

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-48P-4X

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1200-48P-4X
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1200-48P-4X Datasheet

The Cisco C1200-48P-4X datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1200-48P-4X and integrate it into enterprise or service provider networks with confidence.

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Key Features

Four 10G SFP+ uplinks

Ensures high-speed data aggregation to core or distribution switches, ideal for multi-floor or multi-building networks.

375 W PoE+ budget

Capable of powering all 48 ports with devices such as Wi-Fi 6/6E access points, VoIP handsets, IP surveillance cameras, PoS terminals, and IoT gateways.

L2+ switching with static IPv4/IPv6 routing

Handles inter-VLAN traffic internally, reducing latency and eliminating the need for additional Layer 3 equipment in many branch or edge deployments.

Advanced QoS

Supports differentiated traffic prioritization for voice, video, and mission-critical applications, ensuring smooth performance even during peak usage.

Robust security

Features 802.1X port-based authentication, ACLs, DHCP snooping, and VLAN segmentation to safeguard network integrity in shared or

sensitive environments.

Flexible deployment & management

Supports rack-mount installation, remote monitoring via Cisco Business Dashboard, CLI, or SNMP, and simplified setup via mobile app, catering to both IT teams and managed service providers.

Specification

Parameter	Details	Parameter	Details
Model	C1200-48P-4X	Series	Cisco Catalyst 1200
Downlink Ports	48 × 10/100/1000 RJ-45	Uplinks	4 × 10G SFP+
Switching Capacity	176 Gbps	Forwarding Rate	130.95 Mpps
PoE Standard	IEEE 802.3af/at (PoE+)	Total PoE Budget	375 W
Max PoE per Port	30 W	PoE Ports	48
Packet Buffer	3.0 MB	MAC Address Table	16,000 entries
Layer 3	Static IPv4/IPv6 routing (up to 32 static routes, 16 IP interfaces)	Layer 2	STP/RSTP/MSTP, 802.1Q VLAN, LACP
VLAN	Up to 255 active VLANs; Voice VLAN; Guest VLAN	QoS	8 queues; Strict Priority & WRR; DSCP/CoS classification
Multicast	IGMP v1/v2/v3 snooping; IGMP Querier	Security	802.1X, RADIUS, Port Security, ACLs, DoS prevention
Management	Web GUI, CLI, Cisco Business Dashboard, Mobile App	Monitoring	SNMP v1/v2c/v3, RMON, syslog
Console	RJ-45 console & USB Type-C	CPU / Memory	ARM dual-core 1.4 GHz; 1 GB DDR4; 512 MB Flash
Jumbo Frames	Up to 9000 bytes	EEE	IEEE 802.3az Energy Efficient Ethernet
Power Supply	Internal, 100–240V AC, 50–60 Hz	Power (max)	550.4 W
Idle Power	34.65 W	Heat Dissipation	1878.74 BTU/hr
Dimensions (WxDxH)	445 × 288 × 44 mm	Weight	4.5 kg
Acoustic	39.2 dBA at 25°C	MTBF	1,012,645 hours (25°C)
Operating Temp	-5°C to 50°C	Storage Temp	-25°C to 70°C

Parameter	Details	Parameter	Details
Operating Humidity	10%-90% non-condensing	Certifications	UL 62368, CSA 22.2, CE, FCC Class A
Supported SFP/SFP+ Modules	MGBSX1, MGBLX1, MGBLH1, MGBT1, GLC-SX-MMD, GLC-LH-SMD, SFP-10G-SR, SFP-10G-LR	Warranty	Limited Lifetime

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