


BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET
C1300-48FP-4G

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1300-48FP-4G
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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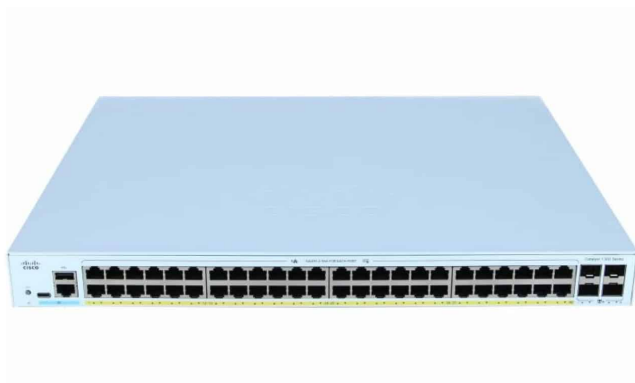
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C1300-48FP-4G Datasheet

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

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Key Features

48 Full PoE+ Ports (740W Budget)

Supports extensive deployments of APs, IP cameras, and video endpoints with ample Power over Ethernet Plus for every port (full-power PoE switch, high-density PoE).

4 Dedicated SFP Fiber Uplinks

Ensure robust, high-speed connections to distribution or aggregation layers with dedicated fiber ports (fiber uplink, SFP uplink, backbone).

Layer 3 Enterprise Routing

Static and inter-VLAN routing, IPv6 support, and advanced segmentation for scalable and efficient networks (Layer 3, managed switch, VLAN routing).

Automated Voice & Surveillance VLANs

Supports voice-ready, auto surveillance VLAN, and dynamic QoS to optimize unified communications and security systems (voice-optimized switch, surveillance-ready).

Comprehensive Security Suite

802.1X authentication, ACLs, DHCP snooping, and advanced port security provide end-to-end protection (security switch, access control).

Fan Cooled for Maximum Reliability

Active cooling for demanding PoE environments, ideal for crowded wiring closets or temperature-sensitive deployments (active cooling, reliable under load).

Specification

Parameter	Details	Parameter	Details
Model	C1300-48FP-4G	Product Type	Managed Layer 3 Gigabit Ethernet Switch
Total Ports	52 (48 × 10/100/1000 PoE+, 4 × SFP)	Switching Capacity	104 Gbps
Forwarding Rate	77.38 mpps	PoE+ Support	48 Ports, 740W Total Budget, IEEE 802.3at/af
Uplink Ports	4 × SFP (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 854.45W (110V), 819.41W (220V)
Dimensions (W×D×H)	445 × 350 × 44 mm	Weight	6.48 kg
MTBF	1,469,406 hours (1 fan)	Operating Temp.	-5°C to 50°C
Stacking Support	Not Supported	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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