

— CISCO CATALYST 9200 SERIES

Cisco C9200-24T-E

24-Port Gigabit Switch

The **Cisco C9200-24T-E** is an enterprise-class access switch from the Cisco Catalyst 9200 Series. It provides 24 × 10/100/1000 Gigabit Ethernet data ports, modular uplink support, 128 Gbps switching capacity, StackWise-160, Cisco IOS XE and Network Essentials for campus, branch and enterprise access-layer networks.

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24

Gigabit Ethernet Data Ports

128 Gbps

Switching Capacity

95.23 Mpps

Forwarding Rate

160 Gbps

StackWise-160 Bandwidth

PRODUCT OVERVIEW

Enterprise Access Switching with Cisco Catalyst 9200

The Cisco C9200-24T-E combines 24-port Gigabit Ethernet connectivity with enterprise switching, modular uplinks, security, management and automation capabilities for modern network environments.

24P**24 Gigabit Ethernet Ports**

Provides 24 × 10/100/1000 Gigabit Ethernet data ports for enterprise access connectivity.

128G**128 Gbps Switching**

Delivers 128 Gbps switching capacity for access-layer network traffic.

1RU**1RU Rackmount Design**

Designed for installation in standard enterprise rack environments.

UP**Modular Uplinks**

Supports compatible Cisco modular uplink options for flexible network expansion.

SW**Cisco IOS XE****NE****Network Essentials**

Runs Cisco IOS XE for enterprise management, automation, telemetry and security capabilities.

The C9200-24T-E is associated with the Cisco Network Essentials software feature set.

01 / TECHNICAL SPECIFICATIONS

Cisco C9200-24T-E Detailed Specifications

Technical information for the Cisco Catalyst C9200-24T-E enterprise access switch.

Specification	Details
Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9200 Series
Product Model	C9200-24T-E
Product Type	Enterprise Managed Access Switch
Ethernet Ports	24 × 10/100/1000 Gigabit Ethernet data ports
PoE	No — Data-only model
Switching Capacity	128 Gbps
Forwarding Rate	95.23 Mpps
Stacking Technology	Cisco StackWise-160
Stacking Bandwidth	Up to 160 Gbps

Specification	Details
Uplink Architecture	Modular uplink
Network Modules	C9200-NM-4G and C9200-NM-4X for compatible Catalyst 9200 configurations
Software	Cisco IOS XE
License	Network Essentials
MAC Address Table	32,000 MAC addresses
Total IPv4 Routes	14,000
IPv4 Routing Entries	4,000
IPv6 Routing Entries	2,000
Multicast Routing Scale	1,000
QoS Scale	1,000
ACL Scale	1,600
Packet Buffer	6 MB
Flexible NetFlow	16,000 flows
DRAM	4 GB
Flash Memory	4 GB

Specification	Details
VLAN IDs	4094
PVST Instances	128
SVIs	512
Jumbo Frames	Up to 9198 bytes
Dimensions	4.4 × 44.5 × 35.0 cm (H × W × D)
Rack Height	1RU
Primary Power Supply	PWR-C6-125WAC

02 / GIGABIT CONNECTIVITY

Cisco C9200-24T-E 24-Port Gigabit Ethernet

Designed for enterprise access-layer connectivity with 24 high-speed Gigabit Ethernet data interfaces.

1G

10/100/1000BASE-T

Each access port supports 10 Mbps, 100 Mbps and 1000 Mbps Ethernet connectivity.

PC

User Devices

Connect computers, printers, servers and compatible Ethernet devices.

LAN

Access Layer

Designed for enterprise campus and branch access-layer network deployments.

03 / MODULAR UPLINKS

Cisco C9200-24T-E Uplink Options

The modular uplink architecture allows compatible Cisco network modules to be selected according to the network design.

4G

C9200-NM-4G

Four 1G SFP interfaces for compatible Cisco Catalyst 9200 configurations.

4X

C9200-NM-4X

Four SFP interfaces supporting 1G/10G operation on compatible configurations.

UP

Flexible Expansion

Modular uplinks provide flexibility when designing access-to-distribution connectivity.

