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CISCO CATALYST

9300L SERIES

10G MULTIGIGABIT

40G QSFP UPLINKS

— CISCO CATALYST 9300L SERIES

Cisco Catalyst Switch

C9300L-24UXG-2Q

The Cisco Catalyst C9300L-24UXG-2Q is an enterprise-class access switch designed for high-performance campus networks. It combines 24 UPOE-capable copper access ports, including eight multigigabit ports supporting speeds up to 10Gbps, with two fixed 40Gbps QSFP uplinks. It is suitable for organizations deploying high-speed wireless access points, IP phones, collaboration endpoints and other network devices.

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24 Ports

10Gbps

UPOE-Capable Copper Access Ports

Maximum Speed on 8 Multigigabit Ports

2 × 40G

Fixed QSFP Uplink Ports

1100W

Default AC Power Supply Rating

PRODUCT OVERVIEW

High-Performance Enterprise Access Switching

The Cisco Catalyst C9300L-24UXG-2Q is built for enterprise environments that require a combination of multigigabit access, high-speed uplinks and power delivery over Ethernet. It supports modern campus access designs, high-bandwidth wireless deployments and connected business devices.

24P

24 UPOE Access Ports

Twenty-four copper access ports support Cisco UPOE. The available power budget depends on the installed power supply configuration and operating conditions.

10G

Multigigabit Connectivity

Eight ports support 100Mbps, 1Gbps, 2.5Gbps, 5Gbps and 10Gbps Ethernet. The remaining sixteen ports support 10Mbps, 100Mbps and 1Gbps Ethernet.

40G

Dual 40G QSFP Uplinks

Two fixed 40Gbps QSFP uplinks provide high-speed connectivity to supported aggregation and distribution infrastructure.

UPOE

Power over Ethernet

Cisco UPOE supports compatible powered devices such as access points, IP phones and other enterprise endpoints. Check individual device power requirements before deployment.

SEC

Enterprise Network Security

Cisco Catalyst 9300L platforms support enterprise access-control and network-security capabilities. Available features depend on the software release, license tier and configuration.

1RU

Rack-Mountable Design

A rack-oriented switch platform for enterprise wiring closets, campus access networks and structured network equipment installations.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300L-24UXG-2Q Detailed Specifications

Core model specifications are based on Cisco Catalyst 9300 Series documentation. Confirm the exact ordering SKU, software license, included accessories and regional configuration before purchasing.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300L Series
Product Model	C9300L-24UXG-2Q
Product Type	Managed Enterprise Layer 2/Layer 3 Network Switch
Switch Category	Fixed-Uplink Enterprise Access Switch
Total Copper Access Ports	24
Multigigabit Ports	8 × 100M/1G/2.5G/5G/10GBASE-T

Gigabit Ethernet Ports	16 × 10M/100M/1GBASE-T
Uplink Configuration	2 × fixed 40Gbps QSFP uplink ports
Uplink Port Type	QSFP, 40Gbps class
Uplink Flexibility	Fixed uplink configuration; not a modular uplink model
PoE Capability	Cisco UPOE
Default Power Supply	1100W AC power supply
Default PoE Power Budget	722W with the default power configuration
PoE Power Expansion	Cisco's published power table lists up to 1440W available PoE power with a supported dual-power-supply configuration. Actual configuration and limits must be verified.
Power Redundancy	Supported configurations depend on compatible power supply selection and installation.
Switch Architecture	Cisco UADP 2.0-based architecture
Network Management	Cisco-supported command-line and management interfaces; available options depend on software version and deployment.
Network Operating System	Cisco IOS XE

Network Layer Features	VLANs, inter-VLAN routing and supported Layer 3 services, subject to software release and license tier.
Security Features	Supported access-control, authentication, segmentation and network-security features; availability varies by configuration.
Network Resiliency	Supported redundancy and high-availability capabilities depend on topology, software and configuration.
Stacking	Check the specific C9300L stacking capabilities, supported hardware and software requirements in Cisco documentation.
Software License	Network Essentials or Network Advantage ordering variants may be available. Confirm the exact license suffix and feature entitlement.
Management and Monitoring	Cisco-supported CLI, SNMP and telemetry options, depending on software release and configuration.
Installation	Enterprise network rack installation; verify the rack kit and mounting accessories included with the offered SKU.
Power Input	AC power; verify regional voltage, inlet, cable and power-supply details for the specific offered unit.
Cooling	Internal switch cooling; check airflow direction and fan configuration for the selected hardware.
Dimensions	Confirm the official hardware dimensions and rack clearances for the exact hardware revision.

