



C9300L-24T-4X-M DataSheet

Cisco Catalyst C9300L-24T-4X-M: 24×1 Gbps data ports, 4×10 Gbps uplinks, 128 Gbps switching; Meraki-managed, cloud-provisioned stackable access switch.

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C9300L-24T-4X-M Description

The Cisco Catalyst C9300L-24T-4X-M is a data-only, fixed-uplink access switch designed for enterprise and campus edge deployments requiring high throughput without PoE. It features 24 1 Gbps RJ-45 data ports and four built-in 10 Gbps SFP+ uplinks to ensure robust connectivity to aggregation layers. Running a Meraki-managed image (-M), it provides zero-touch provisioning, cloud-hosted dashboards, and single-pane-of-glass visibility into device health and traffic analytics. The switch supports StackWise-320, allowing stacking of up to eight members with 320 Gbps per stack link, ensuring seamless scalability and high availability via cross-stack EtherChannel and StackPower redundancy. Its wire-speed, nonblocking architecture delivers 128 Gbps switching capacity and 95.23 Mpps forwarding rate (standalone), which scales to 448 Gbps and 333.33 Mpps when stacked. Ideal for high-density data aggregation, it supports advanced Cisco DNA features—such as MACsec encryption, Encrypted Traffic Analytics (ETA), and model-driven telemetry—facilitating secure, programmable network operations.

Quick Specs

Parameter	Specification
Model	C9300L-24T-4X-M
Switching Capacity	128 Gbps standalone / 448 Gbps stacked
Forwarding Rate	95.23 Mpps standalone / 333.33 Mpps stacked
Downlink Ports	24 × 1 Gbps RJ-45 data ports

Uplink Ports	4 × 10 Gbps SFP+ fixed uplinks
Stacking Bandwidth	StackWise-320 (320 Gbps per stack link)
Default Power Supply	350 W AC (PWR-C1-350WAC-P)
DRAM	8 GB
Flash Storage	16 GB

Key Features

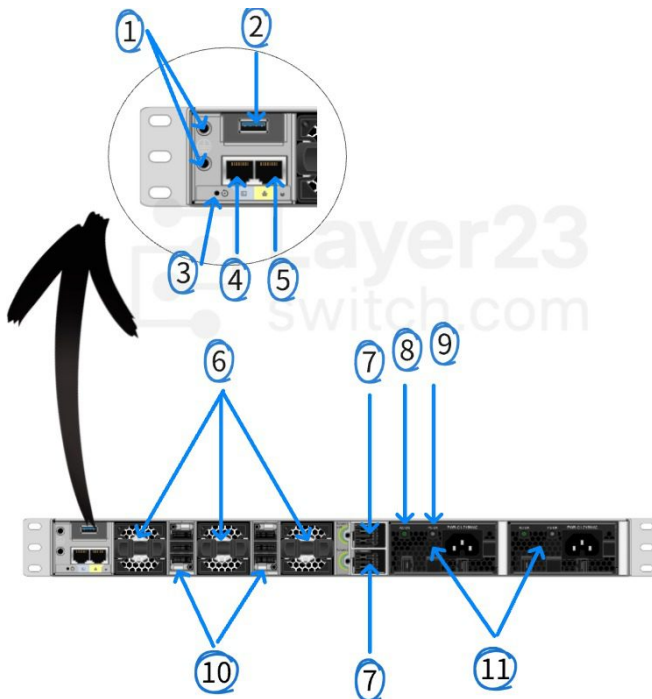
Product Comparison

Parameter	C9300L-24T-4X-M	C9300L-24P-4X-M	C9300L-48T-4X-M
Downlink Ports	24 × 1 Gbps data	24 × 1 Gbps PoE+ (30 W per port)	48 × 1 Gbps data
Uplink Ports	4 × 10 Gbps SFP+ fixed	4 × 10 Gbps SFP+ fixed	4 × 10 Gbps SFP+ fixed
Switching Capacity	128 Gbps / 448 Gbps stack	128 Gbps / 448 Gbps stack	176 Gbps / 496 Gbps stack
Forwarding Rate	95.23 Mpps / 333.33 Mpps stack	95.23 Mpps / 333.33 Mpps stack	130.95 Mpps / 369.05 Mpps stack
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+ up to 30 W per port	None

C9300L-24T-4X-M Switch Rear Panel

The switch rear panel includes StackWise connectors, StackPower or XPS connectors, ports, fan modules, and power supply modules.

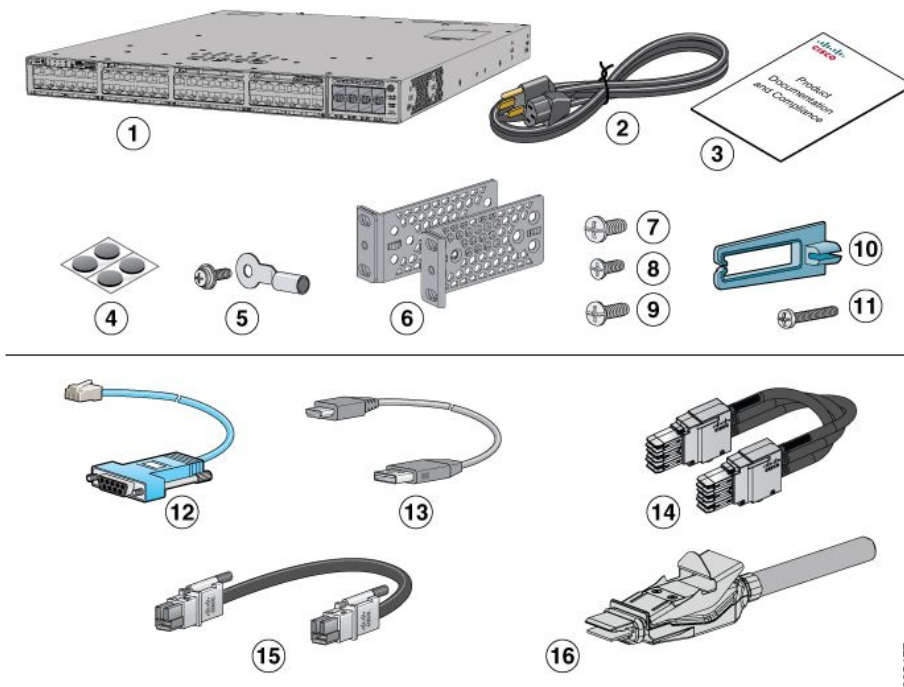
1	Ground connectors	7	StackPower connectors
2	USB3.0-SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	-	-



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-24T-4X-M
Form Factor	1 RU rack-mountable switch
Downlink Ports	24 × 1 Gbps RJ-45 data ports (no PoE)
Uplink Ports	4 × 10 Gbps SFP+ fixed
Switching Capacity	128 Gbps standalone / 448 Gbps stacked
Forwarding Rate	95.23 Mpps standalone / 333.33 Mpps stacked
Stacking Bandwidth	StackWise-320 (320 Gbps per stack link)
Memory (DRAM)	8 GB
Flash	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)	14.93 lb (6.78 kg)
MTBF	387,700 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)
IPv6 Routing	16,000 routes
Security Features	MACsec 256-bit, Secure Boot, SUDI, IEEE 802.1X
Telemetry	gNMI, model-driven telemetry, flexible NetFlow
License Tier	Meraki Advanced/Enterprise
Warranty	Limited lifetime hardware warranty

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