

— CISCO CATALYST 1300 SERIES

Cisco C1300-16P-2G Switch

Ultimate 16-Port PoE+ Solution

The Cisco Catalyst C1300-16P-2G is an advanced, smart-managed fixed-configuration gigabit switch designed for secure and reliable small-to-medium enterprise networks. It features 16 ports of 10/100/1000 copper connectivity with IEEE 802.3at PoE+ support and 2 dedicated Gigabit SFP optical uplink slots, delivering enterprise-grade L3 static routing and robust security.

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16-Port

Gigabit 10/100/1000 PoE+ Ports

2 SFP

Dedicated Gigabit SFP Uplinks

130W

PoE Power Budget Capacity

Reliable

Enterprise-Grade Security & QoS

PRODUCT OVERVIEW

Secure, High-Performance PoE+ Managed Switching for Modern Workspaces

Cisco Catalyst 1300 Series Switches combine powerful network performance, high port density, and enterprise-grade security. The C1300-16P-2G model provides reliable high-speed wired connections and dependable PoE+ power for IP phones, wireless access points, and security cameras alongside advanced Layer 3 static routing capabilities.

16P

Gigabit PoE+ Ports

Equipped with 16 RJ-45 ports supporting 10/100/1000 Mbps speeds and high-power PoE+ delivery.

2U

Fiber Uplink Slots

Includes 2 dedicated Gigabit SFP slots for long-range optical fiber connectivity and backbone scaling.

SEC

Advanced Security

Supports 802.1X port authentication, Access Control Lists (ACLs), SSH, and HTTPS encryption.

QoS

Quality of Service (QoS)

Prioritizes network traffic seamlessly to keep voice and video streams crystal clear.

UI

Simple Management

Configured easily via an intuitive web dashboard, SNMP, RMON, and CLI support.

L3

Light Layer 3 Routing

Supports static routing across VLANs to optimize traffic without heavy core routers.

01 / TECHNICAL SPECIFICATIONS

Cisco C1300-16P-2G Detailed Specifications

The following technical parameters reflect official Cisco Catalyst 1300 architecture and hardware parameters.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 1300 Series Switches
Product Model	C1300-16P-2G
Device Type	Managed Switch - 16 ports with PoE+ - L3 Lite
Enclosure Type	Compact desktop / rack-mountable (hardware included)
Downstream Ports	16 x 10/100/1000 (Gigabit Ethernet) RJ-45 PoE+ ports
Uplink Ports	2 x Gigabit SFP optical slots
PoE Power Budget	130W total PoE power capacity

Specification	Details
Switching Capacity	36 Gbps wire-speed forwarding performance
Forwarding Rate	26.78 Mpps (64-byte packets)
MAC Address Table Size	16,000 entries
Jumbo Frame Support	Up to 9,216 bytes
Routing Protocols	Static routing, IPv4/IPv6 dual-stack support
Memory / Flash	512 MB RAM / 256 MB Flash
Management Protocols	Web UI, SNMP v1/v2c/v3, RMON, Telnet, SSH, CLI
Warranty	Cisco Limited Lifetime Hardware Warranty

02 / MANAGEMENT AND DEPLOYMENT

Intuitive Web Management & High-Density Deployment

Designed for rapid, friction-free deployment right out of the box, the Catalyst 1300 series eliminates configuration hurdles while maintaining complete enterprise control.

Important: The 16 high-density PoE+ ports allow you to power multiple IP phones, access points, and security cameras directly through network cables with ultra-low latency and consistent throughput.

03 / USE CASES

Ideal Deployment Scenarios for C1300-16P-2G

OFF

Small & Medium Offices

Provides robust core switching and reliable connectivity for growing enterprise branch offices.

WRK

Workstation Aggregation

Connects multiple desktop computers and local servers with high-speed gigabit bandwidth.

CAM

IP Surveillance

Powers and aggregates camera streams and NVR connections reliably across secure VLANs.

VOIP

IP Telephony Systems

Supports robust QoS to ensure clear, uninterrupted voice communication channels.

FIB

Fiber Backbones

Dual SFP slots allow reliable fiber uplink extension to central core switches.

L3

Inter-VLAN Routing

Light L3 static routing capabilities optimize localized multi-department traffic.

04 / ACCESSORIES

Compatible Cisco Accessories & Transceivers

Accessory Model	Description
GLC-LH-SMD=	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm

Accessory Model	Description
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire
GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm
CAB-ACE=	AC power cord (depends on regional standard)

05 / IMPORTANT INFORMATION

Before You Order

SKU Verification: Ensure model C1300-16P-2G matches your exact port density and PoE power requirements.

Transceivers: SFP optical modules are sold separately unless specified in a custom bundle.

Stock & Delivery: Confirm stock status, warranty terms, and shipping details with NexoGet before final order placement.



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

Contact NexoGet for current pricing, stock availability, hardware condition, compatible SFP modules, shipping options, and enterprise networking quotations.

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