

CISCO CATALYST 9300 SERIES

Cisco Catalyst Switch

C9300-24UXB

The Cisco Catalyst C9300-24UXB is an enterprise access switch featuring 24 multigigabit Ethernet ports, Cisco UPOE, modular uplinks and support for high-performance enterprise network deployments. It is designed for demanding wired access environments, including deployments connecting modern wireless access points and other powered network devices.

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24

Multigigabit Ethernet Ports

10G

Maximum Supported Copper Port Speed

60W

Cisco UPOE Per Port

480 Gbps

StackWise-480 Stacking Bandwidth

PRODUCT OVERVIEW

Enterprise Multigigabit Switching with Cisco UPOE

The Cisco Catalyst C9300-24UXB belongs to the Catalyst 9300 Series and is designed for enterprise networks that need multigigabit access, flexible uplink connectivity and power delivery for compatible network endpoints. Its higher-scale hardware design provides deep buffers and increased scale compared with standard configurations. Verify the required software license and exact ordering SKU before purchase.

24P

24 Multigigabit Ports

Supports 100 Mbps, 1G, 2.5G, 5G and 10G Ethernet connectivity on compatible copper ports.

UPOE

Cisco UPOE

Supports Cisco Universal Power over Ethernet, delivering up to 60W per compatible port.

UPLINK

Modular Uplinks

Modular uplink architecture allows supported uplink modules to be selected for the network design and connectivity requirements.

STACK

StackWise-480

Supports StackWise-480 stacking. C9300-24UXB higher-scale models must be stacked with compatible higher-scale models.

L2/L3

Enterprise Switching

Supports enterprise Layer 2 and Layer 3 networking capabilities according to the selected software license and configuration.

IOS XE

Cisco IOS XE

Uses Cisco IOS XE software for network configuration, monitoring and management. Feature availability depends on licensing.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300-24UXB Detailed Specifications

The following specifications describe the Cisco Catalyst C9300-24UXB hardware family. Final configuration depends on the selected license, power supply and uplink module.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300 Series
Model	C9300-24UXB
Ordering SKUs	C9300-24UXB-E / C9300-24UXB-A
Product Type	Managed Enterprise Multigigabit Ethernet Switch
Total Network Ports	24
Port Type	Multigigabit Copper Ethernet
Ethernet Port Speeds	100 Mbps / 1G / 2.5G / 5G / 10G
PoE Technology	Cisco UPOE

Maximum PoE Per Port	Up to 60W, subject to supported port and power configuration
PoE Budget	560W with the documented 1100W AC power supply configuration
Uplink Architecture	Modular uplinks
Stacking Technology	Cisco StackWise-480
Stacking Bandwidth	480 Gbps
Stacking Compatibility	Compatible higher-scale Catalyst 9300 models; verify license and hardware compatibility
StackPower	Supported
Power Supply	1100W AC configuration referenced in Cisco documentation
Power Supply Configuration	Confirm the installed power supply and redundancy configuration before ordering
Software	Cisco IOS XE
Network Layer	Layer 2 / Layer 3, depending on configuration and license
License Options	Network Essentials (E) / Network Advantage (A)
Rack Form Factor	1U rack-mount switch

Dimensions (H × W × D)	4.4 × 44.5 × 51.3 cm (1.73 × 17.5 × 20.2 inches)
Weight	Approximately 8.25 kg (18.18 lb), with default power supply
Hardware Buffering	Higher-scale hardware with deep buffers
Intended Deployment	Enterprise access and multigigabit network deployments

Configuration note: Switching capacity, forwarding rate, installed uplink module, software features and actual PoE availability depend on the exact hardware and software configuration. Confirm the complete SKU and current Cisco datasheet before finalizing a purchase.

02 / POWER & NETWORK DESIGN

UPOE Power Delivery and Multigigabit Connectivity

The C9300-24UXB combines high-speed Ethernet access with Cisco UPOE support. It can be used in network designs that need to connect compatible powered endpoints and multigigabit devices.

60W

Powered Network Endpoints

UPOE can support compatible devices such as wireless access points, IP phones and other network endpoints within their power requirements.

