

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**C1000-16T-2G-L**

Cisco Network Hardware Specification, Availability and Quote Reference

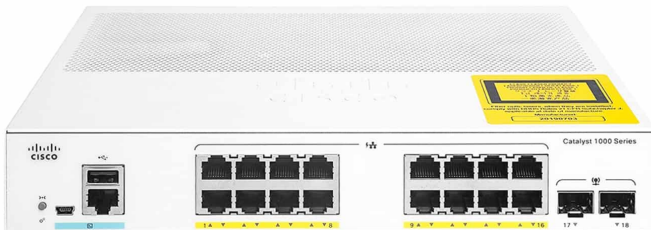
<b>Product Model</b>	<b>C1000-16T-2G-L</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

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## C1000-16T-2G-L Datasheet

The Cisco C1000-16T-2G-L datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1000-16T-2G-L and integrate it into enterprise or service provider networks with confidence.

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### Key Features

#### Compact design for space-constrained deployments

Fits easily into small network cabinets, retail counters, or office desks without taking up excessive space.

#### Two 1G SFP uplinks for flexible fiber connectivity

Supports direct connection to core or distribution switches over long distances, ideal for branch offices or building-to-building links.

#### Silent, fanless operation

Eliminates noise, making it suitable for libraries, classrooms, hospital wards, and reception areas where low noise is essential.

#### Enhanced Layer 2 features

Includes VLAN segmentation, STP/RSTP/MSTP, and link aggregation for improved traffic control and network resilience.

#### Intelligent traffic management with QoS

Prioritizes latency-sensitive traffic like VoIP calls, video conferencing, and POS transactions to maintain consistent service quality.

#### Robust access security

802.1X authentication, port security, and ACLs protect against unauthorized access and enhance compliance in secure environments.

## Specification

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Parameter	Details	Parameter	Details
Model	C1000-16T-2G-L	Series	Cisco Catalyst 1000
Downlink Ports	16 × 10/100/1000 RJ-45	Uplinks	2 × 1G SFP
Switching Capacity	36 Gbps	Forwarding Rate	26.78 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)	16 W
Idle Power	10 W	Heat Dissipation	54.56 BTU/hr
Dimensions (WxDxH)	280 × 185 × 45 mm	Weight	1.9 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	Desktop or Rack Mount

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## Why Layer23-Switch.com

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**18,000+**

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