

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1000-24T-4G-L

Cisco Network Hardware Specification, Availability and Quote Reference

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

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C1000-24T-4G-L Datasheet

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

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Key Features

4 × 1G SFP uplinks

Provides reliable fiber connectivity to distribution or core layers, enabling network expansion over longer distances.

24-port Gigabit access layer

Connects desktop PCs, printers, IP phones (via external power), and business servers in a single rack unit.

Silent, fanless operation

Perfect for noise-sensitive environments such as libraries, healthcare clinics, and classrooms.

Comprehensive Layer 2 support

VLAN segmentation, spanning tree protocols, and link aggregation ensure network stability and optimized traffic flow.

Flexible management

Multiple control options including Web GUI, CLI, Cisco Business Dashboard, and SNMP for centralized network monitoring.

Strong network security

Implements 802.1X authentication, ACLs, and port security to protect against unauthorized access.

Specification

Parameter	Details	Parameter	Details
Model	C1000-24T-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	— (Non-PoE)	Total PoE Budget	N/A
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
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)	21 W
Idle Power	14 W	Heat Dissipation	71.63 BTU/hr
Dimensions (W×D×H)	445 × 240 × 45 mm	Weight	2.6 kg
Acoustic	Fanless (0 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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As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

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