10G

High-Speed Access

Multigigabit ports provide flexible Ethernet speeds for compatible devices and structured cabling environments.

MOD

Flexible Uplinks

Select a compatible modular uplink configuration based on the required speed, fiber or copper connectivity and network topology.

Power planning: The maximum supported power per port is not the same as the total available PoE budget. Actual simultaneous PoE capacity depends on the power supply configuration and system requirements.

03 / SOFTWARE & LICENSING

Cisco IOS XE and Network Licensing

Cisco Catalyst 9300 switches are available with different software license options. The license should be selected according to the routing, security, automation and management features required by the deployment.

Network Essentials	Available with the C9300-24UXB-E ordering SKU. Confirm the required feature set before purchase.
Network Advantage	Available with the C9300-24UXB-A ordering SKU. Confirm the included license and subscription terms for the specific unit.
Operating Software	Cisco IOS XE
License Verification	Check the exact SKU, license entitlement, software version and any applicable subscription requirements.

Important: C9300-24UXB-E and C9300-24UXB-A represent different license variants. Confirm which configuration is being supplied before placing an order.

Where the Cisco Catalyst C9300-24UXB Fits Best

WLAN

Wireless Access Networks

Suitable for compatible multigigabit wireless access point deployments that require high-speed Ethernet and PoE power.

ENT

Enterprise Networks

Designed for enterprise access-layer deployments requiring managed switching and flexible uplinks.

UPOE

PoE Device Connectivity

Supports compatible powered devices that require Cisco UPOE, subject to the available power budget.

10G

Multigigabit Workgroups

Provides multigigabit access for supported devices in bandwidth-intensive office environments.

RACK

Rack-Mounted Infrastructure

The 1U form factor supports installation in compatible network racks and equipment cabinets.

STACK

Stacked Switch Deployments

StackWise-480 supports compatible stacking designs. Higher-scale models have specific stacking compatibility requirements.

Explore Related Cisco Catalyst Switches

Compare other Cisco Catalyst models to find the appropriate port count, uplink architecture and PoE capabilities for your network.

24P

Cisco Catalyst C9300-24U

A 24-port Catalyst model with Cisco UPOE and modular uplink architecture.

[View C9300-24U](#)

24P

Cisco Catalyst C9300-24P

A 24-port Catalyst access switch with PoE+ support and modular uplinks.

[View C9300-24P](#)

48P

Cisco Catalyst C9300-48P

A 48-port Catalyst access switch for compatible enterprise network deployments.

[View C9300-48P](#)

24G

Cisco Catalyst C9300-24T

A 24-port Gigabit Ethernet Catalyst switch with modular uplink architecture.

[View C9300-24T](#)

48G

Cisco Catalyst C9300-48T

A 48-port Gigabit Ethernet access switch for enterprise networks.

[View C9300-48T](#)

10G

Cisco Catalyst C9300X-24HX

Explore the Catalyst 9300X family for alternative enterprise switching configurations.

[View C9300X-24HX](#)

06 / BEFORE YOU ORDER

Important Information About C9300-24UXB

Exact SKU: Confirm whether the required product is C9300-24UXB-E or C9300-24UXB-A, as the license variants differ.

Power Supply: Verify the installed power supply and the available PoE budget in the offered configuration.

Uplink Module: Modular uplink hardware may vary by configuration. Confirm whether the required uplink module is included.

Stacking: C9300-24UXB higher-scale switches have specific stacking compatibility requirements. Verify the existing stack hardware and license level.

Product Condition: Confirm whether the supplied unit is new, refurbished or used, and check the included accessories and warranty.

Availability: Contact NexoGet to confirm stock, configuration, price and shipping options before ordering.

07 / OFFICIAL DOCUMENTATION

Cisco Catalyst 9300 Series Datasheet

Review Cisco's official documentation for detailed specifications, supported configurations, licensing information and hardware compatibility.

[View Official Cisco Datasheet \(PDF\)](#)

[View Hardware Specifications](#)



Need Pricing or Availability for C9300-24UXB?

Contact NexoGet for product pricing, stock availability, license options, hardware configuration, product condition and shipping information.

 [+971 50 516 6272](tel:+971505166272)

 info@nexoget.com



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