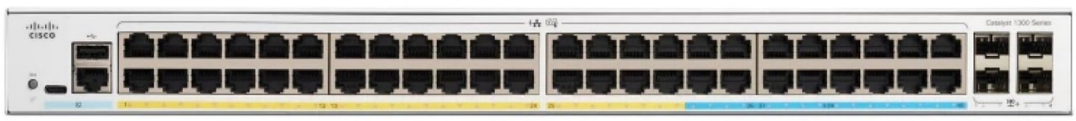
TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 1300 48-port Gigabit/ Multigigabit PoE+ switch, 4x 10G SFP+ uplinks

Catalyst 1300 managed switch - 48x PoE+ ports, 4x 10G SFP+ uplinks, 740W PoE budget

SKU C1300-48MGP-4X | 1U | Cisco



DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
48x PoE+ ports: 16x 2.5G Multigigabit ...	224 Gbps	444.3 x 350 x 43.94 mm (W x D x H)	On request

ISO 9001 · ISO 14001 · ISO 27001

REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-c1300-48mgp-4x

01 Product overview

The Cisco C1300-48MGP-4X is a Catalyst 1300 managed switch that provides 48x PoE+ ports: 16x 2.5G Multigigabit + 32x 10/100/1000 and 4x 10G SFP+ uplinks, with a 740 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 224 Gbps of switching capacity and a forwarding rate of 166.65 Mpps, ensuring wire-speed performance for everyday business traffic.

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	**C1300-48MGP-4X**
Series	**Catalyst 1300**
Switch type	**Layer 2/Layer 3 (static routing and RIPv2)**
Downlink ports	**48x PoE+ ports: 16x 2.5G Multigigabit + 32x 10/100/1000**
Uplinks	**4x 10G SFP+ uplinks**
PoE standard	**PoE+ (802.3at)**
PoE budget	**740 W**
Switching capacity	**224 Gbps**
Forwarding rate	**166.65 Mpps**
MAC address table	**16,000 (1G models) / 32,000 (10G models)**
VLANs	**4,094**
Jumbo frames	**9,000 bytes**

HIGHLIGHTS

- 48x PoE+ ports: 16x 2.5G Multigigabit + 32x 10/100/1000 with 740 W PoE+ (802.3at) budget
- 4x 10G SFP+ uplinks
- 224 Gbps switching capacity, 166.65 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	C1300-48MGP-4X
Series	Catalyst 1300
Switch type	Layer 2/Layer 3 (static routing and RIPv2)

PORTS	
Downlink ports	48x PoE+ ports: 16x 2.5G Multigigabit + 32x 10/100/1000

Uplinks	4x 10G SFP+ uplinks

POWER OVER ETHERNET

PoE standard	PoE+ (802.3at)
PoE budget	740 W

PERFORMANCE

Switching capacity	224 Gbps
Forwarding rate	166.65 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)	92.4 W
Power consumption (maximum, incl. PoE load)	883.4 W
Heat dissipation	3012.39 BTU/hr

PHYSICAL

Form factor	1U rack-mountable
Dimensions	444.3 x 350 x 43.94 mm (W x D x H)
Weight	5.83 kg
Cooling	1 fan (<39 dBA)

ENVIRONMENTAL

Operating temperature	-5°C to +50°C
MTBF	310,984 hours

WARRANTY

Warranty	Limited lifetime warranty with return-to-factory replacement

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.

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

Service & support
Maintenance, spare parts and support from a single partner.

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Interested in this solution?

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