

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-24P-4G

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1200-24P-4G
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1200-24P-4G Datasheet

The Cisco C1200-24P-4G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1200-24P-4G and integrate it into enterprise or service provider networks with confidence.

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Key Features

24-Port Full PoE+ Power Delivery

Provides 195W total IEEE 802.3af/at PoE+ across all 24 ports, supporting IP phones, wireless access points, and HD surveillance cameras without separate power supplies.

Four Dedicated SFP Uplinks for Flexible Connectivity

Supports up to four 1G SFP fiber or copper uplinks, enabling seamless connection to aggregation, core, or WAN switches in business, retail, or campus networks.

Silent, Fanless Design for Open Workspaces

Fanless hardware ensures completely noiseless operation, perfect for classrooms, open-plan offices, clinics, or retail counters where silence is critical.

Layer 3 Static Routing and Network Segmentation

Enables inter-VLAN communication, efficient traffic management, and simple network segmentation directly on the switch—enhancing network organization and security.

Comprehensive Security and VLAN Support

Features IEEE 802.1X authentication, ACLs, RADIUS, and DoS prevention, plus support for up to 255 VLANs—protecting business assets and ensuring network compliance.

Centralized, User-Friendly Management

Easy configuration, monitoring, and troubleshooting via Cisco Business Dashboard, web GUI, or mobile app—supporting both IT admins and business users with intuitive control.

Specification

Parameter	Value	Parameter	Value
Model	C1200-24P-4G	Product Type	Gigabit Ethernet PoE+ Rack-Mount Switch
Total Ports	24 x 10/100/1000 PoE+ RJ-45	Uplink Ports	4 x 1G SFP
PoE Power Budget	195W (All 24 ports)	PoE Output	IEEE 802.3af/at
Switching Capacity	56 Gbps	Forwarding Rate	41.66 Mpps
MAC Address Table	8,000	Packet Buffer	1.5 MB
Layer 2 Features	802.1d STP, RSTP, MSTP, PVST+, VLAN (255), Link Aggregation (LACP, 4 groups)	Layer 3 Features	Static Routing (32 routes), IPv4/IPv6, DHCP Relay
Quality of Service (QoS)	8 Hardware Queues, Strict Priority, WRR, Port/VLAN/IP-based	Jumbo Frames	Up to 9000 bytes
Security	802.1X, ACLs (512 rules), RADIUS, Port Security, DoS Prevention	Multicast	IGMP Snooping v1/v2/v3, 255 Groups
Management	Web UI, Cisco Business App, Cisco Business Dashboard, CLI (Bluetooth Dongle)	SNMP	v1, v2c, v3
Firmware Upgrade	HTTP/HTTPS, TFTP, SCP (over SSH), Dual Images	Port Mirroring	4 Source Ports per Destination
VLAN Mirroring	4 Source VLANs per Destination	DHCP	Client, Relay, Options 12/59/60/66/67/125/129/150
IPv6 Support	Dual Stack, ND, DAD, ISATAP, MLD Snooping	Routing Protocols	CIDR, Static
Energy Efficiency	EEE (802.3az), Auto Power Down, Cable Length Detect, Fanless	Idle Power	13.5W (110V) / 14.8W (220V)
System Power (max)	25.9W (110V) / 27.5W (220V)	Power with PoE (max)	235.2W (110V) / 230.8W (220V)
Heat Dissipation	802 BTU/hr	Dimensions (WxDxH)	445 x 299 x 44 mm
Weight	3.53 kg (7.78 lbs)	Mounting	Rack-mountable, Desktop
Fanless	Yes	Console Port	Yes (RJ-45, USB Type-C)

Parameter	Value	Parameter	Value
USB Port	Yes (Type-C, front panel)	Operating Temp	-5°C to 50°C (23°F to 122°F)
Storage Temp	-25°C to 70°C (-13°F to 158°F)	Operating Humidity	10% to 90% RH, non-condensing
MTBF	698,220 hours (25°C)	Certifications	UL 62368, CSA 22.2, CE, FCC Part 15 Class A
Warranty	Limited Lifetime	Package Contents	Switch, Power Adapter, Mounting Kit, Pointer Card
Minimum Requirements	Web Browser (Chrome, Firefox, Edge, Safari), Cat 5e Cable, OS w/ TCP/IP		

Want to Buy

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