



C9300L-48T-4X-M DataSheet

Cisco Catalyst C9300L-48T-4X-M: 48×1 Gbps data ports, 4×10 Gbps uplinks, 176 Gbps switching; Meraki-managed for cloud-provisioned, stackable access.

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C9300L-48T-4X-M Description

The Cisco Catalyst C9300L-48T-4X-M is a fixed-uplink access switch tailored for enterprise and campus edge deployments that require high-throughput data switching without PoE. It offers 48×1 Gbps RJ-45 copper ports and four built-in 10 Gbps SFP+ uplinks, providing ample bandwidth to aggregation or core layers. Powered by a 350 W AC supply (PWR-C1-350WAC-P), it consumes minimal power while delivering a nonblocking, wire-speed architecture of 176 Gbps switching capacity and 130.95 Mpps forwarding rate in standalone mode. When stacked via StackWise-320 (up to eight members), it scales to 496 Gbps switching and 369.05 Mpps forwarding, ensuring seamless scalability and high availability through cross-stack EtherChannel and StackPower redundancy.

Quick Specs

Parameter	Specification
Model	C9300L-48T-4X-M
Switching Capacity	176 Gbps standalone / 496 Gbps stacked
Forwarding Rate	130.95 Mpps standalone / 369.05 Mpps stacked
Downlink Ports	48 × 1 Gbps RJ-45 data-only ports
Uplink Ports	4 × 10 Gbps SFP+ fixed
Stacking Bandwidth	StackWise-320 (320 Gbps per stack link)

Default Power Supply	350 W AC (PWR-C1-350WAC-P), no PoE
Memory (DRAM)	8 GB
Flash Storage	16 GB

Key Features

Product Comparison

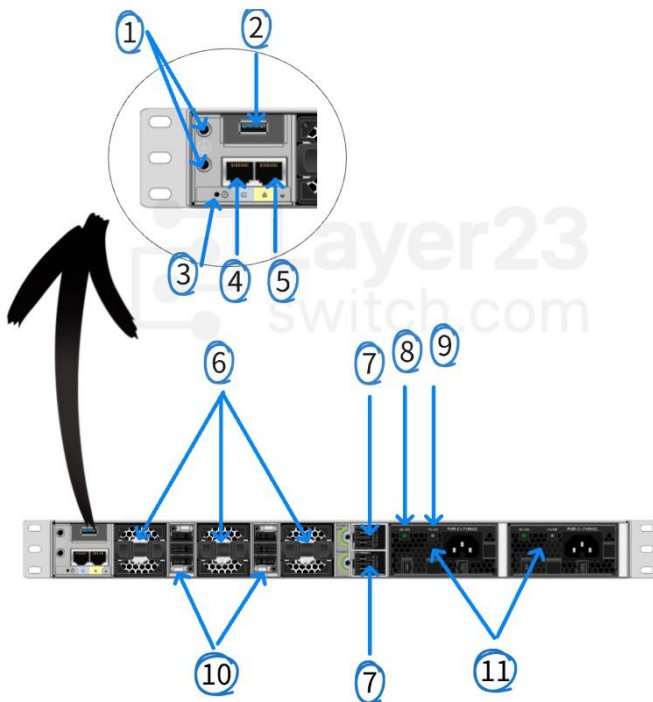
Parameter	C9300L-48T-4X-M	C9300L-48P-4X-M	C9300L-24T-4X-M
Downlink Ports	48 × 1 Gbps data	48 × 1 Gbps PoE+ (30 W/port)	24 × 1 Gbps data
Uplink Ports	4 × 10 Gbps SFP+ fixed	4 × 10 Gbps SFP+ fixed	4 × 10 Gbps SFP+ fixed
Switching Capacity	176 Gbps / 496 Gbps stacked	176 Gbps / 496 Gbps stacked	128 Gbps / 448 Gbps stacked
Forwarding Rate	130.95 Mpps / 369.05 Mpps stacked	130.95 Mpps / 369.05 Mpps stacked	95.23 Mpps / 333.33 Mpps stacked
Default Power Supply	350 W AC (no PoE)	715 W AC (505 W PoE budget)	350 W AC (no PoE)
Stacking Bandwidth	320 Gbps (StackWise-320)	320 Gbps (StackWise-320)	320 Gbps (StackWise-320)
License Image	Meraki Advanced/Enterprise	Meraki Advanced/Enterprise	Meraki Advanced/Enterprise
PoE Capability	None	PoE+ (30 W per port)	None

C9300L-48T-4X-M Switch Rear Panel

The switch rear panel includes StackWise connectors, StackPower or XPS connectors,

ports, fan modules, and power supply modules.

