

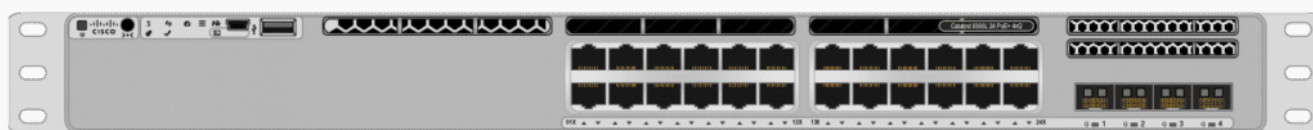


## C9300L-24P-4G-E DataSheet

Cisco C9300L-24P-4G-E - 24 x 1G PoE+ switch, 4 x 1G SFP uplinks, 56 Gbps switching, 370 W PoE budget, StackWise-80, Network Essentials, ideal for branch campus.

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### C9300L-24P-4G-E Description



Cisco Catalyst C9300L-24P-4G-E is an economical, fixed-uplink member of the 9300 family. It offers 24 PoE+ copper ports (30 W per port) plus four built-in 1 G SFP uplinks, all driven by a 56 Gbps non-blocking fabric. The switch runs on the Network Essentials feature set, delivering secure Layer 2/3 services, Plug-and-Play onboarding and Cisco DNA Center automation out of the box. StackWise-320 technology lets up to eight Catalyst 9300L units operate as one with 320 Gbps stack bandwidth. A 715 W AC PSU supplies up to 445 W of PoE budget, powering phones, APs and cameras without extra cabling.

### Quick Specs

Code	Meaning
<b>C</b>	Cisco Catalyst family
<b>9300L</b>	9300 fixed-uplink ( L ) access switch
<b>24</b>	24 Gigabit Ethernet downlink ports
<b>P</b>	PoE+ on every downlink

<b>4G</b>	Four fixed 1 G SFP uplink ports
<b>-E</b>	<i>Network Essentials</i> software licence

## Key Features

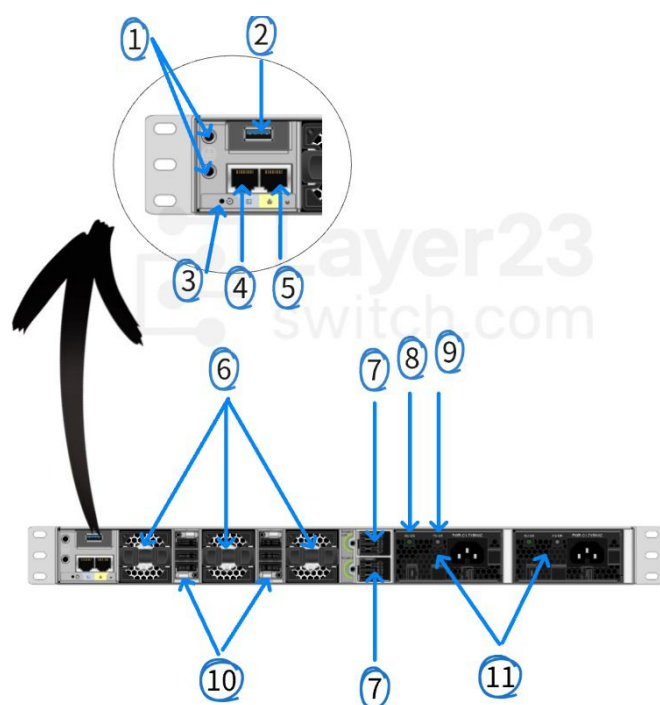
## Product Comparison

Model	Downlink Ports	Uplinks	Switching Capacity	Stack Bw	PoE Budget
<b>C9300L-24P-4G-E</b>	24 × 1G PoE+	4 × 1 G SFP	56 Gbps / 376 Gbps	80 Gbps	370 W
C9300L-24T-4G-E	24 × 1G (no PoE)	4 × 1 G SFP	56 Gbps / 376 Gbps	80 Gbps	N/A
C9300-24P-4X-A	24 × 1G PoE+	4 × 10 G SFP+	128 Gbps / 448 Gbps	80 Gbps	370 W

