

TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 1300 8-port Gigabit/ Multigigabit PoE+ switch, 2x 10G SFP+ uplinks

Catalyst 1300 managed switch - 8x PoE+ ports, 2x 10G SFP+ uplinks, 120W PoE budget

SKU C1300-8MGP-2X

Desktop (rack-mountable)

Cisco



DOWNLINK PORTS

8x PoE+ ports: 4x 2.5G
Multigigabit + ...

SWITCHING CAPACITY

68 Gbps

DIMENSIONS

268 x 298 x 43.94 mm
(W x D x H)

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-c1300-8mgp-2x



01 Product overview

The Cisco C1300-8MGP-2X is a Catalyst 1300 managed switch that provides 8x PoE+ ports: 4x 2.5G Multigigabit + 4x 10/100/1000 and 2x 10G SFP+ uplinks, with a 120 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 68 Gbps of switching capacity and a forwarding rate of 50.6 Mpps, ensuring wire-speed performance for everyday business traffic. Its fanless design keeps operation completely silent, so it can be installed close to users.

The Catalyst 1300 series is Cisco's fully managed switching line for small and mid-size businesses. It adds Layer 3 routing (static routes and RIP), advanced QoS, rich security features such as 802.1X, DHCP snooping and IP source guard, and stacking support to the simplicity of a web-based interface. Management options include an embedded web GUI, a Cisco-style CLI, SNMP, Cisco Business Dashboard and the Cisco Business mobile app.

It is a dependable choice for offices, retail outlets, schools and growing SMB networks where powered endpoints such as IP phones, Wi-Fi access points and security cameras need to be supported. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

KEY SPECIFICATIONS

Manufacturer part number	C1300-8MGP-2X
Series	Catalyst 1300
Switch type	Layer 2/Layer 3 (static routing and RIPv2)
Downlink ports	8x PoE+ ports: 4x 2.5G Multigigabit + 4x 10/100/1000
Uplinks	2x 10G SFP+ uplinks
PoE standard	PoE+ (802.3at)
PoE budget	120 W
Switching capacity	68 Gbps
Forwarding rate	50.6 Mpps
MAC address table	16,000 (1G models) / 32,000 (10G models)
VLANs	4,094
Jumbo frames	9,000 bytes

HIGHLIGHTS

- 8x PoE+ ports: 4x 2.5G Multigigabit + 4x 10/100/1000 with 120 W PoE+ (802.3at) budget
- 2x 10G SFP+ uplinks
- 68 Gbps switching capacity, 50.6 Mpps forwarding rate
- Fully managed with web GUI, CLI, SNMP and Cisco Business Dashboard
- Layer 3 static routing and RIP with advanced QoS and security
- Limited lifetime warranty with return-to-factory replacement



02 Full specifications

GENERAL

Manufacturer part number	C1300-8MGP-2X
Series	Catalyst 1300
Switch type	Layer 2/Layer 3 (static routing and RIPv2)

PORTS

Downlink ports	8x PoE+ ports: 4x 2.5G Multigigabit + 4x 10/100/1000
Uplinks	2x 10G SFP+ uplinks

POWER OVER ETHERNET

PoE standard	PoE+ (802.3at)
PoE budget	120 W

PERFORMANCE

Switching capacity	68 Gbps
Forwarding rate	50.6 Mpps
MAC address table	16,000 (1G models) / 32,000 (10G models)
VLANs	4,094
Jumbo frames	9,000 bytes

HARDWARE

CPU	ARM dual-core 1.5 GHz
DRAM	1 GB DDR4
Flash	1 GB SLC
Stacking	Up to 8 units in a stack (model dependent)

POWER

Power supply	Internal power supply
Power consumption (typical/system)	21.4 W
Power consumption (maximum, incl. PoE load)	145.1 W
Heat dissipation	494.79 BTU/hr

PHYSICAL

Form factor	Desktop / wall-mountable
Dimensions	268 x 298 x 43.94 mm (W x D x H)
Weight	2.64 kg
Cooling	Fanless

ENVIRONMENTAL

Operating temperature	-5°C to +50°C
MTBF	561,618 hours

WARRANTY

Warranty	Limited lifetime warranty with return-to-factory replacement
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03 Engineered, delivered & supported by ServerInvest

Engineering & sizing

Selected and sized against your real IT load, room and redundancy targets.

Installation

Delivery, installation and commissioning by our engineers across Europe.

Certified processes

ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support

Maintenance, spare parts and support from a single partner.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
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