

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**C1000-24P-4X-L**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C1000-24P-4X-L</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

<b>200+</b> Countries Sold	<b>18,000+</b> Customers Trusted	<b>\$20M</b> Inventory Available	<b>1-Year</b> Warranty Support
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## C1000-24P-4X-L Datasheet

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

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### Key Features

#### PoE+ on all 24 ports

Supplies both data and power to wireless access points, IP phones, and security cameras without additional adapters, reducing cable clutter.

#### Advanced Layer 2 networking

VLAN segmentation improves traffic isolation, STP/RSTP/MSTP prevent network loops, and link aggregation enhances bandwidth and redundancy.

#### 195 W total PoE budget with dynamic allocation

Efficiently shares available power based on device requirements, enabling more powered devices per switch.

#### Robust network protection

Features 802.1X authentication, ACLs, and DHCP snooping to block unauthorized access and mitigate security risks.

#### Energy-efficient PoE management

Disables PoE on unused ports to lower power consumption without compromising performance.

# Flexible management

Web GUI for quick setup, CLI for in-depth configuration, and Cisco Business Dashboard or SNMP for centralized monitoring.

## Specification

Parameter	Details	Parameter	Details
Model	C1000-24P-4X-L	Series	Cisco Catalyst 1000
Downlink Ports	24 × 10/100/1000 RJ-45	Uplinks	4 × 10G SFP+
Switching Capacity	128 Gbps	Forwarding Rate	95.23 Mpps
PoE Standard	IEEE 802.3af/at (PoE+)	Total PoE Budget	195 W
Packet Buffer	3.0 MB	MAC Address Table	16,000 entries
Layer	Layer 2	VLAN Support	Up to 256 VLANs
Spanning Tree	STP, RSTP, MSTP	QoS	8 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 (WxDxH)	445 × 240 × 45 mm	Weight	3.7 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

## Want to Buy

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## Why Layer23-Switch.com

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<b>200+</b> Countries we Sold	<b>18,000+</b> Customers Trusted	<b>\$20,000,000</b> Inventory Available	<b>50%-98%</b> Off Global List Price	<b>100%</b> Safe Online Shopping
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