

CISCO CATALYST 9300 · NETWORK MODULE

Cisco C9300-NM-4G

Network Module

The Cisco C9300-NM-4G is a modular uplink network module designed for supported Cisco Catalyst 9300 Series switches. It provides four 1-Gigabit Ethernet SFP slots for connecting compatible fiber-optic or other supported SFP-based network links to enterprise switching infrastructure.

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4

SFP Uplink Slots

1 Gbps

Per Port

SFP

Interface Type

C9300

Compatible Switch Family

PRODUCT OVERVIEW

Cisco C9300-NM-4G Network Module Overview

Add modular Gigabit uplink connectivity to supported Catalyst 9300 switches using Cisco's four-port SFP module.

Enterprise networks often require additional uplink interfaces to connect access switches to distribution switches, aggregation layers, server networks or other parts of the campus infrastructure. The Cisco C9300-NM-4G provides four 1-Gigabit Ethernet SFP slots in a network module designed for compatible Cisco Catalyst 9300 Series platforms.

Unlike a standalone Ethernet switch, this component is an expansion module. It installs into the designated network-module bay of a compatible host switch. Its functionality therefore depends on the specific switch model, installed software, transceiver selection and network configuration.

4x**Four Gigabit SFP Slots**

Provides four 1-Gigabit Ethernet SFP interfaces for supported optical or other compatible SFP connectivity.

1G**Standard Gigabit Uplinks**

Designed for 1-Gigabit links in campus networks, distribution connections and supported network infrastructure deployments.

NM

Modular Expansion

Installs in a compatible Catalyst 9300 switch's network-module bay rather than operating as a standalone networking device.

TECHNICAL DATA

Cisco C9300-NM-4G Technical Specifications

Technical information for product identification, compatibility checks and purchasing decisions.

Brand	Cisco
Model	C9300-NM-4G
Spare Part Number	C9300-NM-4G=
Product Family	Cisco Catalyst 9300 Series
Product Type	Modular Uplink Network Module
Number of Ports	4 SFP slots
Port Type	1-Gigabit Ethernet SFP
Port Speed	1 Gbps per port
Aggregate Nominal Port Rate	4 Gbps across four ports, calculated from port rates
Supported Transceiver Type	Compatible standard 1G SFP modules

SFP+ Support	Not supported in this 1G network module
Installation	Compatible Catalyst 9300 network-module bay
Hot-Swappable	Network modules are designed for insertion and removal; follow Cisco's hardware installation procedure and platform-specific precautions.
Standalone Operation	No; requires a compatible host switch
Power over Ethernet	Not applicable as an independent PoE switch
Switching Capacity	Depends on the host switch; not a standalone specification
Hardware Dimensions	Exact module dimensions not independently verified
Hardware Weight	Exact module weight not independently verified
Retail Package Dimensions	Supplier-specific; confirm before shipment
Shipping Weight	Supplier-specific; confirm before shipment

Important compatibility note: The C9300-NM-4G has four 1-Gigabit SFP slots. Cisco states that SFP+ transceivers are not supported in this module. Confirm the host switch model and the compatibility of the intended SFP transceiver before ordering.

COMPATIBILITY AND DEPLOYMENT

Where Can the C9300-NM-4G Be Used?

The C9300-NM-4G is intended for supported Cisco Catalyst 9300 Series switches. It provides a modular option for organizations that need four additional Gigabit SFP uplink interfaces rather than a higher-speed SFP+ or SFP28 module.

01

Campus Networking

Connect supported switches to other network devices through compatible 1-Gigabit Ethernet links.

02

Fiber Connectivity

Use compatible SFP transceivers and suitable fiber cabling where optical uplinks are required.

03

Network Expansion

Add uplink interfaces to a supported Catalyst 9300 deployment without replacing the switch solely to obtain a different network-module port count.

Before purchasing: Verify the exact host-switch PID, available module bay, software requirements, supported transceivers and required link speed. The C9300-NM-4G is a 1G module, not a 10G SFP+ module or a 25G SFP28 module.

NETWORK MODULE SELECTION

Choosing the Right Cisco Catalyst 9300 Module

Select the module based on port count, required link speed, transceiver type and the supported capabilities of your host switch.

Module	Port Configuration

C9300-NM-4G	4 × 1G SFP
C9300-NM-8X	8 × 10G/1G SFP+ slots
C9300-NM-2Y	2 × 25G/10G/1G SFP28 slots
C9300-NM-2Q	2 × 40G QSFP+ slots
C9300-NM-4M	4 × multigigabit Ethernet interfaces

These modules are not interchangeable in terms of port speed or interface type. Verify host-switch compatibility before selecting an alternative.

INSTALLATION GUIDANCE

Installing and Configuring the Network Module

Installation should be performed by a qualified network administrator following the hardware installation guide for the exact Catalyst 9300 platform. Check the switch's supported module list and observe the prescribed handling and safety precautions.

1. Identify the exact Catalyst 9300 host-switch model.
2. Confirm that the switch supports the C9300-NM-4G.
3. Check that the intended transceivers are supported 1G SFP models.
4. Install the module according to Cisco's hardware instructions.
5. Configure and verify the available GigabitEthernet uplink interfaces.
6. Test link status, optical connectivity and network operation.

Cisco's installation documentation identifies the valid interfaces on this module as GigabitEthernet1/1/1 through GigabitEthernet1/1/4. Use the documentation applicable to your switch software release when configuring the interfaces.

SHIPPING INFORMATION

Cisco C9300-NM-4G Packaging and Delivery

The C9300-NM-4G is a compact network expansion component. Shipping requirements depend on whether the item is supplied as a new spare, in original manufacturer packaging or as a professionally packed replacement part.

Product	Cisco C9300-NM-4G Network Module
Module Dimensions	Confirm with the supplier before dispatch
Module Weight	Confirm with the supplier before dispatch
Original Box Dimensions	Not independently verified
Packed Carton Dimensions	Measure the actual shipping carton
Gross Shipping Weight	Weigh the packed shipment before booking
Packaging Recommendation	Protective anti-static packaging, suitable cushioning and a secure shipping carton

Shipping accuracy: Do not use estimated packaging dimensions as official Cisco carton specifications. Ask the supplier to confirm the actual packed dimensions and gross weight for freight quotations and international shipping documents.

RELATED NEXOGET PRODUCTS

Explore Cisco Catalyst Switches and Network Modules

Browse related Cisco switching products to help plan compatible network expansion and infrastructure upgrades.

9300

Cisco Catalyst 9300 Switches

Explore Catalyst 9300 switching options and verify network-module compatibility for your deployment.

[View Cisco C9300-48H](#)

9300L

Cisco Catalyst 9300L

Compare Catalyst 9300L switching configurations and fixed uplink options for access-layer networks.

[View Cisco C9300L-48PF-4G](#)

9200

Cisco Catalyst 9200 Modules

Compare modular uplink options for compatible Catalyst 9200 switches when planning a different access-switch platform.

[Explore Cisco C9200-NM-4G](#)

Related product links are provided for navigation and comparison. Confirm each linked product's availability and technical compatibility before making a purchasing decision.



Need Pricing for Cisco C9300-NM-4G?

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