

— CISCO CATALYST 1300 SERIES

Cisco Catalyst C1300-24FP-4G

24-Port Full PoE+ Managed Switch

The Cisco Catalyst C1300-24FP-4G is a fixed, managed Layer 3 Gigabit Ethernet switch built for small and midsize businesses and branch offices. It combines 24 Gigabit PoE+ ports, a 370W PoE budget, four 1G SFP uplinks, advanced security features and cloud-ready management in a 1RU rack-mountable design.

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24

Gigabit PoE+ Ports (802.3af/at)

370W

Total PoE Power Budget

4 × SFP

1 Gigabit Uplink Ports

56 Gbps

Wire-Speed Switching Capacity

PRODUCT OVERVIEW

Powerful PoE+ Access Switching for Growing Networks

The Cisco Catalyst C1300-24FP-4G powers and connects IP phones, wireless access points, IP cameras and other endpoints over a single Ethernet cable. Its Layer 3 features, strong security tools and Cisco Business management options make it a practical access switch for small offices, schools, clinics, retail stores and branch sites.

PoE**24 Full PoE+ Ports**

All 24 Gigabit copper ports support 802.3af, 802.3at and Cisco legacy PoE, with up to 30W per port.

370W**370W PoE Budget**

Shared power budget for phones, access points and cameras, with time-based PoE and persistent PoE features.

SFP**4 × 1G SFP Uplinks**

Connect to your core or aggregation layer over multimode fiber, single-mode fiber or SFP copper modules.

L3**Layer 3 Routing**

Wire-speed IPv4 and IPv6 routing with static routes and RIPv2 for inter-VLAN communication.

SEC

Built-In Security

802.1X, ACLs, DHCP snooping, Dynamic ARP Inspection, IP Source Guard and IPv6 First Hop Security.

CBD

Easy Management

Web UI, CLI, SNMP, Cisco Business Dashboard with embedded probe and the Cisco Business mobile app.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300-24FP-4G Detailed Specifications

The following details are based primarily on the Cisco Catalyst 1300 Series Switches data sheet.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300 Series Switches
Part Number	C1300-24FP-4G
Product Type	Fixed managed Layer 3 Gigabit Ethernet PoE+ switch
Total System Ports	28 × Gigabit Ethernet
RJ-45 Ports	24 × 10/100/1000 Mbps, all PoE/PoE+
Uplink Ports	4 × 1G SFP
PoE Standards	IEEE 802.3af, IEEE 802.3at (PoE+) and Cisco pre-standard (legacy) PoE

Specification	Details
PoE Power Budget	370W total, up to 30W per port
Switching Capacity	56 Gbps, wire speed and non-blocking
Forwarding Rate	41.66 Mpps (64-byte packets)
MAC Address Table	16,000 addresses
VLAN Support	Up to 4093 VLANs; port, 802.1Q, MAC, protocol and IP subnet-based VLANs; voice VLAN; private VLAN; Q-in-Q
Layer 3 Features	IPv4/IPv6 wire-speed routing, up to 990 static routes, up to 128 IP interfaces, RIPv2, policy-based routing, DHCP server, DHCP relay
Quality of Service	8 hardware queues, strict priority and WRR scheduling, DSCP/CoS classification, rate limiting, iSCSI optimization
Security	802.1X authenticator and supplicant, web authentication, ACLs (up to 1024 rules), DHCP snooping, DAI, IP Source Guard, port security, storm control, BPDU/Root Guard, IPv6 First Hop Security, RADIUS and TACACS+

Specification	Details
Management	Web UI (HTTP/HTTPS), full CLI, SSH, SNMP v1/v2c/v3, RMON, sFlow, Cisco Business Dashboard (embedded probe), Cisco Business mobile app, Cisco Network Plug and Play
Console and USB	RJ-45 console port and USB Type-C port for console and file management
Memory and CPU	512 MB flash, 1 GB DDR4 DRAM, ARM dual-core 1.4 GHz CPU, 1.5 MB packet buffer
Jumbo Frames	Up to 9000 bytes
Stacking	Not supported on this model (available on selected C1300 4X models)
Energy Efficiency	IEEE 802.3az EEE, energy detect, cable length detection, time-based port operation, time-based PoE
Power Supply	Internal, universal 100–240V AC, 50–60 Hz
Cooling	1 internal fan, approx. 39 dBA at 25°C
Form Factor	1RU rack-mountable; 19-inch mounting brackets included
Dimensions (W × D × H)	444.3 × 350 × 43.94 mm (17.49 × 13.77 × 1.73 in)

Specification	Details
Unit Weight	4.6 kg (10.14 lb)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	10% to 90%, relative, non-condensing
MTBF	500,161 hours at 25°C
Certifications	UL 62368, CSA 22.2, CE, FCC Part 15 Class A
Package Contents	Cisco Catalyst C1300-24FP-4G switch, power cord, mounting kit, pointer card
Warranty	Cisco limited lifetime warranty with return-to-factory replacement, as stated in the data sheet

02 / DEPLOYMENT AND COMPATIBILITY

PoE Planning, Uplinks and Model Selection

Confirm your power, uplink and management requirements before ordering to make sure the C1300-24FP-4G is the right fit for your network.

Important: The 370W PoE budget is shared across all 24 ports. Add up the maximum draw of your phones, access points and cameras to make sure the total stays within budget. If you need 10G uplinks or stacking, compare the C1300-24FP-4X. If you do not need PoE, consider the C1300-24T-4G. Confirm the exact SKU with the supplier before purchase.

03 / USE CASES

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

OFF

Small and Midsize Offices

Power IP phones, laptops docks and access points from one switch, with voice VLAN and QoS support.

WLAN

Wireless Access Deployments

Supply PoE+ power to Wi-Fi access points across floors and departments without extra power adapters.

CAM

IP Surveillance

Connect and power IP cameras with auto surveillance VLAN and PoE scheduling features.

EDU

Schools and Training Centers

Segment staff, student and guest traffic with VLANs, ACLs and 802.1X authentication.

RET

Retail and Hospitality

Support POS terminals, digital signage and guest connectivity with secure traffic segmentation.

BR

Branch Offices

A compact 1RU access switch with Layer 3 routing, fiber uplinks and centralized Cisco Business management.

04 / ACCESSORIES

Related Cisco Accessories and SFP Modules

Accessory	Use
MGBSX1	1G SFP multimode fiber module, up to 500 m
MGBLX1	1G SFP single-mode fiber module, up to 10 km
MGBT1	1G SFP copper module (UTP Cat 5e), up to 100 m
GLC-SX-MMD	1G SFP multimode fiber module, up to 550 m
GLC-LH-SMD	1G SFP single-mode fiber module, up to 10 km
CAB-CONSOLE-USB-C	USB Type-C console cable
CAB-CONSOLE-RJ45	6 ft RJ-45 console cable
PWR-CLP	Power cable restraining clip
RCKMNT-1RU-1K=	Spare 1RU rack-mount kit for C1300 24/48-port models

05 / IMPORTANT INFORMATION

Before You Order

SKU: Confirm the exact part number C1300-24FP-4G, and check whether you need the C1300-24FP-4X for 10G SFP+ uplinks.

Power: The switch has an internal universal power supply; a country-appropriate power cord may be

needed.

Optics: SFP modules and console cables are not included and are ordered separately.

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



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

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

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