

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C1300-16P-4X

Cisco Network Hardware Specification, Availability and Quote Reference

|               |                                  |
|---------------|----------------------------------|
| Product Model | C1300-16P-4X                     |
| Document Type | Product Datasheet                |
| Condition     | Brand New, Original and Verified |
| Supplier      | Layer23-Switch.com               |

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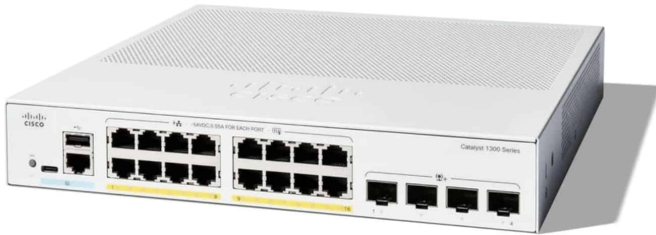
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## C1300-16P-4X Datasheet

The Cisco C1300-16P-4X datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1300-16P-4X and integrate it into enterprise or service provider networks with confidence.

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### Key Features

#### 16x PoE+ Gigabit Ports

Deliver power and data for access points, phones, and cameras with integrated PoE+ on every port (PoE+ switch, power over Ethernet, powered access).

#### 4x 10G SFP+ Uplinks

High-speed, dedicated uplinks support fiber aggregation, data center connections, and bandwidth-intensive tasks (10G uplink, SFP+ fiber, high-bandwidth).

#### Stackable Architecture

Supports stacking of up to 8 switches for unified management, flexible expansion, and simplified configuration (stackable switch, stack management).

#### Layer 3 Routing and VLAN Segmentation

Static and inter-VLAN routing, IPv4/IPv6, and advanced segmentation for secure, efficient network design (Layer 3, managed VLAN).

#### Comprehensive Security Suite

802.1X, DHCP snooping, ACLs, port security, and IP Source Guard to safeguard business traffic and control access (secure switch, network security).

#### Silent, Fanless Operation

Ideal for open offices, retail, and education, providing quiet, reliable performance (fanless, silent, compact).

## Specification

| Parameter          | Details                                      | Parameter            | Details                                      |
|--------------------|----------------------------------------------|----------------------|----------------------------------------------|
| Model              | C1300-16P-4X                                 | Product Type         | Managed Layer 3 Gigabit Ethernet Switch      |
| Total Ports        | 20 (16 × 10/100/1000 PoE+, 4 × 10G SFP+)     | Switching Capacity   | 112 Gbps                                     |
| Forwarding Rate    | 83.32 mpps                                   | PoE+ Support         | 16 Ports, 120W Total Budget, IEEE 802.3at/af |
| Uplink Ports       | 4 × SFP+ (10G fiber)                         | Packet Buffer        | 1.5 MB                                       |
| MAC Address Table  | 16,000                                       | VLANs Supported      | 4093                                         |
| Jumbo Frames       | Up to 9000 bytes                             | Flash/DRAM           | 512 MB / 1 GB DDR4                           |
| CPU                | ARM dual-core 1.4 GHz                        | Power Consumption    | Max 157.6W (110V), 156.3W (220V)             |
| Dimensions (W×D×H) | 268 × 297 × 44 mm                            | Weight               | 2.49 kg                                      |
| MTBF               | 426,778 hours (fanless)                      | Operating Temp.      | -5°C to 50°C                                 |
| Stacking Support   | Yes, up to 8 (same family)                   | Fan                  | Fanless                                      |
| Management         | Web GUI, CLI, Cisco Business Dashboard, SNMP | Certifications       | UL, CSA, CE, FCC Part 15 Class A             |
| Warranty           | Limited Lifetime, RTF Replacement            | Included Accessories | Power cord, pointer card, mounting kit       |

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## Why Layer23-Switch.com

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