Weight	Varies with installed hardware and power supply configuration; confirm against the Cisco hardware guide.
Warranty and Support	Depends on the purchase channel, product condition, entitlement and applicable Cisco support agreement.

Specification note: For exact supported features, power budgets, dimensions, airflow, transceivers and license entitlements, consult the [official Cisco Catalyst 9300 Series Data Sheet](#) and the documentation for the specific ordering SKU.

02 / PORT ARCHITECTURE

10G Access and 40G Uplink Connectivity

The C9300L-24UXG-2Q combines higher-speed multigigabit edge connections with conventional Gigabit Ethernet connectivity and dedicated high-speed uplinks.

01

Eight Multigigabit Ports

Connect compatible endpoints at 100Mbps, 1Gbps, 2.5Gbps, 5Gbps or 10Gbps. Actual link speed depends on endpoint capabilities and cabling.

02

Sixteen Gigabit Ports

Connect conventional Ethernet endpoints such as desktop computers, IP phones, printers and compatible wireless access points.

03

Two 40Gbps QSFP Uplinks

Connect the switch to compatible upstream network equipment. Transceiver, cable,

distance and interoperability requirements must be checked before deployment.

Important: The 40Gbps uplinks use QSFP interfaces. They should not be treated as interchangeable with 10Gbps SFP+ or 25Gbps SFP28 interfaces. Verify the required Cisco-supported optics, DAC cables or other compatible interconnects.

03 / POWER AND POE

Cisco UPOE and Enterprise Device Power

Cisco UPOE can supply power to compatible network endpoints through Ethernet cabling. Available power is determined by the installed power supply configuration and the switch's power-management limits.

722W

Default PoE Budget

Cisco lists 722W of available PoE power for the C9300L-24UXG-2Q with its default 1100W AC supply configuration.

PSU

Power Supply Options

Supported additional power supplies can increase the available PoE budget. Verify compatibility, installation requirements and total system power.

PWR

Powered Endpoints

Suitable for compatible UPOE-powered devices. Calculate the expected simultaneous power draw before selecting the switch configuration.

Default Power Supply	1100W AC
Default Available PoE Power	722W
With Supported 350W Secondary PSU	1072W listed PoE power
With Supported 715W Secondary PSU	1440W listed PoE power
With Supported 1100W Secondary PSU	1440W listed PoE power

Power planning: These values follow Cisco's published power configuration table. The actual achievable budget depends on the supported power-supply combination, electrical limits and hardware configuration. Do not assume the maximum listed budget is available with the default single-supply configuration.

04 / DEPLOYMENT

Enterprise Network Integration and Management

The Cisco Catalyst 9300L platform is designed for managed enterprise networks. Confirm software release compatibility, license entitlements and interoperability with the existing infrastructure before placing an order.

Network Segmentation

Supported VLAN and access-control capabilities can help separate business devices, voice services, wireless clients and management traffic.

Layer 3 Services

Routing and other Layer 3 features depend on the selected license tier, IOS XE release and configured network design.

Centralized Operations

Cisco-supported monitoring and management options can help network teams configure, troubleshoot and maintain their switching infrastructure.

Software Licensing

Check whether the offered unit is the Network Essentials or Network Advantage variant and confirm the included subscription or support entitlements.

Upstream Connectivity

Design the uplink connection around the supported 40Gbps QSFP interfaces, the upstream device and the selected optical or copper interconnect.

