

CISCO · CATALYST 9400 SWITCHES

C9400-LC-48S

48x 1G SFP Fiber Ports · Nonblocking · Catalyst 9400 Line Card

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C9400-LC-48S
Category	Catalyst 9400 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



Scan for price and stock

200+

Countries Served

18,000+

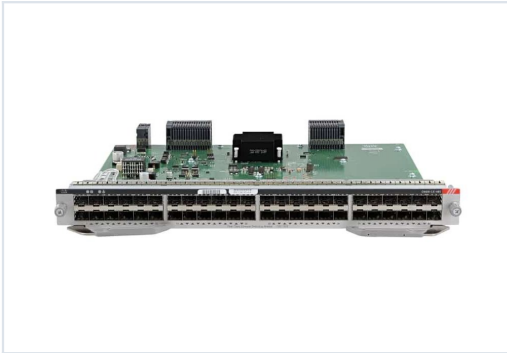
Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty



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The C9400-LC-48S is the Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet (SFP) line card, a single-slot fiber module carrying 48 nonblocking SFP ports for a C9404R, C9407R or C9410R chassis.

New, factory-sealed · 3-year LSCare warranty · 14-day returns ·
Cisco SN check before shipment

Specifications

Product ID	C9400-LC-48S	Cisco ordering description	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet (SFP), spare part number C9400-LC-48S=
Port count	Up to 48 nonblocking SFP ports	Port speed and media	1 GE over SFP fiber
Supported supervisor engines	C9400-SUP-1, C9400-SUP-1XL, C9400-SUP-1XL-Y, C9400X-SUP-2 and C9400X-SUP-2XL	Compatible chassis	C9404R, C9407R and C9410R
Bandwidth per slot with C9400-SUP-1	80 Gbps at 1:1 oversubscription on all three chassis	Bandwidth per slot with C9400-SUP-1XL and C9400-SUP-1XL-Y	240 Gbps on C9404R, 120 Gbps on C9407R and 80 Gbps on C9410R, all at 1:1
Bandwidth per slot with C9400X-SUP-2	240 Gbps at 1:1 on all three chassis	Bandwidth per slot with C9400X-SUP-2XL	480 Gbps at 1:1 on all three chassis
Port scaling by chassis	48 to 96 ports in C9404R, 48 to 240 ports in C9407R and 48 to 384 ports in C9410R	Positioned deployments	Enterprise, mid-market and commercial core and distribution requiring line-rate capability; service provider DSLAM, PON, mobile data backhaul and FTTH aggregation; enterprise Fiber To The Desktop
Encryption	IEEE 802.1AE MACsec-256 capability in hardware	Frame handling	Layer 2 to Layer 4 jumbo frame support up to 9216 bytes
Forwarding architecture	Functionally transparent; packet processing, queuing, buffering and QoS run on the supervisor engine, with dedicated bandwidth from each line-card slot to the supervisor	Maximum rated power	170 W
Typical power draw	Approximately 40 to 75 percent of the maximum rated value	Rated MTBF	937,600 hours
Minimum software release	Cisco IOS XE 16.8.1	Physical dimensions (H x W x D)	1.6 x 14.92 x 14.57 in. (4.06 x 37.90 x 37.00 cm), occupying one chassis slot
Standards	IEEE 802.3z, 802.3x, 802.3ab, 802.3bt, 802.3at, 802.3af, 802.3az, 802.3bz and 802.3an	EtherChannel	Gigabit EtherChannel on all 1000 Mbps ports, IEEE 802.3ad LACP and PaGP, 16 ports per tuple with LACP and 8 with PaGP, and EtherChannel across line cards
Operating temperature	23 to 113 degrees F (-5 to +45 degrees C) up to 6,000 feet and 23 to 104 degrees F (-5 to +40 degrees C) up to 10,000 feet, with 0 degrees C minimum ambient for cold startup	Short-term exceptional conditions	23 to 131 degrees F (-5 to +55 degrees C) up to 6,000 feet and 23 to 122 degrees F (-5 to +50 degrees C) up to 10,000 feet

Storage temperature	-40 to 158 degrees F (-40 to 70 degrees C)	Relative humidity	10 to 95 percent, noncondensing
Operating altitude	-60 to 3000m	Safety certifications	UL 60950-1, CAN/CSA-C222.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950.1 and IEEE 802.3, with fiber optic lasers rated Class 1
EMC certifications	47 CFR Part 15, CISPR22 Class A, EN 300 386 V1.6.1, EN 55022 Class A, EN 55032 Class A, CISPR 32 Class A, EN61000-3-2, EN61000-3-3, ICES-003 Class A, TCVN 7189 Class A, V-3 Class A, CISPR24, EN55024 and TCVN 7317	RoHS compliance	ROHS5
Optics support reference	Supported optical modules and their minimum software releases are published in the Cisco transceiver module device support tables rather than in the line card data sheet		

Get Price and Availability for C9400-LC-48S

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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