

CISCO · CATALYST 9300 SWITCHES

C9300L-48UXG-4X-A

12x mGig + 36x1G UPOE Ports · Fixed 4x10G Uplinks · 675W PoE Budget

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



Product Model	C9300L-48UXG-4X-A
Category	Catalyst 9300 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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The C9300L-48UXG-4X-A is a Cisco Catalyst 9300L fixed-uplink UPOE access switch for wiring closets that route and segment traffic under Network Advantage. All 48 RJ-45 ports carry Cisco UPOE, 12 of them Multigigabit up to 10G and 36 at 10/100/1000 Mbps, alongside four fixed 10G/1G SFP+ uplinks and 392 Gbps of switching capacity.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	C9300L-48UXG-4X-A	Network license	Network Advantage, perpetual and included with the hardware
Network Advantage feature set	BGP, EIGRP, HSRP, IS-IS, BSR, MSDP, PIM-BIDIR, IP SLA, OSPF without route limit; VRF, VXLAN, LISP, Cisco TrustSec, SGT; NETCONF, RESTCONF, gRPC, YANG, PnP Agent, ZTP, GuestShell	Downlink ports	12 x Multigigabit (100M/1G/2.5G/5G/10G) + 36 x 10/100/1000 Mbps RJ-45
PoE	Cisco UPOE, up to 60W per port; PoE+ and PoE	Uplinks	4 x 10G/1G SFP+, fixed; no network module slot
Default power supply	PWR-C1-1100WAC-P (1100W AC, Platinum-rated)	Default PoE budget	675W
PoE budget with 350W second supply	1025W	PoE budget with 715W second supply	1390W
PoE budget with 1100W second supply	1775W	Power supply slots	2; one supply installed, blank in the second bay
Power supply input	115-240 VAC, 50-60 Hz, 12-6 A (PWR-C1-1100WAC-P)	Power supply heat dissipation	3,754 BTU/hr output (PWR-C1-1100WAC-P)
Measured power, full port traffic	163.14W (1100W supply, 115 VAC)	Measured power, weighted average	152.09W (1100W supply, 115 VAC)
Measured power, 100% PoE load	918.4W (1100W supply, 115 VAC)	Switching capacity	392 Gbps
Switching capacity with stacking	712 Gbps	Forwarding rate	291.66 Mpps (64-byte IPv4 packets)
Forwarding rate with stacking	529.76 Mpps	DRAM	8 GB
Flash	16 GB	MAC addresses	32,000
IPv4 routes	32,000 (24,000 direct routes, 8,000 indirect routes)	IPv6 routes	16,000
Multicast routes	8,000	QoS entries	5,120
ACL entries	5,120	VLAN IDs	4094
PVST instances	300	STP virtual ports for PVST	13,000

STP virtual ports for MST	13,000	Switched virtual interfaces	1,000
Jumbo frames	9198 bytes	Total routed ports per stack	416
Stacking	StackWise-320, 320 Gbps, up to 8 members	Stack membership	Catalyst 9300L and 9300LM switches at the same license level; no stacking with modular-uplink Catalyst 9300 or 9300X
Stacking hardware	Optional C9300L-STACK-KIT or C9300L-STACK-KIT2: two stack adapters and one cable (0.5 m default; 1 m and 3 m options)	Management port	10/100/1000 RJ-45
Console port	RJ-45 console port and USB mini-Type B console port	USB port	USB Type A, USB 3.0, 900 mA at 5 V; 128 MB to 8 GB flash drives
SSD storage	Rear USB 3.0 SSD port for a 120 GB or 240 GB SSD module	Multigigabit cabling	100M to 5G on Cat5e; 10G on Cat6 up to 55 m or Cat6A up to 100 m; full duplex only
Copper port cabling	RJ-45, 4-pair Cat 5E UTP (1000BASE-T); Cat 5E/6/6A UTP (Multigigabit)	Fan modules	3 hot-swappable FAN-T2= fan modules with N+1 redundancy
Airflow	Front-to-rear and side-to-rear	Fan module airflow	20 cfm
Operating temperature	-5°C to +45°C up to 5000 ft (1500 m); -5°C to +40°C up to 10,000 ft (3000 m)	Storage temperature	-40°C to +70°C
Operating humidity	5% to 90%, noncondensing	Operating altitude	Up to 10,000 ft (3000 m)
Storage altitude	Up to 15,000 ft (4500 m)	Acoustic noise	LpA 44 dB typical, 47 dB max; LwA 5.5B typical, 5.8B max (C9300L, AC supply, half the PoE+ ports loaded, 25°C)
Dimensions, chassis only (H x W x D)	4.4 x 44.5 x 40.9 cm	Dimensions with default power supply (H x W x D)	1.73 x 17.5 x 19.2 in (4.4 x 44.5 x 48.8 cm)
Weight	7.65 kg (16.86 lb)	MTBF	273,820 hours
Safety certifications	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950.1	EMC certifications	47 CFR Part 15, EN 55032 Class A, CISPR 32 Class A, EN 55035, CISPR 35, EN 300 386, ICES-003 Class A, VCCI-CISPR 32 Class A, KN32, KN35, CNS13438, QCVN 118:2018/BTTTT
Environmental compliance	RoHS 5	IEEE standards	802.1D, 802.1p, 802.1Q, 802.1s, 802.1w, 802.1x, 802.3, 802.3u, 802.3ab, 802.3z, 802.3ad, 802.3ae, 802.3af, 802.3at, 802.3an, 802.3bz
Management standards	SNMPv1, SNMPv2c, SNMPv3, RMON I and II	Minimum software release	Cisco IOS XE Gibraltar 16.12.2

Optional Add-ons

Add-on	Cisco PID	Purpose
Power Supply / Fan	PWR-C1-1100WAC-P	1100W AC PSU - Catalyst 9300 C1 - Platinum Rated
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-SR	10GBASE-SR SFP+ - 850nm MMF - 400m OM4
Optics	SFP-10G-SR-X	10GBASE-SR SFP+ - Extended Temp - 400m OM4 MMF

Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	SFP-10G-LR	10GBASE-LR SFP+ - 1310nm SMF - 10km Reach
Optics	SFP-10G-LR-X	10GBASE-LR SFP+ - Extended Temp - 10km SMF
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	GLC-EX-SMD	1000BASE-EX SFP - 40km SMF - DOM

Get Price and Availability for C9300L-48UXG-4X-A

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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