

CISCO CATALYST 1200 SERIES

Cisco Catalyst C1200-24FP-4G Smart Managed Switch

Build a reliable and flexible business network with the **Cisco Catalyst C1200-24FP-4G**, a 24-port Gigabit smart managed switch featuring 802.3af/at PoE+, a 375W total PoE budget, and four Gigabit SFP uplinks for dependable access-layer connectivity.

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24 Ports

375W

Gigabit Downlinks with PoE+

Total PoE Power Budget

4 x 1G

Gigabit SFP Uplink Slots

56 Gbps

Total Switching Capacity

COMPREHENSIVE OVERVIEW

Reliable Gigabit PoE+ Connectivity for Modern Business Networks

In-depth overview of the Cisco Catalyst C1200-24FP-4G smart managed switch and its access-layer capabilities.

The **Cisco Catalyst C1200-24FP-4G** is a 24-port Gigabit smart managed switch designed for small and medium-sized businesses, branch offices, retail environments, educational facilities, and other organizations that need dependable Ethernet connectivity with integrated PoE+. Its combination of 24 x 10/100/1000 RJ-45 ports and four Gigabit SFP uplinks provides a practical architecture for connecting users and powered network devices while maintaining flexible uplink connectivity.

Organizations comparing Cisco access-layer platforms can also evaluate the higher-density [Cisco C1200-48P-4X](#) or the non-PoE-oriented [Cisco C1200-48T-4X](#) when their network requires a different port configuration. For environments that require the same 24-port PoE+ concept with higher-speed uplinks, the [Cisco C1200-24FP-4X](#) provides four 10G SFP+ uplink interfaces.

Power over Ethernet (PoE+) & Endpoint Integration

One of the main advantages of the C1200-24FP-4G is its **375W PoE budget**. The switch supports IEEE 802.3af PoE and IEEE 802.3at PoE+, allowing compatible endpoints to receive both network connectivity and electrical power over the same Ethernet connection.

This makes the C1200-24FP-4G particularly useful for deployments involving IP phones, wireless access points, surveillance cameras, and other compatible powered devices. For organizations considering smaller Cisco Catalyst 1200 platforms, the [Cisco C1200-8FP-2G](#) can be evaluated for compact installations, while the [Cisco C1200-8T-E-2G](#) provides a smaller Gigabit access option.

POE

375W PoE+ Budget

Supports 802.3af and 802.3at PoE+ across 24 Gigabit Ethernet ports with a 375W total power budget.

SFP

4 Gigabit SFP Uplinks

Four dedicated Gigabit SFP interfaces provide flexible fiber or compatible uplink connectivity.

L2

Smart Network Management

VLAN, LACP, STP, RSTP, MSTP, IGMP snooping and other Layer 2 capabilities support structured business networks.

01 / TECHNICAL SPECIFICATIONS

Cisco Catalyst C1200-24FP-4G Detailed Specifications

Complete technical metrics, hardware properties, interfaces, PoE capabilities, and physical parameters.

Product Model & Series	Cisco Catalyst C1200-24FP-4G (Catalyst 1200 Series)
Downlink Ports	24 x 10/100/1000 Mbps Gigabit Ethernet RJ-45 ports
PoE Standard	IEEE 802.3af PoE and IEEE 802.3at PoE+
PoE Power Budget	375W total PoE power budget
Maximum PoE Per Port	Up to 30W per Gigabit Ethernet port, subject to the total switch PoE budget

Uplink Interfaces	4 x Gigabit SFP uplink ports
Switching Capacity & Performance	56 Gbps switching capacity; 41.67 Mpps forwarding rate
Forwarding Architecture	Wire-speed and nonblocking switching
Active VLANs	Up to 255 active VLANs simultaneously
LACP	Up to 4 groups; up to 8 ports per group; up to 16 candidate ports per dynamic LAG
Spanning Tree	IEEE 802.1D STP, 802.1w RSTP, 802.1s MSTP, PVST+, Rapid PVST+
PVST+	Up to 126 instances
Rapid PVST+	Up to 126 instances
IGMP Snooping	IGMP v1, v2 and v3
Multicast Groups	Up to 255 multicast groups
Flash Memory	512 MB
CPU	Dual-core ARM 1.4 GHz
System Memory	1 GB DDR4 DRAM
Packet Buffer	1.5 MB aggregate, dynamically shared
Console Interfaces	Cisco standard RJ-45 console and USB Type-C

USB Interface	USB Type-C front-panel interface
Ethernet Cabling	UTP Category 5e or better for 1000BASE-T
Dimensions	445 × 345 × 44 mm
Device Weight	Approximately 4.6 kg
Power Supply	Internal universal 100–240V, 50–60 Hz
Operating Temperature	-5°C to 50°C
Installation	Rack-mountable

02 / ECOSYSTEM INTEGRATION

Practical Applications & Deployment Scenarios

How the C1200-24FP-4G fits into business, branch-office, surveillance, wireless, and voice network environments.

The C1200-24FP-4G is well suited to business offices, educational environments, retail locations, branch offices, IP surveillance deployments, and other access-layer networks requiring a combination of Gigabit connectivity and PoE+. Its 24-port configuration provides enough density for many small and medium-sized wiring closets while four Gigabit SFP ports provide dedicated uplink connectivity.

Organizations deploying larger access layers can compare the [Cisco C1200-48P-4X](#) when 48 PoE+ access ports are required. For a different 24-port configuration, the [Cisco C1200-24P-4X](#) offers another Catalyst 1200 option with 10G SFP+ uplinks.

Businesses evaluating the broader Cisco access portfolio can also consider the [Cisco C9200L-24P-4G-E](#) or the higher-density [Cisco C9200L-48P-4G-E](#) when their network architecture requires a different Cisco switching platform.

For organizations that require 10G uplink capability while retaining a 24-port PoE+ access configuration, the [Cisco C1200-24FP-4X](#) is another model worth evaluating.

Deployment Recommendation: When planning a C1200-24FP-4G installation, calculate the combined PoE requirements of connected endpoints and verify that the required uplink technology matches the network design. For compatible Cisco switching hardware and networking equipment, visit the [NexoGet shop catalog](#).



Ready to Order Cisco C1200-24FP-4G?

Get competitive pricing, verified stock status, and international shipping options for the Cisco Catalyst C1200-24FP-4G. Connect directly with NexoGet for enterprise networking hardware support.

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