

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1000-24P-4G-L

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1000-24P-4G-L
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C1000-24P-4G-L Datasheet

The Cisco C1000-24P-4G-L datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1000-24P-4G-L and integrate it into enterprise or service provider networks with confidence.



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Key Features

PoE+ support on all 24 ports

Supplies power to APs, IP phones, security cameras, and PoS systems without separate power adapters, reducing cabling complexity.

195 W total PoE budget

Sufficient for powering a mix of devices, including multiple high-draw PoE+ endpoints.

Advanced Layer 2 switching

VLAN segmentation, STP/RSTP, and link aggregation enhance network stability and performance.

Strong network security

802.1X authentication, port security, DHCP snooping, and ACLs help safeguard network integrity.

Energy-efficient PoE management

Automatically disables PoE on unused ports, reducing energy costs without impacting performance.

Prioritized traffic handling with QoS

Optimizes real-time applications such as voice calls, telepresence meetings, and video surveillance streams to ensure low latency and minimal jitter under heavy load.

Specification

Parameter	Details	Parameter	Details
Model	C1000-24P-4G-L	Series	Cisco Catalyst 1000
Downlink Ports	24 × 10/100/1000 RJ-45	Uplinks	4 × 1G SFP
Switching Capacity	56 Gbps	Forwarding Rate	41.66 Mpps
PoE Standard	IEEE 802.3af/at (PoE+)	Total PoE Budget	195 W
Packet Buffer	1.5 MB	MAC Address Table	8,000 entries
Layer	Layer 2	VLAN Support	Up to 256 VLANs
Spanning Tree	STP, RSTP, MSTP	QoS	4 queues, WRR & Strict Priority
Multicast	IGMP v1/v2/v3 snooping	Security	802.1X, Port Security, ACLs, DHCP Snooping
Management	Web GUI, CLI, SNMP v1/v2/v3	Monitoring	Syslog, RMON
Console	RJ-45 console port	CPU / Memory	800 MHz ARM, 512 MB RAM, 256 MB Flash
Jumbo Frames	Up to 9,000 bytes	EEE	IEEE 802.3az
Power Supply	Internal, 100–240V AC	Power (max)	250 W
Idle Power	40 W	Heat Dissipation	852.6 BTU/hr
Dimensions (W×D×H)	445 × 240 × 45 mm	Weight	2.7 kg
Acoustic	33.2 dBA	MTBF	>1,000,000 hours
Operating Temp	0°C to 45°C	Storage Temp	-25°C to 70°C
Operating Humidity	10%–90% non-condensing	Certifications	UL, CE, FCC Class A
Warranty	Limited Lifetime	Deployment	Rack Mount

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Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

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