



C9400-LC-48TX DataSheet

C9400-LC-48TX: 48-port 1G RJ-45 non-PoE line card with MACsec-256, EEE, and 480 Gbps bandwidth—ideal for secure, high-density campus access.

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C9400-LC-48TX Description

The C9400-LC-48TX is a 48-port Gigabit RJ-45 line card for Cisco Catalyst 9400 Series chassis. It offers non-PoE connectivity with full MACsec-256 hardware encryption, making it ideal for secure campus access environments. The 48TX supports standard 1G Ethernet on all ports, Energy Efficient Ethernet (EEE), and jumbo frames. It scales up to 480 Gbps per slot bandwidth when used with SUP-2XL, and supports a wide range of Catalyst 9400 supervisors and chassis, making it a flexible and secure choice for wired edge deployments without power requirements.

Specification

Parameter	Description
Model	C9400-LC-48TX
Port Count	48 × RJ-45 ports
Port Speed	10/100/1000 Mbps
PoE Support	None
MACsec	256-bit hardware encryption
Slot Bandwidth	Up to 480 Gbps (with SUP-2XL)
Energy Efficient Ethernet	IEEE 802.3az supported
Jumbo Frame Support	Up to 9216 bytes
RFID	Integrated passive RFID tag
IOS XE Requirement	16.6.1 or later
Supervisor Compatibility	SUP-1, 1XL, 2, 2XL
Chassis Compatibility	C9404R, C9407R, C9410R
MTBF	438,870 hours
Power Draw	Low (no PoE components)

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