

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-16T-2G

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1200-16T-2G
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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C1200-16T-2G Datasheet

The Cisco C1200-16T-2G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1200-16T-2G and integrate it into enterprise or service provider networks with confidence.

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Key Features

Dual Dedicated SFP Uplink Ports

Offers two 1G SFP uplinks for reliable fiber or copper backbone connectivity, supporting business network growth and aggregation.

Silent Fanless Design

Engineered for quiet operation, ideal for open offices, workgroups, classrooms, or public spaces where noise reduction is crucial.

Layer 3 Static Routing

Enables inter-VLAN communication and network segmentation directly on the switch—no need for extra routers for internal traffic.

Advanced Security and Segmentation

Features 802.1X authentication, ACLs, RADIUS, VLAN isolation, and DoS prevention for robust SMB network protection.

Efficient Centralized Management

Easy deployment and monitoring through Cisco Business Dashboard, mobile app, and intuitive web UI, suitable for both IT admins and non-technical users.

Energy Efficient and Long-Life

Low power consumption, auto power saving, EEE (802.3az), and high MTBF ensure sustainable operation and reduced operational costs.

Specification

Parameter	Value	Parameter	Value
Model	C1200-16T-2G	Product Type	Gigabit Ethernet Rack-Mount Switch
Total Ports	16 x 10/100/1000 RJ-45	Uplink Ports	2 x 1G SFP
PoE Output	No	PoE Input	No
Switching Capacity	36 Gbps	Forwarding Rate	26.78 Mpps
MAC Address Table	8,000	Packet Buffer	1.5 MB
Layer 2 Features	802.1d STP, RSTP, MSTP, PVST+, VLAN (255), Link Aggregation (LACP, 4 groups)	Layer 3 Features	Static Routing (32 routes), IPv4/IPv6, DHCP Relay
Quality of Service (QoS)	8 Hardware Queues, Strict Priority, WRR, Port/VLAN/IP-based	Jumbo Frames	Up to 9000 bytes
Security	802.1X, ACLs (512 rules), RADIUS, Port Security, DoS Prevention	Multicast	IGMP Snooping v1/v2/v3, 255 Groups
Management	Web UI, Cisco Business App, Cisco Business Dashboard, CLI (Bluetooth Dongle)	SNMP	v1, v2c, v3
Firmware Upgrade	HTTP/HTTPS, TFTP, SCP (over SSH), Dual Images	Port Mirroring	4 Source Ports per Destination
VLAN Mirroring	4 Source VLANs per Destination	DHCP	Client, Relay, Options 12/59/60/66/67/125/129/150
IPv6 Support	Dual Stack, ND, DAD, ISATAP, MLD Snooping	Routing Protocols	CIDR, Static
Energy Efficiency	EEE (802.3az), Auto Power Down, Cable Length Detect, Fanless	Idle Power	4.3W (110V) / 4.4W (220V)
System Power (max)	10.8W (110V) / 11.0W (220V)	Heat Dissipation	37.5 BTU/hr
Dimensions (WxDxH)	268 x 272 x 44 mm	Weight	1.78 kg (3.92 lbs)
Mounting	Rack-mountable, Desktop	Fanless	Yes
Console Port	Yes (RJ-45, USB Type-C)	USB Port	Yes (Type-C, front panel)
Operating Temp	-5°C to 50°C (23°F to 122°F)	Storage Temp	-25°C to 70°C (-13°F to 158°F)
Operating Humidity	10% to 90% RH, non-condensing	MTBF	2,165,105 hours (25°C)

Parameter	Value	Parameter	Value
Certifications	UL 62368, CSA 22.2, CE, FCC Part 15 Class A	Warranty	Limited Lifetime
Package Contents	Switch, Power Adapter, Mounting Kit, Pointer Card	Minimum Requirements	Web Browser (Chrome, Firefox, Edge, Safari), Cat 5e Cable, OS w/ TCP/IP

Want to Buy

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