

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9400-LC-48HN

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9400-LC-48HN
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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C9400-LC-48HN Datasheet

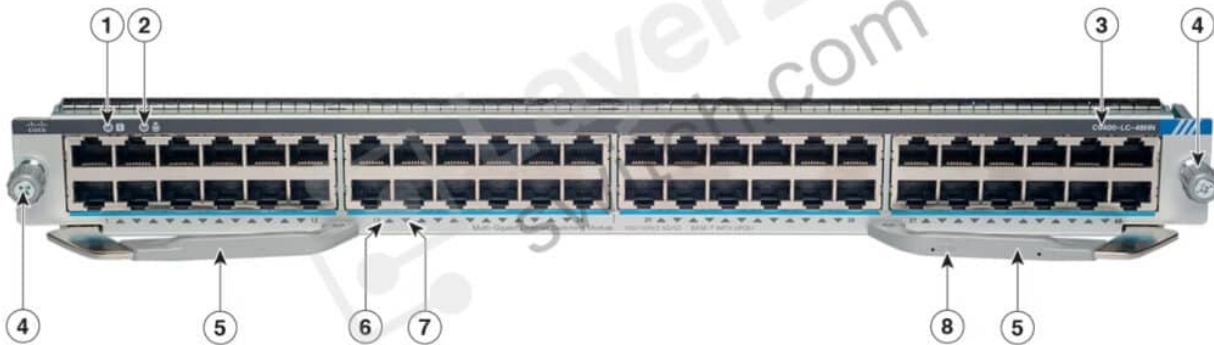
The Cisco C9400-LC-48HN datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9400-LC-48HN and integrate it into enterprise or service provider networks with confidence.

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Key Features

Front View



1	STATUS LED	5	Ejector levers
2	LOCATE (blue beacon) LED	6	PORT LINK LED for the port in the top row
3	Model or product number	7	PORT LINK LED for the port in the bottom row
4	Captive installation screws	8	Line card Radio Frequency Identifier (RFID)

Specification

Parameter	Specification	Parameter	Specification
Model	C9400-LC-48HN	Description	48-port, 5G/2.5G/1G/100 Mbps Multigigabit RJ-45 UPOE+ line card supporting up to 90 W per port
Port Speed & Type	5G/2.5G/1G/100 Mbps BASE-T; IEEE 802.3bt/at/af; Cisco pre-standard PoE	PoE Support	UPOE+ up to 90 W per port; PoE+; PoE
Maximum Bandwidth	240 Gbps full-duplex, non-blocking traffic	Minimum Software Version	Cisco IOS XE Bengaluru 17.5.1 or later

Parameter	Specification	Parameter	Specification
Port Density	<ul style="list-style-type: none"> • C9404R: 48 / 96 • C9407R: 48 / 240 • C9410R: 48 / 384 	Supervisor Compatibility	C9400-SUP-1; C9400-SUP-1XL; C9400-SUP-1XL-Y; C9400X-SUP-2; C9400X-SUP-2XL
Jumbo Frames	Layer 2-4 up to 9 216 bytes	MACsec Encryption	IEEE 802.1AE (MACsec-256) hardware acceleration
Precision Time Protocol	Hardware-ready for IEEE 1588/802.1as	Energy Efficiency	IEEE 802.3az (EEE); PoE Cable Loss Management
Advanced Power Features	Per-port power measurement; max-power-per-port config; front-facing passive RFID tag	MTBF	422,690 hours
Max Rated Power	175 W (for facility power planning)	Operating Temp.	23 to 131 °F (-5 to 55 °C) up to 6,000 ft; 23 to 122 °F (-5 to 50 °C) up to 10,000 ft
Storage Temp.	-40 to 158 °F (-40 to 70 °C)	Relative Humidity	10 to 95 %, non-condensing
Operating Altitude	-60 to 3,000 m	Safety Certifications	UL 60950-1; CAN/CSA-C222.2 No. 60950-1; EN 60950-1; IEC 60950-1; AS/NZS 60950.1; IEEE 802.3
EMI Certifications	47 CFR Part 15; CISPR22 Class A; EN 300 386 V1.6.1; EN 55022 Class A; EN 55032 Class A; CISPR 32 Class A; EN 61000-3-2; EN 61000-3-3; ICES-003 Class A; TCVN 7189 Class A; V-3 Class A; CISPR24; EN 300 386; EN 55024; TCVN 7317	RoHS Compliance	RoHS 5
Ideal Use Cases	Wi-Fi 6/6E access; digital signage; security cameras; IoT-enabled environments		

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