

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1200-8P-E-2G

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C1200-8P-E-2G
Document Type	Product Datasheet
Condition	Brand New, Original and Verifieded
Supplier	Layer23-Switch.com

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C1200-8P-E-2G Datasheet

The Cisco C1200-8P-E-2G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1200-8P-E-2G and integrate it into enterprise or service provider networks with confidence.



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Key Features

Full Power over Ethernet Support

Delivers IEEE 802.3at/af PoE+ on all 8 ports, with a total budget of 67W—ideal for powering IP phones, wireless APs, and surveillance cameras without extra adapters.

Dual Uplink Flexibility

Equipped with 2 combo uplink ports (RJ-45/SFP), allowing seamless integration to copper or fiber backbone, WAN links, or aggregation switches for business expansion.

Fanless, Silent Operation

Advanced hardware design ensures noiseless operation, perfect for use in retail shops, classrooms, healthcare environments, and front-office deployments.

Enterprise-Class Security

Includes advanced security features like IEEE 802.1X authentication, ACLs, RADIUS, port security, DoS attack prevention, and VLAN segmentation for safe business networking.

Centralized, Intuitive Management

Supports Cisco Business Dashboard, mobile app, and easy-to-use web UI for fast setup, monitoring, and remote troubleshooting by both IT admins and business users.

Energy-Efficient and Reliable

Features low power consumption, Energy Efficient Ethernet (IEEE 802.3az), long MTBF, and Cisco's limited lifetime warranty—ensuring robust, eco-friendly performance.

Specification

Parameter	Value	Parameter	Value
Model	C1200-8P-E-2G	Product Type	Gigabit Ethernet PoE+ Rack-Mount Switch
Total Ports	8 x 10/100/1000 PoE+ RJ-45	Uplink Ports	2 x 1G Combo (RJ-45/SFP)
PoE Power Budget	67W (All 8 ports)	PoE Output	IEEE 802.3af/at
Switching Capacity	20 Gbps	Forwarding Rate	14.88 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	7.76W (110V) / 7.46W (220V)
System Power (max)	13.04W (110V) / 13.33W (220V)	Power with PoE (max)	87.89W (110V) / 84.86W (220V)
Heat Dissipation	299.91 BTU/hr	Dimensions (WxDxH)	268 x 185 x 44 mm
Weight	1.53 kg (3.37 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	1,706,649 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		

Want to Buy

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