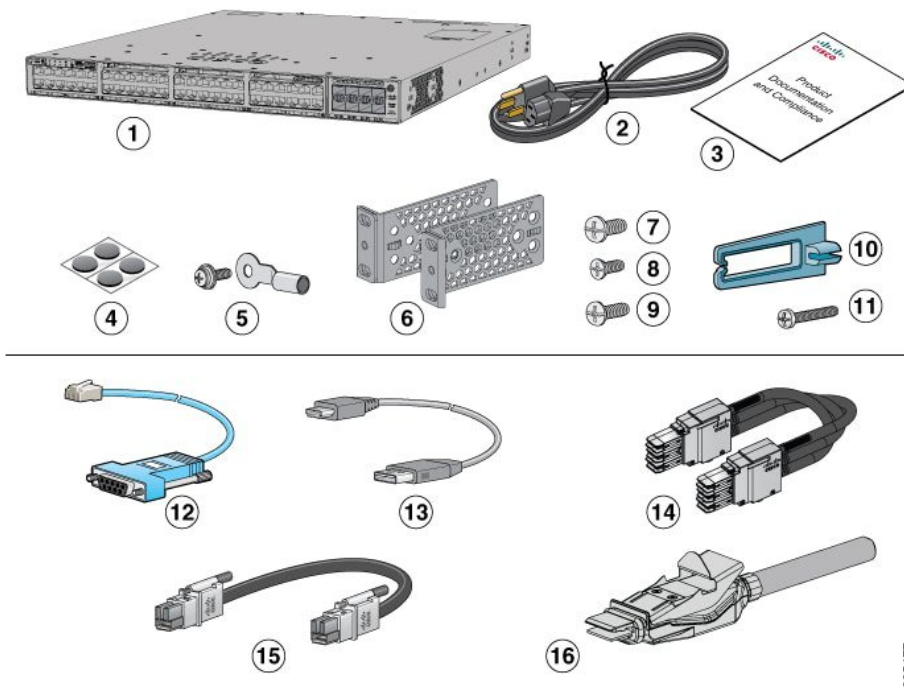
1	Ground connectors	7	StackPower connectors
2	USB3.0-SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	-	-



Components Delivered in the Shipping Box

The shipping box contains the model of the switch you ordered and other components needed for installation. Some components are optional, depending on your order.

1	Cisco Catalyst 9300 Series switch with optional network module ¹ (power supply and fan modules not shown)	9	Eight number-8 Phillips flat-head screws
2	AC power cord	10	Cable guide
3	Product documentation and compliance document	11	M4.0 x 20mm Phillips pan-head screw
4	Four rubber mounting feet	12	(Optional) RJ-45 console cable
5	Ground lug screw and ring terminal	13	(Optional) USB console cable
6	Two 19-inch mounting brackets	14	(Optional) StackWise-480/1T cable (0.5-meter, 1-meter, or 3-meter)
7	Four number-12 pan-head screws	15	(Optional) StackPower cable (0.3-meter or 1.5-meter)
8	Four number-10 pan-head screws	16	(Optional) StackWise-320 cable



385477

Specification

Parameter	Detail
Model	C9300L-48T-4X-M
Form Factor	1 RU rack-mountable switch
Downlink Ports	48 × 1 Gbps RJ-45 data-only ports
Uplink Ports	4 × 10 Gbps SFP+ fixed
Switching Capacity	176 Gbps standalone / 496 Gbps stacked
Forwarding Rate	130.95 Mpps standalone / 369.05 Mpps stacked
Stacking Bandwidth	StackWise-320 (320 Gbps per stack link)
Max Stack Members	Up to 8 switches
Memory (DRAM)	8 GB
Flash Storage	16 GB
Primary Power Supply	PWR-C1-350WAC-P (350 W AC; no PoE)
Fans	3 × field-replaceable fans (N+1 redundancy)
Dimensions (H × W × D)	1.73" × 17.5" × 16.1" (4.4 × 44.5 × 40.9 cm)
Weight (w/ PSU)	15.41 lb (7.00 kg)
MTBF	380,080 hours
Operating Temperature	−5 °C to + 45 °C at sea level (derate at altitude)
Jumbo Frames	Up to 9,198 bytes
Max VLAN IDs	4,094
Max MAC Addresses	32,000
Max IPv4 Routes	32,000 (24,000 direct + 8,000 indirect)
Max IPv6 Routes	16,000
Security Features	MACsec-256 encryption, Encrypted Traffic Analytics (ETA), Secure Boot, SUDI, IEEE 802.1X
Telemetry	Model-driven telemetry (gNMI/YANG), flexible NetFlow
Software Image	Meraki-managed ("-M") for cloud provisioning
License Tier	Meraki Advanced/Enterprise
Warranty	Limited lifetime hardware warranty

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