

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-16P-2G

Cisco Network Hardware Specification, Availability and Quote Reference

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

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C1200-16P-2G Datasheet

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

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Key Features

Full 120W PoE+ Power Delivery

Supports up to 30W per port (total 120W), enabling reliable, direct power for IP phones, Wi-Fi APs, and HD security cameras—ideal for modern office and surveillance deployments.

Dual Dedicated 1G SFP Uplinks

Two SFP uplinks enable robust connections to fiber or copper aggregation, ensuring seamless integration with existing core/backbone infrastructure.

Fanless, Silent Operation

The fanless architecture delivers completely silent operation, making it perfect for open workspaces, classrooms, clinics, or anywhere noise reduction is essential.

Advanced Layer 3 Routing and Security

Features static routing, 255 VLANs, 802.1X authentication, ACLs, DoS prevention, and RADIUS—providing enterprise-grade segmentation and protection for SMB networks.

Centralized, User-Friendly Management

Fast, simple setup and monitoring via Cisco Business Dashboard, mobile app, or intuitive web UI, reducing IT overhead and enabling easy troubleshooting.

High Reliability and Energy Efficiency

Low idle/system power, EEE (802.3az), and high MTBF guarantee long-term, eco-friendly operation with Cisco's limited lifetime warranty.

Specification

Parameter	Value	Parameter	Value
Model	C1200-16P-2G	Product Type	Gigabit Ethernet PoE+ Rack-Mount Switch
Total Ports	16 x 10/100/1000 PoE+ RJ-45	Uplink Ports	2 x 1G SFP
PoE Power Budget	120W (All 16 ports)	PoE Output	IEEE 802.3af/at
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	10.4W (110V) / 10.2W (220V)
System Power (max)	17.4W (110V) / 17.2W (220V)	Power with PoE (max)	143.9W (110V) / 141.4W (220V)
Heat Dissipation	490.7 BTU/hr	Dimensions (WxDxH)	268 x 297 x 44 mm
Weight	2.38 kg (5.25 lbs)	Mounting	Rack-mountable, Desktop
Fanless	Yes	Console Port	Yes (RJ-45, USB Type-C)

Parameter	Value	Parameter	Value
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	706,983 hours (25°C)	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		

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