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CISCO SWITCH

CATALYST 1300

24-PORT POE+

195W POE BUDGET

— CISCO CATALYST 1300 SERIES

Cisco Catalyst C1300-24P-4G

24-Port Gigabit PoE+ Managed Switch

The Cisco Catalyst C1300-24P-4G is a fixed, managed Gigabit Ethernet switch for small and midsize businesses and branch offices. It combines 24 Gigabit PoE+ ports with a 195W PoE budget, four 1G SFP uplinks, Layer 3 features, advanced security, wire-speed 56 Gbps switching and silent fanless operation in a compact 1U rack-mountable chassis.

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24

195W

Gigabit PoE+ RJ-45 Ports

Total PoE Power Budget

4 × 1G

SFP Uplink Ports

56 Gbps

Switching Capacity

PRODUCT OVERVIEW

Powerful PoE+ Switching for Growing Networks

The C1300-24P-4G delivers data and power over a single cable to IP phones, wireless access points and IP cameras. Its 195W budget, Layer 3 capabilities, security features and simple management make it a practical access switch for offices, schools, clinics, retail sites and branch locations.

24

24 Gigabit PoE+ Ports

Every 10/100/1000 RJ-45 port supports IEEE 802.3af/at PoE+ with up to 30W per port.

195W

195W PoE Budget

A shared power budget suited to mixed loads of phones, access points and cameras.

SFP

Four 1G SFP Uplinks

Link to a core switch, router or remote building using compatible 1G SFP transceivers.

L3

Layer 3 Features

Static routing, inter-VLAN routing and IPv6 support help segment and scale your network.

SEC

Advanced Security

DB

Simple Management

802.1X authentication, ACLs, DHCP snooping, IP Source Guard and storm control protect business traffic.

Manage through the web interface, Cisco Business Dashboard or the Cisco Business Mobile App.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300-24P-4G Detailed Specifications

The following details are based on the Cisco Catalyst 1300 Series data sheet and supplier product listings. Minor values may vary by hardware revision.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300 Series Switches
Product Model	Catalyst C1300-24P-4G
Part Number	C1300-24P-4G (a regional suffix may apply to the ordering ID)
Product Type	Fixed managed Layer 3 Gigabit Ethernet PoE+ switch
Total Ports	28 (24 copper + 4 SFP)
Ethernet Ports	24 × 10/100/1000 Mbps RJ-45, all PoE+ capable
Uplink Ports	4 × 1G SFP
PoE Standard	IEEE 802.3af / 802.3at, up to 30W per port

Specification	Details
PoE Power Budget	195W total, shared across all ports
Switching Capacity	56 Gbps, wire-speed and non-blocking
Forwarding Rate	41.66 Mpps (64-byte packets)
MAC Address Table	16,000 entries
Jumbo Frames	Up to 9000 bytes
Routing	Static IPv4 routing, inter-VLAN routing, IPv6 support
Security	802.1X, port security, ACLs, DHCP snooping, dynamic ARP inspection, IP Source Guard, storm control
Management	Web UI, CLI, SNMP, SSH, HTTPS, Cisco Business Dashboard, Cisco Business Mobile App
CPU / Memory	ARM dual-core 1.4 GHz, 1 GB DDR4 DRAM, 512 MB flash
Stacking	Not supported on this model
Cooling	Fanless, silent operation
Power Supply	Internal, 100–240V AC, 50/60 Hz
Form Factor	1U, rack-mountable

Specification	Details
Dimensions (W × D × H)	445 × 299 × 44 mm (17.5 × 11.77 × 1.73 in)
Weight	3.53 kg (7.78 lb)
Operating Temperature	-5°C to 50°C (23°F to 122°F), 10–90% non-condensing humidity
Certifications	UL 62368, CSA 22.2, CE, FCC Part 15 Class A
Package Contents	Switch, power cord, mounting kit, pointer card
Warranty	Cisco limited lifetime hardware warranty; terms may vary by region, confirm with NexoGet

02 / MANAGEMENT AND DEPLOYMENT

Planning Your PoE Power Budget

The total PoE budget is shared across all 24 ports. Add up the power draw of your devices before ordering to make sure the switch fits your deployment.

Important: The C1300-24P-4G offers a 195W total PoE budget, not 30W on every port at once. It suits mixed loads such as desk phones, access points and cameras that each draw a modest amount of power. For heavier PoE requirements, compare full-PoE models before ordering. This model uses four 1G SFP uplinks and does not support stacking.

03 / USE CASES

Where the Cisco C1300-24P-4G Fits Best

VoIP

IP Telephony

Power desk phones over Ethernet and use voice VLAN and QoS to keep calls clear.

AP

Wi-Fi Access Points

Power ceiling-mounted access points with VLAN separation for guest and staff traffic.

CAM

IP Camera Systems

Supply PoE+ to surveillance cameras without separate power adapters or outlets.

OFF

Small and Medium Offices

Connect phones, access points, printers and PCs on a single managed switch.

EDU

Schools and Clinics

Isolate student, staff and administrative traffic with VLANs across a dense port layout.

BR

Branch Offices

Manage remotely with Cisco Business Dashboard and link to headquarters over SFP fiber.

04 / RELATED MODELS

Related Cisco Switches

Model	Description
C1300-24T-4G	24 Gigabit ports without PoE and 4 SFP uplinks for computers and servers
C1300-16FP-2G	16 full PoE+ ports with 240W PoE budget and 2 SFP uplinks

Model	Description
C1300-16P-2G	16 PoE+ ports with 120W PoE budget for smaller deployments
C1200-24P-4G	Catalyst 1200 Series 24-port PoE switch with 4 SFP uplinks
C1000-24P-4G-L	Catalyst 1000 Series 24-port PoE+ switch with 4 SFP uplinks

05 / IMPORTANT INFORMATION

Before You Order

SKU: Confirm the exact part number and any regional suffix with NexoGet before ordering.

Power: Total PoE output is limited to 195W. Add up the wattage of all connected devices and leave headroom for growth.

Uplinks: SFP transceivers are not included. Choose modules that match your fiber type and distance.

Availability: Confirm stock condition, hardware revision, included items, warranty terms and delivery details with NexoGet.



Need Pricing or Availability for C1300-24P-4G?

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

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