

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1300-24FP-4G

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1300-24FP-4G
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1300-24FP-4G Datasheet

The Cisco C1300-24FP-4G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1300-24FP-4G and integrate it into enterprise or service provider networks with confidence.

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Key Features

24 Full PoE+ Ports (375W Total Power)

Connect and power high-density devices including APs, IP surveillance, and video phones, simplifying installation and reducing cable clutter (full-power PoE+ switch, high-power access).

Four SFP Fiber Uplinks

Offer high-speed, redundant aggregation to core or distribution switches, supporting fiber expansion and multi-site connectivity (fiber uplink, SFP uplink, redundant link).

Advanced Traffic Prioritization & Voice Optimization

Automatic voice and surveillance VLANs, QoS, and zero-touch endpoint setup ensure critical applications always get priority (voice-optimized switch, surveillance-ready).

Scalable Layer 3 Networking

Static routing, large VLAN support, and IPv6 enable future-ready business segmentation and growth (Layer 3 switch, scalable network).

Proactive Security Features

Includes 802.1X, guest VLANs, ACLs, and DHCP snooping to prevent unauthorized access and segment sensitive traffic (security switch, network segmentation).

Active Cooling for High-Power Loads

Built-in fan ensures reliable operation under maximum PoE draw, supporting demanding deployments in busy environments (cooled switch, reliable under load).

Specification

Parameter	Details	Parameter	Details
Model SKU	C1300-24FP-4G	Series Family	Cisco Catalyst 1300 Series
Processor (CPU)	Dual-core ARM 1.4 GHz	Operating System	Linux-based OS
DRAM Memory	1 GB DDR4	Flash Memory	512 MB
Total System Ports	28 Gigabit Ethernet	Downlink Ports	24 x 10/100/1000 PoE+
Uplink Ports	4 x Gigabit SFP	Console Port	1 x RJ-45, 1 x USB Type-C
PoE Standard	802.3af (PoE) / 802.3at (PoE+)	PoE Power Budget	370 W
Switching Capacity	56 Gbps	Forwarding Rate	41.66 Mpps
MAC Address Table	16,000 Entries	Packet Buffer	1.5 MB
Jumbo Frames	Up to 9,000 bytes	VLAN IDs	4,094 Active VLANs
Layer 3 Routing	IPv4 / IPv6 Static Routing	Max IP Interfaces	128
Power Supply	Internal, 100-240V, 50-60 Hz	USB Interface	1 x USB Type-A (Front)
System Power Consumption	34.6W (No PoE Load)	Max Power Consumption	460.9W (Full PoE Load)
Heat Dissipation	1572.66 BTU/hr (Full Load)	Fan System	1 Fan (Active Cooling)
Acoustic Noise	34.8 dBA (at 25°C)	MTBF (Hours)	690,000
Dimensions (W x D x H)	17.5 x 11.81 x 1.73 in (445 x 300 x 44 mm)	Weight	8.22 lb (3.73 kg)
Operating Temperature	23°F to 122°F (-5°C to 50°C)	Storage Temperature	-13°F to 158°F (-25°C to 70°C)
Operating Humidity	10% to 90% non-condensing	Certification (Safety)	UL 60950-1, CSA 22.2, EN 60950-1
Certification (EMC)	FCC Part 15 Class A, CE	Warranty	Limited Lifetime Warranty

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