Important: Network module compatibility depends on the exact Catalyst 9200 model and configuration. Verify the supported module before ordering.

04 / PERFORMANCE

Cisco C9200-24T-E Switching Performance

The C9200-24T-E is designed to provide predictable Gigabit access-layer switching for enterprise networks.

128G

Switching Capacity

128 Gbps switching capacity for network traffic across the access switch.

95M

Forwarding Rate

95.23 million packets per second forwarding rate according to Cisco specifications.

6MB

Packet Buffer

6 MB packet buffer for the 24/48-port Gigabit models.

05 / HIGH AVAILABILITY

Cisco C9200-24T-E StackWise-160

StackWise-160 provides up to 160 Gbps of stacking bandwidth on supported Catalyst 9200 configurations.

160

160 Gbps Stack Bandwidth

Supports high-bandwidth stacking across compatible Catalyst 9200 switches.

1

Unified Management

Compatible stacked switches can operate as a unified logical system.

HA

Access-Layer Resilience

Provides a scalable architecture for compatible enterprise access-layer deployments.

06 / ENTERPRISE SECURITY

Cisco C9200-24T-E Security Features

Catalyst 9200 switches provide enterprise security capabilities for controlling access and protecting network traffic.

802

802.1X

Supports identity-based network access control for connected endpoints.

MAC

MACsec

Provides Layer 2 encryption capabilities on supported configurations.

ACL

Access Control Lists

Supports ACL-based traffic filtering and network access policies.

07 / MANAGEMENT

Cisco IOS XE, Automation and Network Management

The Cisco C9200-24T-E uses Cisco IOS XE as its software platform for enterprise network management, telemetry, automation and programmability.

XE

Cisco IOS XE

Modern Cisco software architecture for enterprise switching environments.

NET

Network Visibility

Flexible NetFlow and telemetry capabilities support network monitoring and visibility.

API

Automation

Supports modern network automation and programmability capabilities.

08 / USE CASES

Where the Cisco C9200-24T-E Fits

The 24-port data-only configuration is suitable for a range of enterprise access-layer environments.

ENT

Enterprise Offices

Connect workstations, printers, servers and other business Ethernet devices.

CAM

Campus Networks

Designed for enterprise campus access-layer switching deployments.

BR

Branch Offices

LAN

Access Layer

Provides managed Gigabit connectivity for branch network environments.

Connect end-user devices at the access layer of an enterprise network.

SRV

Infrastructure

Suitable for compatible servers and infrastructure devices requiring Gigabit access.

NET

Managed Networks

Suitable for organizations requiring centralized switching, security and network visibility.

09 / RELATED CISCO PRODUCTS

Related Cisco Network Switches

Explore additional Cisco switching solutions available through NexoGet.

48P

Cisco C9200L-48T-4X-E

A higher-density Catalyst 9200L option for deployments requiring more access ports.

24P

Cisco C1300-24T-4G

Cisco Business managed switch with 24 Gigabit Ethernet ports and 4 Gigabit uplinks.

8P

Cisco C1200-8T-E-2G

Compact managed Cisco switching option for smaller network environments.

PoE

Cisco C1200-8P-E-2G

Compact Cisco managed switch with Power over Ethernet support.

FP

Cisco C1200-8FP-2G

Cisco managed switching solution for compatible PoE network deployments.

10 / IMPORTANT INFORMATION

Before You Order Cisco C9200-24T-E

Model: C9200-24T-E is a 24-port Gigabit Ethernet data-only Catalyst 9200 switch.

PoE: This model does not provide PoE on its 24 access ports.

Uplinks: Verify the exact compatible Cisco network module required for your deployment.

Software: The model is associated with the Cisco Network Essentials software feature set.

Configuration: Verify licensing, uplink module, power supply, stacking requirements and deployment compatibility before purchase.

Availability: Confirm stock condition, hardware revision, included items and delivery details with NexoGet.



Need Pricing or Availability for C9200-24T-E?

Contact NexoGet for Cisco C9200-24T-E pricing, stock availability, product condition, configuration, compatible uplinks, shipping options and enterprise networking quotations.

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