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Overview

The Catalyst 9400 Series switch UPOE line card UPOE line card supports PoE, PoE+, and Cisco UPOE to deliver 15W, 30W, or 60W to the access point.

Quick Specs

Table 1 shows the Quick Specs.

Model	C9400-LC-48U-B1
Product Description	Cisco Catalyst 9400 Series 1xC9400-LC-48U for Bundle Select
Number of ports	48
Port speed	10/100/1000
Port type	RJ-45 POE+ IEEE 802.3at, IEEE 802.3af,Cisco pre-standard
Cisco Catalyst 9400 Series switch min/max ports	C9404R: 48/96 C9407R:48/240 C9410R:48/384
Max rated power (W)	65
Rated MTBF (hours)	915,150

Product Details

C9400-LC-48U-B1 provides these highlights:

- ★48 ports nonblocking
- ★10/100/1000 module (RJ-45)
- ★Supported on Cisco IOS XE Software Release 16.6.1 or later
- ★Cisco UPOE is enabled, capable of up to 60W on all ports in the line card
- ★Energy Efficient Ethernet 802.3az
- ★IEEE 802.3af/at and Cisco pre-standard PoE
- ★IEEE 802.1AE (MACsec-256) capability in hardware
- ★Layer 2 to Layer 4 Jumbo Frame support up to 9198 bytes
- ★Enterprise and commercial design to power next-generation IP phones, wireless base stations, video cameras,virtual desktop clients, and other PoE
- ★Ideal for campus and branch applications requiring enhanced performance for large file transfers and network backups

Compare to Similar Items

Table 2 shows the comparison.

Model	C9400-LC-48P-B1	C9400-LC-48U-B1
Product Description	Cisco Catalyst 9400 Series 1xC9400-LC-48P for Bundle Select	Cisco Catalyst 9400 Series 1xC9400-LC-48U for Bundle Select
Number of ports	48	48
Port speed	10/100/1000	10/100/1000
Port type	RJ-45 POE+ IEEE 802.3at, IEEE 802.3af,Cisco pre-standard	RJ-45 POE+ IEEE 802.3at, IEEE 802.3af,Cisco pre-standard

Cisco Catalyst 9400 Series switch min/max ports	C9404R: 48/96 C9407R:48/240 C9410R:48/384	C9404R: 48/96 C9407R:48/240 C9410R:48/384
Max rated power (W)	65	65
Rated MTBF (hours)	980,440	915,150

Get More Information

Do you have any question about the C9400-LC-48U-B1?

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Specification

C9400-LC-48U-B1 Specification	
Product Description	Cisco Catalyst 9400 Series 1xC9400-LC-48U for Bundle Select
Number of ports	48
Port speed	10/100/1000
Port type	RJ-45 UPOE IEEE 802.3at, IEEE 802.3af, Cisco pre-standard
Cisco Catalyst 9400 Series switch min/max ports	Chassis C9404R: 48/96 Chassis C9407R:48/240 Chassis C9410R:48/384
Bandwidth per slot	
C9400 Supervisor Engine-1 (C9400-SUP1)	Chassis C9404R:80 Gbps Chassis C9407R:80 Gbps Chassis C9410R:80 Gbps
C9400 Supervisor Engine-1XL (C9400-SUP-1XL)	Chassis C9404R:240 Gbps Chassis C9407R:120 Gbps Chassis C9410R:80 Gbps
C9400 Supervisor Engine-1XL-Y (C9400-SUP-1XL-Y)	Chassis C9404R:240 Gbps Chassis C9407R:120 Gbps Chassis C9410R:80 Gbps
Max rated power (W)	65
Rated MTBF (hours)	915,150
Standards	Gigabit Ethernet: IEEE 802.3z, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3bt, IEEE 802.3at, IEEE 802.3af, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3an, IEEE 802.3an
EtherChannel technology	<ul style="list-style-type: none"> ● Gigabit EtherChannel: All 1000 Mbps ports ● 10 Gigabit EtherChannel: All 10Gbps ports ● IEEE 802.3ad (Link Aggregation Control Protocol) ● Port Aggregation Protocol (PaGP): Yes ● Number of ports per tuple: 16 with LACP and 8 with PaGP ● EtherChannel and IEEE 802.3ad technology across line cards: Yes
Physical dimensions	<ul style="list-style-type: none"> ● Occupies one slot in Cisco Catalyst 9400 Series switches ● Dimensions (H x W x D): 1.6 x 14.92 x 14.57 in. (4.06 x 37.90 x 37.00 cm)

Environmental conditions	<ul style="list-style-type: none"> ● Operating temperature: <ul style="list-style-type: none"> ● Normal Operating* Temperature and Altitudes: <ul style="list-style-type: none"> ○ 23° to 113°F (-5 to +45°C), up to 6,000 feet (1800 m) ○ 23° to 104°F (-5 to +40°C), up to 10,000 feet (3000 m) ○ *Minimum ambient temperature for cold startup is 0°C ● Short-Term** Exceptional Conditions: <ul style="list-style-type: none"> ○ 23° to 131°F (-5 to +55°C), up to 6,000 feet (1800 m) ○ 23° to 122°F (-5 to +50°C), up to 10,000 feet (3000 m) ○ **Not more than following in one-year period: 96 consecutive hours, or 360 hours total, or 15 occurrences ● Storage temperature: -40° to 158° F (-40° to 70°C) ● Relative humidity: 10 to 95%, noncondensing ● Operating altitude: -60 to 3000m
Safety conditions	Fiber optic lasers: Class 1 laser products
Safety certifications	<ul style="list-style-type: none"> ● UL 60950-1 ● CAN/CSA-C222.2 No. 60950-1 ● EN 60950-1 ● IEC 60950-1 ● AS/NZS 60950.1 ● IEEE 802.3
Safety certifications	<ul style="list-style-type: none"> ● UL 60950-1 ● CAN/CSA-C222.2 No. 60950-1 ● EN 60950-1 ● IEC 60950-1 ● AS/NZS 60950.1 ● IEEE 802.3
ROHS compliance ROHS5	ROHS5

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