

C9300-NM-2Y DataSheet

Add 2 × 1/10/25 G SFP28 ports to your Catalyst 9300. Cisco C9300-NM-2Y boosts uplink bandwidth to 50 Gbps and protects your 25 G migration investment.

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C9300-NM-2Y Description



The Cisco C9300-NM-2Y is a hot-swappable network module designed for the Catalyst 9300 Series switches. It provides 2 × 25 Gigabit SFP28 uplink ports, delivering high-speed connectivity for next-generation enterprise networks that demand faster backbone and aggregation speeds. This module is ideal for high-performance deployments, including data center edge, core-to-distribution uplinks, and high-density wireless backhaul. By offering 25G uplinks, it helps future-proof your network without replacing your switching infrastructure.

C9300-NM-2Y Quick Specs

Parameter	C9300-NM-2Y
Port Count	2 SFP28 slots
Supported Speeds	1 G / 10 G / 25 G
Max Aggregate Throughput	50 Gbps (full-duplex)
Form Factor	Front uplink bay (hot-swappable)
Compatible Switches	Cisco Catalyst 9300 Series modular uplink models*
Optic/DAC Support	Cisco SFP, SFP+, SFP28 & passive/active DAC
Operating Temperature	Matches host switch (-5 °C to 45 °C typical)
Ordering SKU	C9300-NM-2Y (factory-installed) / C9300-NM-2Y= (spare)

Key Features

Product Comparison

Feature / Model	C9300-NM-2Y	C9300-NM-8X	C9300-NM-2C
Uplink Ports	2 x 1G/10G/25G SFP28	8 x 1G/10G SFP+	1 x 40G QSFP+ + 1 x 100G QSFP28
Form Factor	SFP28	SFP+	QSFP+ and QSFP28
Max Total Bandwidth	50 Gbps (2 x 25G)	80 Gbps (8 x 10G)	140 Gbps (100G + 40G)
Supported Speeds	1G / 10G / 25G	1G / 10G	40G + 100G
Compatibility	Catalyst 9300 Series	Catalyst 9300 Series	Catalyst 9300 Series

Hot Swappable	Yes	Yes	Yes
Transceiver Support	SFP/SFP+/SFP28	SFP/SFP+	QSFP+/QSFP28
Primary Use Case	High-speed 25G enterprise uplinks	Dense 10G uplinks	High-capacity uplinks for aggregation

Specification

Parameter	Specification
Product Number	C9300-NM-2Y
Product Type	Modular Network Uplink Module
Uplink Ports	2 x SFP28
Supported Speeds	1G / 10G / 25G
Port Form Factor	SFP28
Module Bandwidth	Up to 50 Gbps (2 x 25G)
Hot Swappable	Yes
Switch Compatibility	Cisco Catalyst 9300 Series
Transceiver Support	25GBASE-SR, LR; 10GBASE-SR, LR; 1000BASE-T
Default with Switch	No (optional)
Use Case	Flexible high-speed uplinks for enterprise switching
Installation	Plug-in module, tool-less
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Relative Humidity	5% to 95% (non-condensing)
MTBF	7,568,820 hours
Module Weight	Approx. 200g
Power Draw	Minimal, powered via switch chassis
LED Indicators	Per port: Link/Activity
Warranty	Limited Lifetime Hardware Warranty

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