



C9300L-24UXG-4X-E DataSheet

C9300L-24UXG-4X-E: 24-port UPOE multigig access switch with 4×10 G uplinks, 592 Gbps StackWise-320, and Cisco IOS XE for secure, high-performance enterprise access.

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C9300L-24UXG-4X-E Description

Cisco Catalyst C9300L-24UXG-4X-E is a stackable access switch offering 24 Cisco UPOE multigigabit ports (8×10G/5G/2.5G/1G/100 Mbps + 16×1G/100 Mbps), four fixed 10 G/1 G SFP+ uplinks, and StackWise-320 stacking (up to 592 Gbps). Powered by a 1,100 W AC PSU (880 W PoE budget), it delivers 272 Gbps switching capacity and 202 Mpps forwarding performance. With Cisco IOS XE, it supports advanced security (MACsec, Encrypted Traffic Analytics), robust QoS, and seamless integration into enterprise campus and branch networks, ideal for high-density Wi-Fi 6, PoE cameras, digital signage, and converged IoT deployments.

Quick Specs

Parameter	Specification
Model	C9300L-24UXG-4X-E
Downlink Ports	24× UPOE Multigig (8×10G/5G/2.5G/1G/100 Mb & 16×1G/100 Mb)
Fixed Uplinks	4×10 G/1 G SFP+
Stacking Bandwidth	StackWise-320: 320 Gbps (single) / 592 Gbps (8-member)
Switching Capacity	272 Gbps (standalone)
Forwarding Rate	202.38 Mpps
PoE Budget	880 W (with 1,100 W AC PSU)

DRAM / Flash	8 GB / 16 GB
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Key Features

Product Comparison

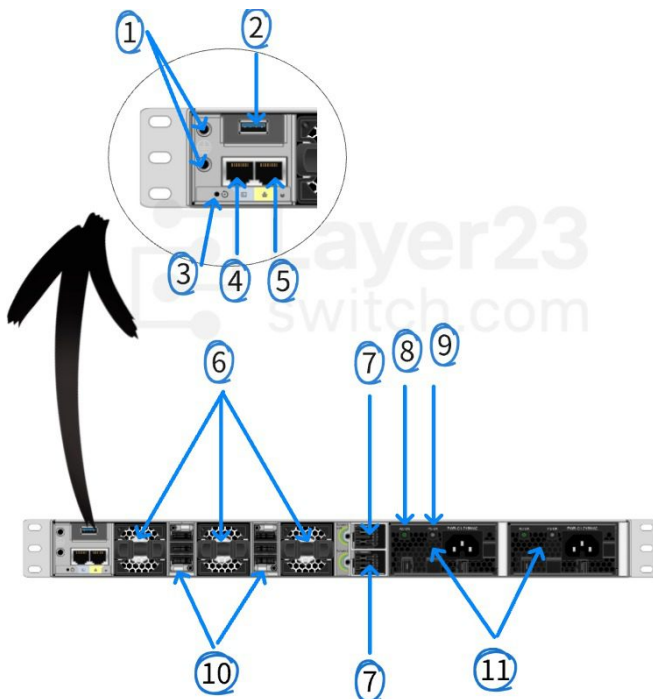
Feature / Model	C9300L-24UXG-4X-E	C9300L-48UXG-4X-E	C9300-24UX-E
Downlink Ports	24× Multigig UPOE (8×10G/5G/2.5G + 16×1G)	48× Multigig UPOE	24× Multigig UPOE
Fixed Uplinks	4×10 G/1 G SFP+	4×10 G/1 G SFP+	4×10 G/1 G SFP+
Switching Capacity	272 Gbps	392 Gbps	640 Gbps
Forwarding Rate	202.38 Mpps	291.66 Mpps	476.19 Mpps
Stacking Bandwidth (8-member)	592 Gbps	712 Gbps	1120 Gbps
PoE Budget (Default PSU)	880 W	675 W	560 W
DRAM / Flash	8 GB / 16 GB	8 GB / 16 GB	8 GB / 16 GB

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	-	-

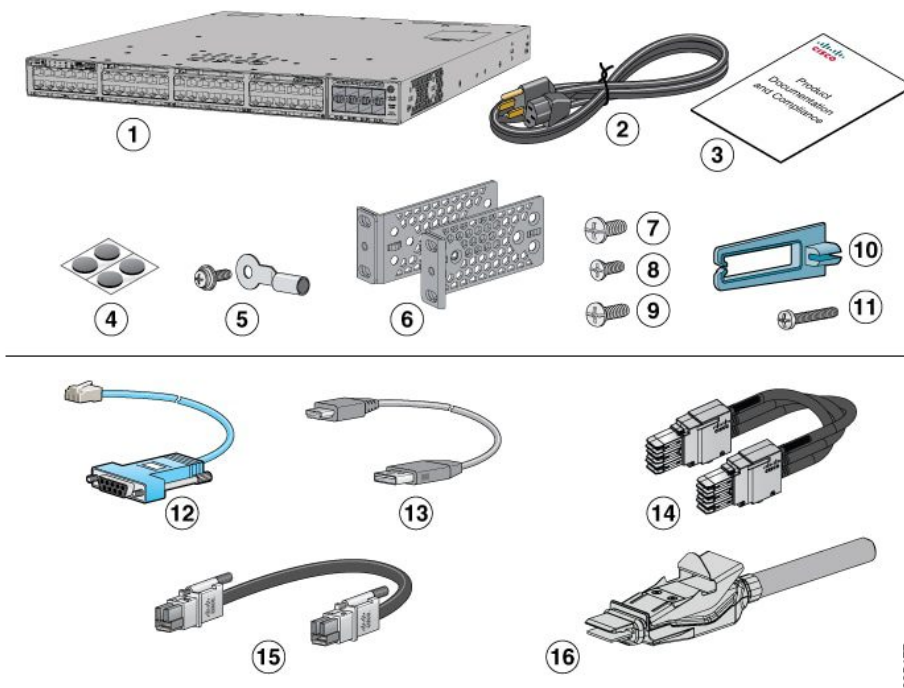


Components Delivered in the Shipping Box

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



Specification

Parameter	Specification
Model	C9300L-24UXG-4X-E
Downlink Ports	24× UPOE Multigig (8× 10G/5G/2.5G/1G/100 Mbps & 16× 1G/100 Mbps)
Fixed Uplinks	4× 10 G/1 G SFP+
Stacking Bandwidth	StackWise-320: 320 Gbps (single), 592 Gbps (8-member)
Switching Capacity	272 Gbps
Forwarding Rate	202.38 Mpps

Parameter	Specification
PoE Power Budget	880 W (with 1,100 W AC PSU)
DRAM	8 GB
Flash	16 GB
Total MAC Addresses	32,000
IPv4 Route Table	32,000 (24,000 direct; 8,000 indirect)
IPv6 Routing Entries	16,000
Flexible NetFlow Entries	64,000
VLAN IDs	4,094
SVIs (Switched VLAN Interfaces)	1,000
ACL Entries	5,120
QoS Entries	5,120
Packet Buffer	32 MB
Uplink Feature Packet Buffer	16 MB (for 10 G/25 G uplink ports)
CPU	x86 (2.4 GHz dual core)
Operating Temperature	−5 °C to +45 °C (0 °C cold start)
Dimensions (H×W×D)	4.4 × 44.5 × 51.3 cm (1.73 × 17.5 × 20.2 in)
Weight (with PSU)	16.01 lb (7.26 kg)

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