

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

# C-NIM-1X

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C-NIM-1X</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

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## C-NIM-1X Datasheet

The Cisco C-NIM-1X datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C-NIM-1X and integrate it into enterprise or service provider networks with confidence.

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## Specification

Parameter	Specification	Parameter	Specification
<b>Model</b>	C-NIM-1X	<b>Product Type</b>	1-port 10G/1G SFP+ WAN Network Interface Module
<b>Form Factor</b>	NIM (Network Interface Module)	<b>Supported Platform</b>	Cisco Catalyst 8300 Series Edge Platforms
<b>Required IOS XE Version</b>	17.3.2 or later	<b>WAN Ports</b>	1 × SFP/SFP+ routed Layer 3 WAN port
<b>Supported WAN Speeds</b>	1 Gbps (1000BASE-X) and 10 Gbps (SFP+)	<b>Backplane Connection</b>	10 Gbps non-oversubscribed link to router forwarding engine
<b>MACsec</b>	256-bit WAN MACsec (IEEE 802.1AE)	<b>PoE Support</b>	No PoE (data-only WAN port)
<b>Supported Optics</b>	Cisco 1G and 10G SFP/SFP+ fiber transceivers	<b>Unsupported Optics</b>	No RJ-45 copper SFPs, no 10/100-Mbps SFP modules
<b>Layer 3 Features</b>	Same feature set as embedded WAN ports on Catalyst 8300	<b>Layer 2 Behavior</b>	No local switching; port operates as routed Layer 3 interface

Parameter	Specification	Parameter	Specification
<b>Online Insertion</b>	Online insertion in NIM slot supported	<b>Use with SM Adapter</b>	Supported in C-SM-NIM-ADPT for SM-X slots
<b>Dimensions (H x W x D)</b>	1.25 x 3.50 x 7.24 in	<b>Dimensions (Metric)</b>	32 x 89 x 184 mm
<b>Weight</b>	Approx. 240 g (0.24 kg)	<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-40°C to 70°C (-38°F to 150°F)	<b>Operating Humidity</b>	5% to 85% non-condensing
<b>Non-operating Humidity</b>	5% to 95% non-condensing	<b>Typical Use Cases</b>	10G secure Ethernet WAN, SD-WAN uplink, high-bandwidth branch edge

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