

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1300-48P-4X

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1300-48P-4X
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1300-48P-4X Datasheet

The Cisco C1300-48P-4X datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1300-48P-4X and integrate it into enterprise or service provider networks with confidence.

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Key Features

Enterprise-Class High-Density PoE+ Access

Supports up to 48 PoE+ devices such as Wi-Fi 6/7 access points, HD IP cameras, and collaboration endpoints—perfect for powering digital workspaces, conference centers, or hotel floors (high-capacity PoE switch, office backbone).

Seamless Unified Communications

Ideal for converged voice, video, and data—enabling flawless deployment of VoIP phones, interactive panels, and video conferencing with intelligent traffic prioritization (unified communications switch, voice-ready, video streaming).

Flexible, Future-Proof 10G Fiber Uplinks

Four SFP+ 10G uplinks enable high-speed backbone connections, supporting bandwidth-heavy business apps, cloud migration, and fast disaster recovery across campuses or multi-floor environments (fiber uplink switch, 10G aggregation, data center-ready).

Scalable Stackable Architecture

Simplifies expansion and management for growing organizations—stack up to 8 switches as a single system with centralized configuration, failover, and increased throughput (stacking switch, modular network, scalable infrastructure).

Advanced Security for Sensitive Environments

Features 802.1X, port security, guest VLANs, and ACLs—safeguard hospital patient data, government offices, or school networks from unauthorized access and network threats (secure switch, regulatory compliance, guest isolation).

Smart Management and Low-Touch Deployment

Rapid setup, monitoring, and troubleshooting via Cisco Business Dashboard, Web GUI, or SNMP; ideal for lean IT teams or multi-site management (smart switch, remote configuration, zero-touch deployment).

Specification

Parameter	Details	Parameter	Details
Model	C1300-48P-4X	Product Type	Managed Layer 3 Gigabit Ethernet Switch
Total Ports	52 (48 × 10/100/1000 PoE+, 4 × 10G SFP+)	Switching Capacity	176 Gbps
Forwarding Rate	130.94 mpps	PoE+ Support	48 Ports, 375W Total Budget, IEEE 802.3at/af
Uplink Ports	4 × SFP+ (10 Gigabit fiber)	Packet Buffer	1.5 MB
MAC Address Table	16,000	VLANs Supported	4093
Jumbo Frames	Up to 9000 bytes	Flash/DRAM	512 MB / 1 GB DDR4
CPU	ARM dual-core 1.4 GHz	Power Consumption	Max 398.8W (110V), 392.9W (220V)
Dimensions (W×D×H)	445 × 350 × 44 mm	Weight	5.65 kg
MTBF	443,123 hours (1 fan)	Operating Temp.	-5°C to 50°C
Stacking Support	Yes, up to 8 (same family)	Fan	1 Fan
Management	Web GUI, CLI, Cisco Business Dashboard, SNMP	Certifications	UL, CSA, CE, FCC Part 15 Class A
Warranty	Limited Lifetime, RTF Replacement	Included Accessories	Power cord, pointer card, mounting kit

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