TECHNICAL DATASHEET

CISCO · NETWORKING

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

Catalyst 1300 managed switch - 48x 10/100/1000 full PoE+ ports, 4x 10G SFP+ uplinks, 740W PoE budget

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

DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
48x 10/100/1000 full PoE+ ports	176 Gbps	444.3 x 350 x 43.94 mm (W x D x H)	On request

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

01 Product overview

The Cisco C1300-48FP-4X is a Catalyst 1300 managed switch that provides 48x 10/100/1000 full PoE+ ports and 4x 10G SFP+ uplinks, with a 740 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 176 Gbps of switching capacity and a forwarding rate of 130.94 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	**C1300-48FP-4X**
Series	**Catalyst 1300**
Switch type	**Layer 2/Layer 3 (static routing and RIPv2)**
Downlink ports	**48x 10/100/1000 full PoE+ ports**
Uplinks	**4x 10G SFP+ uplinks**
PoE standard	**PoE+ (802.3at)**
PoE budget	**740 W**
Switching capacity	**176 Gbps**
Forwarding rate	**130.94 Mpps**
MAC address table	**16,000 (1G models) / 32,000 (10G models)**
VLANs	**4,094**
Jumbo frames	**9,000 bytes**

HIGHLIGHTS

- 48x 10/100/1000 full PoE+ ports with 740 W PoE+ (802.3at) budget
- 4x 10G SFP+ uplinks
- 176 Gbps switching capacity, 130.94 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	C1300-48FP-4X
Series	Catalyst 1300
Switch type	Layer 2/Layer 3 (static routing and RIPv2)

PORTS	
Downlink ports	48x 10/100/1000 full PoE+ ports
Uplinks	4x 10G SFP+ uplinks

POWER OVER ETHERNET

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

PERFORMANCE

Switching capacity	176 Gbps
Forwarding rate	130.94 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)	49.89 W
Power consumption (maximum, incl. PoE load)	874.52 W
Heat dissipation	2983.99 BTU/hr

PHYSICAL

Form factor	1U rack-mountable
Dimensions	444.3 x 350 x 43.94 mm (W x D x H)
Weight	5.16 kg
Cooling	1 fan (48.7 dBA)

ENVIRONMENTAL

Operating temperature	-5°C to +50°C
MTBF	1,469,406 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.

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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