

**BRAND NEW & VERIFIED**



**VERIFIED PRODUCT DATASHEET**

# C-NIM-8M

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C-NIM-8M</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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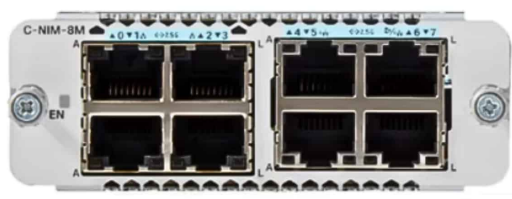
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## C-NIM-8M Datasheet

The Cisco C-NIM-8M datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C-NIM-8M 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-8M	<b>Product Type</b>	8-port Multigigabit LAN/WAN NIM with PoE/UPOE+
<b>Form Factor</b>	NIM (Network Interface Module)	<b>Supported Platforms</b>	Catalyst 8300 / 8200 / 8200L
<b>LAN/WAN Ports</b>	8 × RJ-45 100M/1G/2.5G mGig	<b>Max Speed</b>	2.5 Gbps
<b>PoE / UPOE+</b>	90W per port (ports 4-7), total 360W	<b>PoE Compatibility</b>	PoE / PoE+ / UPOE / UPOE+ (802.3bt)
<b>MACsec</b>	LAN MACsec on all ports; WAN MACsec on L3 ports	<b>Layer 3 Ports</b>	Last two ports configurable as routed WAN
<b>Layer 2 Switching</b>	Line-rate switching on all ports	<b>VLAN Support</b>	4095 VLAN IDs / 1024 VLANs
<b>QoS</b>	IEEE 802.1p, 8 queues/port, SDWRR	<b>Auto-MDIX</b>	Supported
<b>SD-WAN</b>	Supported (vManage 20.12+)	<b>Minimum IOS XE</b>	17.12.2
<b>Dimensions</b>	1.25 × 3.50 × 7.24 in	<b>Dimensions (mm)</b>	32 × 89 × 184 mm

Parameter	Specification	Parameter	Specification
<b>Weight</b>	~300 g	<b>Power Input</b>	Draws power from router chassis
<b>Operating Temperature</b>	-5°C to 55°C (23°F to 131°F)	<b>Storage Temperature</b>	-40°C to 70°C (-38°F to 150°F)
<b>Operating Humidity</b>	5%-85% non-condensing	<b>Non-operating Humidity</b>	5%-95% non-condensing
<b>Typical Use Cases</b>	Wi-Fi 6 AP uplinks, 5G gateways, PoE edge, mGig LAN	<b>Limitations</b>	Cannot be used with C-SM-NIM-ADPT; only one module per chassis

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## Why Layer23-Switch.com

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