Existing Infrastructure

Validate compatibility with routing, firewall, wireless, server and network-management systems already operating in the environment.

05 / PROCUREMENT

Ordering, Licensing and Compatibility Checklist

The product model alone does not confirm every item included in a particular commercial offer. Request a quotation against the complete part number and verify hardware, license and support requirements.

Base Model	C9300L-24UXG-2Q
Ordering Suffix	Confirm the complete part number, including the applicable license and regional suffix.
Software License	Verify Network Essentials or Network Advantage and the included feature entitlements.
Power Supplies	Confirm the installed power supply count, wattage and any redundant power requirements.
Power Cables	Verify which regional power cables are included.

Rack Accessories	Confirm rack-mount brackets, screws and other mounting accessories included with the offer.
Optics and Cables	Confirm whether QSFP optics, DAC cables or other uplink interconnects are included or need to be purchased separately.
Product Condition	Confirm new, refurbished or used condition and the applicable warranty.
Software and Support	Check software entitlement, support coverage, renewal requirements and lifecycle status.
Availability	Subject to confirmed inventory and the supplier's commercial quotation.

Before ordering: Ask for the complete Cisco SKU, serial-number verification where appropriate, included accessories, license details, hardware condition, warranty and delivery terms.

06 / SHIPPING INFORMATION

Packaging, Dimensions and Delivery

Packaging dimensions and shipping weight may vary according to the hardware configuration, accessories, packaging type and supplier. Confirm the actual shipping details against the offered unit before arranging transport.

Product Dimensions	Confirm using the applicable Cisco hardware installation guide.

Net Product Weight	Depends on the installed hardware and power supply configuration; confirm the official figure for the offered configuration.
Package Dimensions	Obtain the carton dimensions from the supplier.
Shipping Weight	Obtain the packed shipping weight from the supplier.
Included Accessories	Verify the product-specific packing list.
Delivery	Confirm delivery destination, lead time, shipping charges and customs arrangements with NexoGet.

07 / APPLICATIONS

Where the Cisco C9300L-24UXG-2Q Fits Best

A practical option for enterprise access networks that need higher-speed edge connections, powered endpoints and high-bandwidth uplinks.

WIFI

High-Speed Wireless Networks

Connect compatible multigigabit wireless access points to help accommodate higher-capacity enterprise Wi-Fi deployments.

ENT

Enterprise Campus Networks

Provide managed access connectivity for offices, corporate buildings and campus network environments.

POE

Powered Network Endpoints

Connect compatible IP phones, wireless access points and other powered devices

40G

High-Speed Aggregation Links

Use the fixed 40Gbps uplinks with compatible aggregation infrastructure and supported

over Ethernet.

interconnects.

IT

IT Infrastructure Modernization

Upgrade access-layer capacity where 1Gbps connections alone no longer meet all endpoint bandwidth requirements.

SEC

Managed Network Environments

Support structured switching, segmentation and monitoring in environments requiring centrally managed network infrastructure.

08 / BUYER GUIDANCE

Before You Order Cisco C9300L-24UXG-2Q

Choose the correct configuration based on the required port speeds, powered devices, uplink design, licensing, installed power supplies and support requirements. Confirm all commercial details before procurement.

Check Port Requirements

Verify the number of multigigabit connections, conventional Gigabit Ethernet connections and 40Gbps uplinks required by the network.

Calculate PoE Demand

Add the expected power requirements of connected devices and select a supported power configuration with sufficient capacity.

Confirm the Complete SKU

Verify licensing, hardware condition, power supplies, accessories, warranty and delivery arrangements in the supplier quotation.

Technical reference: Consult the [official Cisco Catalyst 9300 Series documentation](#) for detailed platform specifications and supported configurations.

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Need a Quote for Cisco C9300L-24UXG-2Q?

Contact NexoGet for current pricing, stock availability, complete part-number verification, licensing, configuration options and shipping information for the Cisco Catalyst C9300L-24UXG-2Q enterprise switch.

Call: +971 50 516 6272

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WhatsApp for Pricing and Availability

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