

C1200-24T-4G SWITCH

Overview

The C1200-24T-4G is a 24-port Gigabit Ethernet switch with additional 4 Gigabit SFP uplink ports, supporting rack-mount installation for scalable, high-performance network connectivity. It operates on Cisco's customized Linux OS, offering flexible management options via the Cisco Business Dashboard and mobile app, ensuring a simple, secure network experience. Ideal for environments that require solid Layer 2 switching and static Layer 3 routing with a broad set of enterprise-class features at an affordable price point, the C1200-24T-4G helps businesses build efficient and future-ready networks.

QUICK SPEC

FIGURE 1: APPEARANCE OF C1200-24T-4G



TABLE 1: Quick Specs

SKU	C1200-24T-4G
Backplane speed	56 Gbps
Data rate	41.66 million packets per second
Throughput	48.4 Gbps
Ports	28 (24x Gigabit Ethernet +4x SFP)
Dimensions (W x H x D)	445 x 240 x 44 mm (17.5 x 9.45 x 1.73 in)

Product Details

FIGURE 2: FRONT PANEL OF C1200-24T-4G



FIGURE 3: BACK PANEL OF C1200-24T-4G



C1200-24T-4G Switch provides these features:

1. Easy configuration and management

The C1200-24T-4G switches is designed to be easy to deploy and use by small and medium-sized businesses or the partners that serve.

2. Power over Ethernet

The C1200-24T-4G switches are available with PoE+ on Gigabit Ethernet models. This capability enables in deployment process of IP telephony, wireless, video surveillance, and other solutions with just a single network cable, thereby eliminating the need for separate power supplies or cabling. PoE+ provides up to 30W of power per port, ideal for deployments of 802.11ac wireless access points,



Pan-Tilt-Zoom (PTZ) IP cameras, video phones, and thin client devices, delivering more flexibility and investment protection.

3. Network security

The C1200-24T-4G switch provides the security and network management features including integrated network security to reduce the risk of a security breach, with IEEE 802.1X port security to control access to your network, Denial-of-Service (DoS) attack prevention to increase network uptime during an attack, and extensive Access Control Lists (ACLs) to protect sensitive portions of the network from unauthorized users and guard against network attacks.

4. An energy-efficient solution

The C1200-24T-4G switch along with all other 1200 Series switches are designed to be energy-efficient and eco-friendly without compromising performance. They help conserve energy by optimizing power use, which helps to lower energy costs. It is embedded with features as Automatic power shut off on ports when a link is down. It has fanless design in most models which reduces power consumption, increases reliability, and provides quieter operation.

5. Flexible and compact design

The sleek and compact design provides additional deployment flexibility, including installation outside the wiring closet, such as in retail stores, open-plan offices, and classrooms, without disturbing the environment.

SPECIFICATION

Model	C1200-24T-4G
Unit weight	2.63 kg (5.80 lb)
Dimensions	445 x 240 x 44 mm (17.5 x 9.45 x 1.73 in)
Capacity in millions of packets per second (mpps) (64-byte packets)	41.66
Switching capacity in gigabits per second (Gbps)	56.0
System power consumption	110V=13.9W 220V=14.2W
Heat dissipation (BTU/hr)	48.4
Idle Power	110V=4.7W 220V=4.9W
Power consumption (with PoE)	N/A

Port grouping/link aggregation	Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Up to 4 groups Up to 8 ports per group with 16 candidate ports for each (dynamic) 802.3ad Link Aggregation Group (LAG)
Total system ports	28x Gigabit Ethernet
RJ-45 ports	24x Gigabit Ethernet
Combo ports (RJ-45 + [SFP])	4x SFP
Console port	Cisco Standard RJ-45 console and USB Type C port*
USB port	USB Type C port on the front panel of the switch for easy file and image management as well as console port
Buttons	Reset button
Cabling type	Unshielded Twisted Pair (UTP) Category 5e or better for 1000BASE-T
Flash	512 MB
LEDs	System, Link/Act, PoE, Speed
CPU	Dual-core ARM at 1.4 GHz
DRAM	1 GB DDR4
Packet buffer	1.5 MB
Power	100 to 240V 50 to 60 Hz,
Operating temperature	23° to 122°F (-5° to 50°C)
Storage temperature	-13° to 158°F (-25° to 70°C)
Operating humidity	10% to 90%, relative, noncondensing
Storage humidity	10% to 90%, relative, noncondensing
Fan	Fanless
Priority levels	8 hardware queues
Package contents	Power cord (power adapter for select 8-port and 16-port SKUs), Mounting kit, Pointer card

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