



C9400-LC-24XY DataSheet

C9400-LC-24XY: 24-port 10GBASE-T line card with MACsec-256, multigigabit copper access, and up to 480 Gbps bandwidth for secure high-speed edge.

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C9400-LC-24XY Description

The C9400-LC-24XY is a 24-port 10G multigigabit RJ-45 line card for Cisco Catalyst 9400 modular switches, designed for secure, high-speed copper access. Supporting MACsec 256-bit encryption and multigigabit speeds (100M to 10G), this model is ideal for next-generation wired infrastructure requiring robust performance and encryption without PoE. Built with Energy Efficient Ethernet and jumbo frame support, the 24XY provides secure and flexible access for enterprise edge or server aggregation. Compatible with Catalyst 9400 SUP-2 and SUP-2XL only.

Specification

Parameter	Description
Model	C9400-LC-24XY
Port Count	24 × RJ-45 ports
Port Speed	100M/1G/2.5G/5G/10G
PoE Support	No
MACsec	256-bit encryption supported
Slot Bandwidth	Up to 480 Gbps (SUP-2XL)
Supervisor Compatibility	SUP-2, SUP-2XL only
Chassis Compatibility	C9404R, C9407R, C9410R
Energy Efficient Ethernet	IEEE 802.3az supported
Jumbo Frame Support	Up to 9216 bytes
IOS XE Requirement	17.3.1 or later
MTBF	447,980 hours
RFID	Integrated passive RFID tag

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