

— CISCO CATALYST 1300 SERIES SWITCHES

Cisco C1300-24XT Switch

Enterprise 10G Performance

The Cisco C1300-24XT is an advanced fixed-configuration managed 10G multi-gigabit switch designed to accelerate modern business network infrastructure. Providing robust Layer 2 and Layer 3 capabilities, high-speed switching capacity, and enterprise-grade reliability, it connects seamlessly with core routing hardware such as the [CCR2116-12G-4S Router](#) or high-density core switches like the [C9500-48Y4C-E Catalyst Switch](#). Explore our complete enterprise catalog or check related models including the [C1300-24XT standard edition](#) and [C1300-12XT Switch](#) for tailored deployment scales.

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24 Ports

10G / Multi-Gigabit RJ-45

480 Gbps

Switching Capacity

Layer 2/3

Advanced Enterprise Routing

1U Rack

Standard Form Factor

PRODUCT OVERVIEW

High-Performance 10-Gigabit Networking for Modern Enterprise

Engineered for growing businesses, branch offices, and campus deployments, the Cisco C1300-24XT delivers unmatched multi-gigabit speed and secure management. Whether you are expanding your switching fabric or pairing devices with high-throughput wireless units like the [hAP ax3 Access Point](#) and [cAP ax Enterprise AP](#), this switch ensures zero bottlenecks. For smaller edge setups, you can also review the compact [C1300-8T-E-2G Switch](#) or medium-scale [C1300-16T-2G Switch](#).

10G

Multi-Gigabit Speed

Multi-Gigabit Speed

Equipped with 24 high-speed 10G ports to handle heavy data traffic loads from modern servers and storage arrays.

SEC

Advanced Security

Integrated IEEE 802.1X, ACLs, and secure management protocols protect sensitive enterprise data streams.

WEB

Intuitive Dashboard

Streamline deployment and ongoing maintenance via modern web-based GUIs, CLI, and SNMP monitoring tools.

NETWORK ARCHITECTURE

Seamless Scalability and Core Integration

Designed to operate at the center of enterprise edge networks, the C1300-24XT integrates smoothly with modular routing solutions such as the [CCR2004-16G-2SPC Router](#) and robust wireless routers like the [RB5009UPr+S+IN Router](#). System administrators looking for PoE flexibility in parallel deployments can also evaluate the [C1300-8P-E-2G Switch](#), [C1300-16P-2G Switch](#), and high-power [C1300-8FP-2G Switch](#).

QoS

Advanced QoS

Prioritizes voice, video, and mission-critical business applications to eliminate jitter and packet loss.

RELI

High Availability

Built with enterprise-grade components ensuring continuous 24/7 uptime for critical corporate environments.

GIG

Flexible Uplinks

Provides versatile uplink combinations for backbone connection to core switches like the [C9300X-12Y-E Catalyst Switch](#).

TECHNICAL SPECIFICATIONS

Cisco C1300-24XT Detailed Specs & Parameters

Complete hardware specifications based on official Cisco documentation.

Device Model	Cisco C1300-24XT (Catalyst 1300 Series)
Product Type	Managed Layer 2 / Layer 3 Enterprise Switch
Downlink Ports	24 x 10 Gigabit / Multi-Gigabit Ethernet (RJ-45) ports
Management Port	1 x Dedicated Gigabit Ethernet management port
Switching Capacity	480 Gbps
Forwarding Rate	357.14 Mpps (Million packets per second)

MAC Address Table	Up to 16,000 entries
DRAM / Memory	1000 MB DDR4-SDRAM
Flash Memory	512 MB
Packet Buffer	8 MB
PoE Support	Non-PoE Model
Form Factor	Rack-Mountable (1U height)
Operating Temperature	-5°C to 50°C (23°F to 122°F)
Power Supply	Internal universal AC power supply
Warranty	Cisco standard hardware replacement warranty

Procurement Note: For alternative configurations or mixed-density requirements, check out the [C1300-16FP-2G Switch](#), [C1300-24FP-4G Switch](#), [C1300-48T-4G Switch](#), [C1300-48P-4G Switch](#), and [C1300-48FP-4G Switch](#) available in our inventory.

ENTERPRISE ECOSYSTEM

Expanding Your Network Infrastructure with NexoGet

Building a robust corporate infrastructure often requires combining multi-gigabit switches with specialized high-density modules. Along with the C1300-24XT, our catalog features advanced modular switches such as the [C1300-16P-4X Switch](#), [C1300-24T-4X Switch](#), [C1300-24P-4X Switch](#), and [C1300-24FP-4X Switch](#). For ultra-dense fiber connections, explore the [C1300-48T-4X Switch](#), [C1300-48P-4X Switch](#), and [C1300-48FP-4X Switch](#).

Multi-Gigabit & Fiber Uplinks: For extreme performance tiers, consider upgrading to multi-gigabit PoE variants like the [C1300-8MGP-2X Switch](#), [C1300-24MGP-4X Switch](#), and [C1300-48MGP-4X Switch](#), or pure fiber aggregation units such as the [C1300-12XT Switch](#), [C1300-12XS Switch](#), [C1300-16XTS Switch](#), and [C1300-24XS Switch](#).



Ready to Order Cisco C1300-24XT?

Contact NexoGet today for official international B2B pricing, stock availability, fast shipping quotes, and expert hardware consultation.

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