

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-48T-4X

Cisco Network Hardware Specification, Availability and Quote Reference

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

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C1200-48T-4X Datasheet

The Cisco C1200-48T-4X datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1200-48T-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 aggregation to core or distribution layers, eliminating bottlenecks in large-scale data environments.

High-density 48-port access

Connects a large number of wired endpoints such as PCs, printers, and thin clients, ideal for enterprise floors and campus networks.

L2+ switching with static IPv4/IPv6 routing

Enables direct inter-VLAN communication, reducing reliance on external Layer 3 devices.

Advanced QoS

Prioritizes real-time and business-critical traffic such as VoIP calls, video conferencing, and virtual desktop infrastructure.

Fanless silent design

Allows deployment in noise-sensitive areas like classrooms, libraries, healthcare facilities, and open-plan offices without disturbing occupants.

Flexible management

Supports Web GUI, CLI, Cisco Business Dashboard, and mobile app for centralized or remote configuration and monitoring.

Specification

Parameter	Details	Parameter	Details
Model	C1200-48T-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	— (Non-PoE)	Total PoE Budget	N/A
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)	48.8 W
Idle Power	32.46 W	Heat Dissipation	166.37 BTU/hr
Dimensions (W×D×H)	445 × 288 × 44 mm	Weight	3.91 kg
Acoustic	Fanless (0 dBA)	MTBF	1,224,795 hours (25°C)
Operating Temp	-5°C to 50°C	Storage Temp	-25°C to 70°C
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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