



C9400-LC-48P DataSheet

C9400-LC-48P is a 48-port Gigabit PoE+ line card with MACsec and 30W power per port, ideal for enterprise IP phones, cameras, and wireless access.

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C9400-LC-48P Description

The C9400-LC-48P is a 48-port Gigabit PoE+ line card built for Cisco Catalyst 9400 modular switches. Delivering up to 30W of IEEE 802.3at compliant PoE per port, this model is ideal for powering IP phones, cameras, and access points in enterprise environments. With support for 256-bit MACsec, jumbo frames, and Energy Efficient Ethernet, it balances security and performance in access-layer deployments. Compatible with all Catalyst 9400 chassis and supervisor engines, the 48P offers a scalable and secure foundation for intelligent network edge applications.

Specification

Parameter	Description
Model	C9400-LC-48P
Port Count	48 × RJ-45 ports
Port Speed	10/100/1000 Mbps
PoE Type	PoE+ (IEEE 802.3at)
Power per Port	Up to 30W
Slot Bandwidth	Up to 480 Gbps (with SUP-2XL)
MACsec	256-bit encryption supported
IOS XE Requirement	16.6.1 or later
MTBF	435,520 hours
Energy Efficiency	IEEE 802.3az (EEE)
Jumbo Frames	Up to 9216 bytes
RFID	Integrated passive RFID tag
Supervisor Compatibility	SUP-1, 1XL, 2, 2XL
Chassis Compatibility	C9404R, C9407R, C9410R

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