

CISCO CATALYST 9300X SERIES

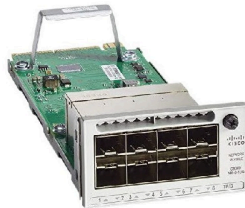
Cisco C9300X-NM-8M

Network Module

The Cisco C9300X-NM-8M is an advanced modular network module designed specifically for compatible Cisco Catalyst 9300X Series enterprise switches. It delivers eight Multigigabit (mGig) uplink and expansion slots, supporting high-density high-speed connectivity for modern enterprise networks, Wi-Fi 6/6E access points, and advanced campus core or distribution layers.

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8 × mGig

Multigigabit Uplink Slots

Up to 10G

Supported Port Speeds per Interface

9300X

Compatible Catalyst Series

Hot-Swap

Field-Replaceable Design

PRODUCT OVERVIEW

High-Density Multigigabit Expansion for Catalyst 9300X

The C9300X-NM-8M expands the interface flexibility of Catalyst 9300X switches, allowing organizations to connect high-speed endpoints, distribution blocks, and next-generation wireless infrastructure with robust multigigabit performance.

8×M

Eight Multigigabit Ports

Provides eight mGig ports supporting flexible speeds to eliminate network bottlenecks at the access and distribution layer.

WIFI

Wi-Fi 6/6E Readiness

Designed to feed high-throughput access points requiring intermediate speeds beyond standard 1G interfaces.

MOD

Modular Integration

Engineered specifically for the dedicated network module slot architecture of Cisco Catalyst 9300X switches.

AUT

Auto-Negotiation Speeds

Automatically senses and adapts to multiple speed tiers including 100M, 1G, 2.5G, 5G, and 10G where supported.

HOT

SEC

Online Insertion & Removal

Supports field replacement and maintenance workflows following standard Cisco hardware guidelines.

Enterprise Scale

Enhances overall switch capacity and uplink density for demanding enterprise environments.

01 / TECHNICAL SPECIFICATIONS

Cisco C9300X-NM-8M Detailed Specifications

Technical and physical specifications for the module and its factory packaging.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco Catalyst 9300X Series Network Modules
Model	C9300X-NM-8M
Ordering Part Number	C9300X-NM-8M= (spare ordering SKU)
Product Type	Modular Network Module
Downlink / Port Count	8 Ports
Interface Type	Multigigabit Ethernet (mGig) slots
Supported Speeds	100 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps, 10 Gbps (depending on optics/transceivers)
Supported Switch Family	Cisco Catalyst 9300X Series Switches

Installation Slot	Dedicated modular network module slot on compatible C9300X models
Hot-Swappable	Yes (OIR supported)
Net Weight (Module Only)	Approx. 1.4 kg (3.1 lbs)
Shipping Weight (With Box)	Approx. 2.2 – 2.7 kg (4.8 – 6.0 lbs)
Shipping Dimensions	Approx. 15 × 25 × 35 cm (6.0 × 10.0 × 14.0 inches)
Power Source	Powered internally via the host switch slot
Warranty	Cisco standard limited hardware warranty or seller terms

Technical note: Ensure that the host switch software version (Cisco IOS XE) fully supports the C9300X-NM-8M module prior to physical deployment.

02 / COMPATIBILITY

Host Switch Compatibility & Requirements

Verify your switch hardware series before procurement to ensure proper fit and functionality.

9300X

Catalyst 9300X Models

SW

IOS XE Firmware

Specifically built for the C9300X platform architecture. Not cross-compatible with standard non-X C9300 or C9200 slots.

Requires a compatible Cisco IOS XE software release that recognizes the 8-port mGig module configuration.

VER

Verify Before Order

Always cross-reference your switch PID and hardware revision with official Cisco compatibility matrices.

Important compatibility warning: The C9300X-NM-8M is engineered exclusively for Catalyst 9300X series switches. Do not attempt installation in older Catalyst 9300 base models or 9200 series hardware.

03 / DEPLOYMENT

Enterprise Deployment Scenarios

Common use cases for high-density multigigabit modular expansion.

High-Performance Access Layers

Connect multi-gigabit enterprise client devices and next-gen hardware directly to core switches.

Wireless Backhaul Integration

Provide superior bandwidth aggregation for high-density Wi-Fi 6 and 6E access point deployments.

Data Center & Server Uplinks

Support high-speed server links and inter-rack connectivity where intermediate speeds are required.

Ordering Information & Package Contents

Confirm product condition and shipping parameters before placing your order.

Part Number Check

Verify SKU C9300X-NM-8M= for spare orders or bundled configurations with your supplier.

Package Contents

Includes the network module protected in anti-static packaging inside factory-certified cartons with safety documentation.

Logistics & Freight

Gross shipping weight is approximately 2.2 to 2.7 kg, ideal for secure air freight and courier services.

Before You Order Cisco C9300X-NM-8M

Share your specific switch model and project requirements with NexoGet to verify stock availability, hardware condition, warranty details, and precise shipping quotes.