
CISCO CATALYST 1300 SERIES

Cisco Catalyst C1300-16FP-2G

16-Port Full PoE+ Managed Switch

The Cisco Catalyst C1300-16FP-2G is a fixed, managed Gigabit Ethernet switch for small and midsize businesses and branch offices. It combines 16 Gigabit PoE+ ports with a 240W PoE budget, two 1G SFP uplinks, Layer 3 features, advanced security and quiet fanless operation in a compact 1U chassis.

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16

Gigabit PoE+ RJ-45 Ports

240W

Total PoE Power Budget

2 × 1G

SFP Uplink Ports

36 Gbps

Switching Capacity

PRODUCT OVERVIEW

Powerful PoE+ Switching for Small and Midsize Networks

The C1300-16FP-2G delivers data and power over a single cable to IP phones, wireless access points and IP cameras. Its 240W budget, Layer 3 capabilities, security features and simple management options make it a practical access switch for offices, retail sites, clinics and branch locations.

16**16 Gigabit PoE+ Ports**

Every 10/100/1000 RJ-45 port supports IEEE 802.3af/at PoE+ with up to 30W per port.

240W**240W PoE Budget**

A higher power budget than the 120W C1300-16P-2G, suited to power-hungry access points and cameras.

SFP**Two 1G SFP Uplinks**

Connect to a core switch, router or remote building using compatible 1G SFP transceivers.

L3**Layer 3 Features**

Static routing, inter-VLAN routing and IPv6 support help segment and scale your network.

SEC

Advanced Security

802.1X authentication, ACLs, DHCP snooping, IP Source Guard and storm control protect business traffic.

DB

Simple Management

Manage through the web interface, Cisco Business Dashboard or the Cisco Business Mobile App.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300-16FP-2G Detailed Specifications

The following details are based on Cisco Catalyst 1300 Series documentation and supplier product listings. Minor values may vary by hardware revision.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300 Series Switches
Product Model	Catalyst C1300-16FP-2G
Part Number	C1300-16FP-2G (a regional suffix may apply to the ordering ID)
Product Type	Fixed managed Layer 3 Gigabit Ethernet PoE+ switch
Total Ports	18 (16 copper + 2 SFP)
Ethernet Ports	16 × 10/100/1000 Mbps RJ-45, all PoE+ capable

Specification	Details
Uplink Ports	2 × 1G SFP
PoE Standard	IEEE 802.3af / 802.3at, up to 30W per port
PoE Power Budget	240W total
Switching Capacity	36 Gbps, wire-speed and non-blocking
Forwarding Rate	26.78 Mpps (64-byte packets)
Packet Buffer	1.5 MB
MAC Address Table	16,000 entries
Routing	Static IPv4 routing, inter-VLAN routing, IPv6 support
Security	802.1X, port security, ACLs, DHCP snooping, dynamic ARP inspection, IP Source Guard, storm control
Management	Web UI, CLI, SNMP, SSH, HTTPS, Cisco Business Dashboard, Cisco Business Mobile App
Stacking	Not supported on this model
Cooling	Fanless, silent operation
Power Supply	Internal, 100–240V AC, 50/60 Hz

Specification	Details
Power Consumption (with PoE)	Approximately 275–282W depending on input voltage
Form Factor	1U rack-mountable
Dimensions (W × D × H)	268 × 323.3 × 43.94 mm (10.56 × 12.72 × 1.73 in)
Weight	Approximately 2.5 kg (5.49 lb)
Operating Temperature	0°C to 50°C, 10–90% non-condensing humidity
Warranty	Cisco limited lifetime hardware warranty; terms may vary by region, confirm with NexoGet

02 / MANAGEMENT AND DEPLOYMENT

Choosing the Right Catalyst 1300 Model

The Catalyst 1300 family offers several port counts and PoE budgets. Confirm that the model matches your device count and power requirements before ordering.

Important: The C1300-16FP-2G offers a 240W PoE budget, while the C1300-16P-2G offers 120W with the same 16 ports. If you plan to power many access points, cameras or high-draw phones, add up their wattage first. This model does not support stacking, and the SFP uplinks require compatible 1G transceivers, sold separately.

03 / USE CASES

Where the Cisco C1300-16FP-2G Fits Best

OFF

Small and Midsize Offices

Connect PCs, printers, IP phones and access points on one managed, PoE-capable switch.

AP

Wi-Fi Access Point Power

Power several ceiling-mounted access points with VLAN separation for guest and staff traffic.

CAM

IP Camera Systems

Supply PoE+ to surveillance cameras without separate power adapters or outlets.

VoIP

IP Telephony

Power desk phones and apply voice VLAN and QoS to keep calls clear.

RET

Retail and Hospitality

Support POS terminals, digital signage and guest Wi-Fi with secure, segmented access.

BR

Branch Offices

Manage remotely with Cisco Business Dashboard and link to headquarters over SFP fiber.

04 / RELATED MODELS

Related Cisco Catalyst 1300 Switches

Model	Description
C1300-16P-2G	16 Gigabit PoE+ ports with 120W PoE budget and 2 × 1G SFP

Model	Description
C1300-16T-2G	16 Gigabit ports without PoE and 2 × 1G SFP
C1300-8FP-2G	8 Gigabit PoE+ ports with 120W PoE budget and 2 combo uplinks
C1300-8P-E-2G	8 Gigabit PoE+ ports with 60W PoE budget and 2 combo uplinks
C1300-24P-4G	24 Gigabit PoE+ ports and 4 SFP uplinks for larger deployments

05 / IMPORTANT INFORMATION

Before You Order

SKU: Confirm the exact part number and any regional suffix with NexoGet before ordering.

Power: Total PoE output is limited to 240W. Add up the wattage of all connected devices and leave headroom for growth.

Uplinks: SFP transceivers are not included. Choose modules that match your fiber type and distance.

Availability: Confirm stock condition, hardware revision, included items, warranty terms and delivery details with NexoGet.



Need Pricing or Availability for C1300-16FP-2G?

Contact NexoGet for pricing, stock availability, product condition, accessories, shipping options and enterprise IT hardware quotations.

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