

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

**C1300-24T-4G**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C1300-24T-4G</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>

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## C1300-24T-4G Datasheet

The Cisco C1300-24T-4G datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C1300-24T-4G and integrate it into enterprise or service provider networks with confidence.



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## Key Features

### Silent Fanless Operation

Engineered with a fanless design to ensure absolute silence during operation. This makes it the perfect choice for deployment in work environments where noise distraction must be minimized, such as libraries, meeting rooms, and open offices.

### Dedicated Data Connectivity

Provides 24 Gigabit Ethernet ports focused purely on data transmission. By eliminating PoE hardware, this model offers a lower total cost of ownership and reduced power consumption for connecting non-powered devices like desktops, NAS drives, and printers.

### Simplified Cloud & App Management

Fully integrated with the Cisco Business Dashboard and Cisco Business mobile app. IT administrators can deploy, monitor, and troubleshoot the switch remotely, reducing the need for on-site visits and specialized CLI knowledge.

### Advanced Layer 3 Static Routing

Supports dynamic Layer 3 routing to manage internal traffic efficiently. By routing traffic between VLANs directly on the switch, it offloads work from the network router, improving overall network performance and application responsiveness.

### Robust Security Suite

Includes enterprise-grade security features to protect business data. Supports IEEE 802.1X authentication, Access Control Lists (ACLs), DoS attack prevention, and DHCP snooping to prevent unauthorized access and mitigate network threats.

### Energy Efficient Ethernet

Complies with IEEE 802.3az Energy Efficient Ethernet (EEE) standards. The switch automatically detects cable length and link status to adjust power usage, significantly lowering operational costs without sacrificing performance.

## Specification

Parameter	Details	Parameter	Details
Dimensions (W x D x H)	444.3 x 240 x 43.94 mm (17.49 x 9.45 x 1.73 in)	Weight	2.63 kg (5.80 lb)
Rack Units	1 RU	Mounting	Rack Mount (Kit included)
Total System Ports	28	RJ-45 Copper Ports	24x 10/100/1000 Gigabit Ethernet
Uplink Ports	4x Gigabit SFP	PoE Capability	No (Data Only)
Switching Capacity	56.0 Gbps	Forwarding Rate	41.66 Mpps (64-byte packets)
Packet Buffer	1.5 MB	MAC Address Table	16,000 addresses
CPU	ARM Dual-Core 1.5 GHz	DRAM	1 GB DDR4
Flash Memory	1 GB SLC	Jumbo Frames	Up to 9000 bytes
Operating Temperature	-5° to 50°C (23° to 122°F)	Storage Temperature	-25° to 70°C (-13° to 158°F)
Fan	Fanless	Acoustic Noise	N/A (Silent)
MTBF (at 25°C)	664,987 hours	Power Input	100-240V, 50-60 Hz, Internal
Power Consumption (110V)	14.6W (Max)	Power Consumption (220V)	14.8W (Max)
Heat Dissipation	50.5 BTU/hr	VLANs	Up to 4094
Certification	UL 62368, CSA 22.2, CE, FCC Part 15 Class A	Warranty	Limited Lifetime

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## Why Layer23-Switch.com

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