## C9300L-24P-4G-E 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	-	-

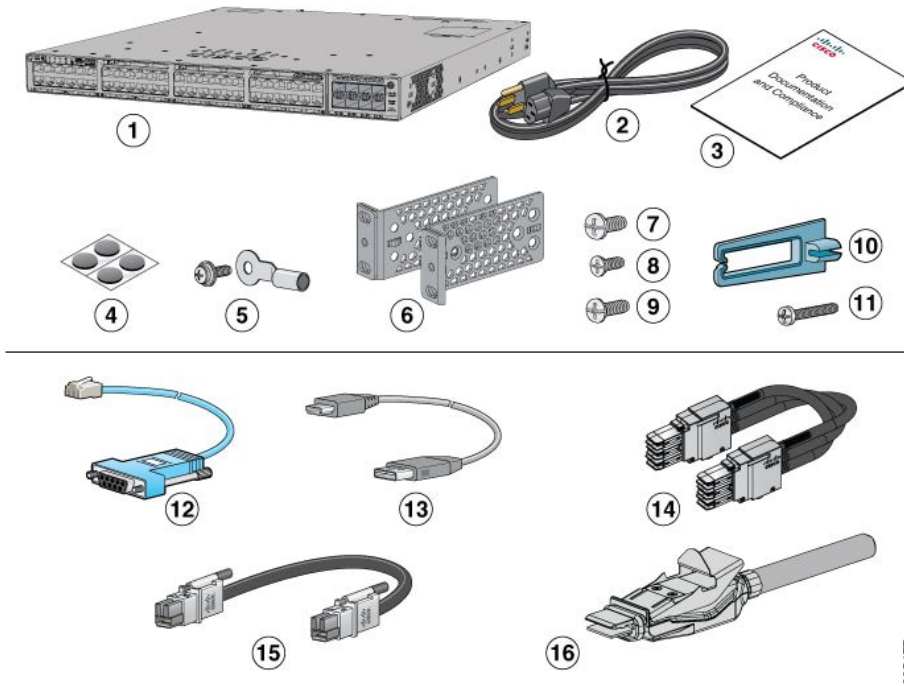


## Components Delivered in the Shipping Box

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 <sup>1</sup> (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
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## Specification

Parameter	C9300L-24P-4G-E Specification
Switching Capacity	56 Gbps (376 Gbps w/ StackWise-80)
Forwarding Rate	41.66 Mpps (279.76 Mpps w/ stacking)
Downlink Ports	24 × 10/100/1000 BASE-T PoE+ (802.3at)
PoE Budget (initial)	370 W (715 W PSU)
Max PoE Budget	740 W (with PWR-C6-600WAC)
Uplink Ports	4 × 1 Gbps SFP fixed
Stacking Technology	StackWise-80, 80 Gbps, up to 8 members
MAC Address Table	16,000 entries
IPv4 Routes	8,000
IPv6 Routes	4,000

Parameter	C9300L-24P-4G-E Specification
VLAN IDs Supported	4,094
ACL Entries	2,000
QoS Entries	2,000
DRAM	4 GB
Flash	16 GB
Power Supply	715 W AC integrated (PWR-C1-715WAC-P)
Fans	Variable-speed field-replaceable (44 dB typical)
Dimensions (H×W×D)	1.73 × 17.5 × 16.1 in / 4.4 × 44.5 × 40.9 cm
Weight	14.99 lb / 6.81 kg
MTBF	346,940 hours
Operating Temp	0 °C to 40 °C
Relative Humidity	5 % to 85 % non-condensing
Acoustic (Idle/Typ/Max)	44 dB idle, 47 dB max @ 25 °C
Compliance	IEEE 802.3at, 802.3az, RoHS, FCC Class A, CISPR 32 Class A
Software Image	IOS XE 17.x - Network Essentials
Stack Cable Access	Front-mounted, tool-less connectors
Latency	< 2 μs (1 G ports)
Energy Efficiency	EPA Tier 2 compliant
Security	Basic Layer 2 ACLs, 802.1X, dynamic ARP inspection
Management	CLI, SNMP v3, NETCONF, RESTCONF, Cisco DNA Center
Warranty	Limited lifetime - Next Business Day Replacement

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