+ Ports

Twenty-four 10/100/1000 Ethernet ports support IEEE 802.3af and 802.3at PoE+, with up to 30W available per Gigabit Ethernet port within the switch power budget.

195W

195W PoE Budget

The C1200-24P-4G provides a total 195W PoE power budget for compatible powered devices connected to its Ethernet ports.

SFP

4 Gigabit SFP Uplinks

Four Gigabit SFP interfaces provide flexible uplink connectivity for compatible fiber or copper Gigabit transceivers.

Basic Product Information

Brand	Cisco
Manufacturer	Cisco Systems, Inc.
Product Name	Cisco Catalyst C1200-24P-4G
Model Number	C1200-24P-4G
Product Type	Managed Gigabit Ethernet Switch
Series	Cisco Catalyst 1200 Series
Network Layer	Managed Layer 2 Switching Platform
Primary Use	Business access-layer networking and Ethernet connectivity
Form Factor	Rack-mountable
Port Configuration	24 Gigabit PoE+ ports + 4 Gigabit SFP uplinks
Deployment	Small and medium-sized business networks, offices and managed access networks

Switching Performance and Connectivity

Ethernet Ports	24 × 10/100/1000 Gigabit Ethernet
PoE Ports	24

PoE Standard	IEEE 802.3af PoE and IEEE 802.3at PoE+
PoE Power Budget	195W
Maximum PoE Per Port	Up to 30W per Gigabit Ethernet port within the total PoE budget
SFP Uplinks	4 × Gigabit SFP
SFP Speed	1Gbps
Switching Capacity	56Gbps
Forwarding Rate	41.67Mpps at 64-byte packets
Switching Architecture	Wire-speed and nonblocking
Packet Buffer	1.5MB dynamically shared
MAC Address Table	Up to 8,000 MAC addresses
Jumbo Frames	Up to 9,000 bytes

03 / LAYER 2 NETWORKING

VLAN, STP, LACP and Network Management

Layer 2 Features

802.1Q VLAN

Up to 255 Active VLANs

Management VLAN

Guest VLAN

Link & Traffic Features

IEEE 802.3ad LACP

Link Aggregation

QoS

Voice QoS

Voice VLAN

Auto Surveillance
VLAN

STP

RSTP

MSTP

PVST+

Rapid PVST+

IGMP Snooping

Multicast
Management

IGMP v1/v2/v3

GVRP

GARP

VSDP

Port
Management

Network
Segmentation

Access Control
Features

04 / POE & UPLINKS

Power devices and connect your network efficiently

The combination of PoE+ access ports and Gigabit SFP uplinks allows the C1200-24P-4G to operate as an access-layer switch for networks that combine powered endpoints with fiber or transceiver-based uplink connectivity.

PoE

PoE+ Access Layer

Connect compatible PoE-powered network devices through the 24 Gigabit Ethernet ports while sharing a total 195W power budget.

1G

Gigabit Uplinks

Four Gigabit SFP interfaces support compatible Cisco SFP transceivers for fiber or copper-based Gigabit connectivity.

L2

Network Segmentation

VLAN, Voice VLAN, STP, LACP and IGMP snooping features help organize and manage traffic in structured business networks.

Hardware architecture and management interfaces

CPU	Dual-core ARM 1.4GHz
DRAM	1GB DDR4
Flash Memory	512MB
Packet Buffer	1.5MB dynamically shared
Console Port	Cisco standard RJ-45 console
USB Port	USB Type-C on the front panel
Reset	Reset button
LED Indicators	System, Link/Act, PoE and Speed
Cabling	UTP Category 5e or better for 1000BASE-T
Management	Web-based and Cisco network management capabilities

Physical and Environmental Details

Dimensions (W × D × H)	445 × 299 × 44 mm
Dimensions (W × D × H)	17.5 × 11.77 × 1.73 in
Net Weight	3.53 kg / 7.78 lb
Form Factor	Rack-mountable

Rack Height	1U-class chassis
Power Input	100–240V AC, 50–60Hz
Operating Temperature	-5°C to 50°C
Operating Humidity	10%–90% relative humidity, non-condensing
Storage Temperature	-25°C to 70°C
Mounting	Rack-mountable

07 / RECOMMENDED APPLICATIONS

Where Cisco C1200-24P-4G fits best

01

Small & Medium Businesses

A 24-port managed configuration provides a practical access-layer platform for offices and growing business networks.

02

IP Telephony

PoE+ and Voice VLAN features support network environments where compatible IP phones and data devices share the same switching infrastructure.

03

Wireless Networks

PoE+ connectivity can simplify deployment of compatible powered networking equipment such as wireless access points.

04

Surveillance Networks

PoE connectivity and Auto Surveillance VLAN features can support structured network deployments for compatible surveillance devices.

05

Office Access Layer

Gigabit Ethernet access ports provide connectivity for computers, printers, phones and other business network endpoints.

06

Network Expansion

Four Gigabit SFP uplinks provide additional connectivity options when extending the access layer toward another switch or network infrastructure.

08 / COMPATIBLE UPLINK OPTIONS

Gigabit SFP connectivity

Cisco documents several compatible Gigabit SFP modules for the Catalyst 1200 Series. The exact transceiver should be selected according to the required medium, distance and network architecture.

Fiber SFP Options

MGBSX1**MGBLH1****MGBLX1****GLC-SX-MMD****GLC-LH-SMD****GLC-BX-U****GLC-BX-D**

Copper SFP Option

MGBT1**GLC-TE****1000Mbps****Cat 5e UTP****Up to 100m**

09 / RELATED CATALYST 1200 MODELS

Choose the right Catalyst 1200 configuration

Cisco offers multiple Catalyst 1200 configurations with different port densities, PoE budgets and uplink speeds. The appropriate model depends on the required number of endpoints, PoE consumption and uplink architecture.

24P

C1200-24P-4G

24 Gigabit PoE+ ports, 195W PoE budget and 4 Gigabit SFP uplinks.

24FP

C1200-24FP-4G

24 Gigabit PoE+ ports with a higher PoE power budget and 4 Gigabit SFP uplinks.

48P

C1200-48P-4G

48 Gigabit PoE+ ports for deployments requiring greater access-port density.

Important ordering note: Cisco Catalyst 1200 models can differ in port count, PoE budget, uplink interface type and hardware configuration. Confirm the exact SKU, required PoE capacity, SFP/SFP+ requirements, power requirements and included accessories before purchase.

Need pricing, availability or a bulk quotation for C1200-24P-4G?

Contact NEXOGET for Cisco Catalyst switches, enterprise networking equipment, project quantities, technical specifications, shipping information and availability.

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Product: Cisco Catalyst C1200-24P-4G Managed Switch

Brand: Cisco

Series: Cisco Catalyst 1200 Series

Category: 24-Port Gigabit PoE+ Managed Switch

Specifications are based on Cisco's published Catalyst 1200 Series documentation. Product specifications, firmware, availability and included accessories may change. Verify the current manufacturer documentation and exact SKU before purchase.