



C9400-LC-48U DataSheet

C9400-LC-48U: 48-port 1G UPOE line card with 60W per port, MACsec, and up to 480 Gbps bandwidth—ideal for high-power access layer deployments.

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C9400-LC-48U Description

The C9400-LC-48U is a 48-port Gigabit line card with full Cisco UPOE support, capable of delivering up to 60W per port. Designed for the Cisco Catalyst 9400 Series switches, this line card powers a wide range of high-power PoE devices such as video phones, compact switches, thin clients, and multi-radio wireless access points. With MACsec-256 encryption, jumbo frame support, and slot bandwidth scaling up to 480 Gbps, the 48U delivers secure and scalable wired access for high-density enterprise environments. Compatible with all Catalyst 9400 supervisors and chassis.

Specification

Parameter	Description
Model	C9400-LC-48U
Port Count	48 × RJ-45 ports
Port Speed	10/100/1000 Mbps
PoE Type	UPOE (up to 60W per port)
MACsec	Supported (256-bit 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	Passive UHF RFID tag
IOS XE Requirement	16.6.1 or later
Supervisor Compatibility	SUP-1, 1XL, 2, 2XL
Chassis Compatibility	C9404R, C9407R, C9410R
MTBF	436,870 hours

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- Tel: [+86-17181189993](tel:+86-17181189993)
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