

CISCO CATALYST 8000 ROUTER MODULES & CARDS

C-NIM-1X

1x1G/10G SFP+ WAN Port · 256-bit MACsec · Catalyst 8300 Network Interface Module

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C-NIM-1X
Category	Cisco Catalyst 8000 Router Modules & Cards
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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The C-NIM-1X is a Cisco Catalyst 8000 Gigabit Ethernet WAN module for Catalyst 8300 Series edge routers that terminate 10G Ethernet WAN circuits. The module has one SFP+ port that runs at 1G or 10G as a routed Layer 3 interface, reaches the forwarding engine over a non-oversubscribed 10G backplane link and supports 256-bit WAN MACsec.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	C-NIM-1X	Cisco ordering description	Cisco 1-port 10-Gbps/1-Gbps SFP+ WAN, Network Interface Module
Spare PID	C-NIM-1X=	Form factor	NIM
Connection media	1x SFP/SFP+	WAN connection	1000BASE-X SFP or 10-Gbps SFP+
Port mode	Routed Layer 3 port; the host router routes all traffic entering the module	Layer 2 switching	Not supported between module ports or to other router ports; Layer 2 trunks from external switches terminate on the port
Feature support	Identical to the onboard Gigabit Ethernet and SFP/SFP+ ports of the Catalyst 8000 edge platforms	Cisco SD-WAN support	Yes, from day 1, including vManage
MACsec support (IEEE 802.1AE)	256-bit WAN MACsec	10G backplane connection to forwarding engine	Yes; 10G WAN connection is non-oversubscribed
Power over Ethernet	No	Unsupported SFP types	SFPs for RJ-45 copper media; 100BASE and 10BASE SFP modules
Supported 10G SFP+ modules	SFP-10G-SR, SFP-10G-LR, SFP-10G-ER, SFP-10G-LRM, SFP-10G-BXD-I, SFP-10G-BXU-I, SFP-10G-BX40D-I, SFP-10G-BX40U-I, SFP-H10GB-ACU-7M, SFP-H10GB-ACU-10M, DWDM-SFP10G	Supported 1G SFP modules	SFP-GE-S, SFP-GE-L, SFP-GE-Z, GLC-SX-MM, GLC-SX-MMD, GLC-LH-SM, GLC-LH-SMD, GLC-ZX-SM, GLC-ZX-SMD, GLC-EX-SMD, GLC-BX-D, GLC-BX-U, GLC-BX40-D-I, GLC-BX40-U-I, GLC-BX40-DA-I, GLC-BX80-D-I, GLC-BX80-U-I, GLC-LX-SM-RGD, DWDM-SFP
Catalyst 8000 edge platforms supported	All Catalyst 8300 Series platforms: C8300-1N1S-4T2X, C8300-1N1S-6T, C8300-2N2S-4T2X, C8300-2N2S-6T	Catalyst 8200 series support	Not supported, including Catalyst 8200L
Cisco 4000 series ISR	Not compatible	NIM slots on host	1 on C8300-1N1S-4T2X and C8300-1N1S-6T; 2 on C8300-2N2S-4T2X and C8300-2N2S-6T
C-SM-NIM-ADPT carrier support	Supported; two NIMs per carrier over two 10-Gbps backplane links	Maximum NIMs with C-SM-NIM-ADPT	6 on C8300-2N2S-4T2X and C8300-2N2S-6T; 3 on C8300-1N1S-4T2X and C8300-1N1S-6T
OIR support	Online insertion only in a NIM slot; full OIR in C-SM-NIM-ADPT	Required Cisco IOS XE release	17.3.2
LED indicators	EN system status; SFP+ status	Dimensions (H x W x D)	1.25 x 3.50 x 7.24 in. (32 x 89 x 184 mm)

Get Price and Availability for C-NIM-1X

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Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA.

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