

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**C1300-16FP-2G**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C1300-16FP-2G</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

<b>200+</b> Countries Sold	<b>18,000+</b> Customers Trusted	<b>\$20M</b> Inventory Available	<b>1-Year</b> Warranty Support
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## C1300-16FP-2G Datasheet

The Cisco C1300-16FP-2G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1300-16FP-2G and integrate it into enterprise or service provider networks with confidence.

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### Key Features

#### 16× PoE+ Gigabit Ports

Simultaneously power and connect IP phones, wireless APs, and security cameras with high Power over Ethernet Plus capability (PoE+ switch, high power, Power over Ethernet).

#### 2× SFP Fiber Uplink Ports

Flexible, dedicated fiber uplinks for stable connections to core switches or backbone networks (fiber uplink, SFP uplink, combo uplink).

#### 240W Total PoE Power Budget

Supports deployment of multiple high-powered PoE+ devices, suitable for unified communications, surveillance, and wireless coverage (PoE+, power budget, powered switch).

#### Layer 3 Managed Features

Enables static routing, inter-VLAN routing, and IPv6 support for scalable, segmented, and secure networks (Layer 3, managed switch, VLAN routing).

#### Advanced Security

Built-in 802.1X authentication, Access Control Lists (ACLs), DHCP snooping, and port security provide comprehensive network protection (secure switch, access control).

#### Fanless, Silent Operation

Ideal for noise-sensitive environments including offices, retail, classrooms, and healthcare, ensuring reliable and quiet networking (silent, fanless, compact).

## Specification

Parameter	Details	Parameter	Details
<b>Model</b>	C1300-16FP-2G	<b>Product Type</b>	Managed Layer 3 Gigabit Ethernet Switch
<b>Total Ports</b>	18 (16 × 10/100/1000 PoE+, 2 × SFP)	<b>Switching Capacity</b>	36 Gbps
<b>Forwarding Rate</b>	26.78 mpps	<b>PoE+ Support</b>	16 Ports, 240W Total Budget, IEEE 802.3at/af
<b>Uplink Ports</b>	2 × SFP (Gigabit fiber)	<b>Packet Buffer</b>	1.5 MB
<b>MAC Address Table</b>	16,000	<b>VLANs Supported</b>	4093
<b>Jumbo Frames</b>	Up to 9000 bytes	<b>Flash/DRAM</b>	512 MB / 1 GB DDR4
<b>CPU</b>	ARM dual-core 1.4 GHz	<b>Power Consumption</b>	Max 281.9W (110V), 275.2W (220V)
<b>Dimensions (W×D×H)</b>	268 × 323.3 × 43.94 mm	<b>Weight</b>	2.49 kg
<b>MTBF</b>	309,224 hours (fanless)	<b>Operating Temp.</b>	-5°C to 50°C
<b>Stacking Support</b>	Not Supported	<b>Fan</b>	Fanless
<b>Management</b>	Web GUI, CLI, Cisco Business Dashboard, SNMP	<b>Certifications</b>	UL, CSA, CE, FCC Part 15 Class A
<b>Warranty</b>	Limited Lifetime, RTF Replacement	<b>Included Accessories</b>	Power cord, pointer card, mounting kit

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## Why Layer23-Switch.com

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