

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1000-48P-4G-L

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1000-48P-4G-L
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

200+ Countries Sold	18,000+ Customers Trusted	\$20M Inventory Available	1-Year Warranty Support
-------------------------------	-------------------------------------	-------------------------------------	-----------------------------------

Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

[View Product Page & Request a Quote](#)



C1000-48P-4G-L Datasheet

The Cisco C1000-48P-4G-L datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1000-48P-4G-L and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)



Key Features

Full 48-port PoE+ capability

Delivers data and power to a wide range of connected devices, including high-performance Wi-Fi 6 access points, advanced IP surveillance cameras, and SIP-based VoIP phones, eliminating the need for additional power infrastructure.

Generous 370 W PoE budget

Powers multiple high-consumption endpoints simultaneously, such as PTZ cameras, dual-radio APs, and interactive kiosks, without compromising network stability.

Prioritized traffic with QoS

Allocates bandwidth to latency-sensitive applications like video conferencing, unified communications, and ERP systems to maintain business-critical performance.

Comprehensive security framework

802.1X port-based authentication, Access Control Lists (ACLs), and DHCP snooping protect against unauthorized access and rogue devices.

Energy-efficient PoE management

Automatically disables PoE on idle ports to lower power consumption and operational costs.

Multiple management options

Offers Web GUI for fast setup, CLI for granular control, and Cisco Business Dashboard or SNMP for centralized administration across multiple sites.

Specification

Parameter	Details	Parameter	Details
Model	C1000-48P-4G-L	Series	Cisco Catalyst 1000
Downlink Ports	48 × 10/100/1000 RJ-45	Uplinks	4 × 1G SFP
Switching Capacity	104 Gbps	Forwarding Rate	77.38 Mpps
PoE Standard	IEEE 802.3af/at (PoE+)	Total PoE Budget	370 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
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)	445 W
Idle Power	85 W	Heat Dissipation	1518.46 BTU/hr
Dimensions (W×D×H)	445 × 240 × 45 mm	Weight	4.3 kg
Acoustic	37.3 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

[Order Now](#) [Get a Quote](#)

Why Layer23-Switch.com

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

200+

Countries we Sold

18,000+

Customers Trusted

\$20,000,000

Inventory Available

50%-98%

Off Global List Price

100%

Safe Online Shopping

Contact Us

- WhatsApp: [+8617181189993](https://wa.me/+8617181189993)
- Wechat: [layer23-switch](#)
- Telegram: [layer23_switch](#)
- Email: sales@layer23-switch.com

Need Price and Availability for C1000-48P-4G-L?

View product details, request a quote, or check current stock from Layer23-Switch.

[View Product Details & Request a Quote](#)