



## C9300L-48T-4X-A DataSheet

Cisco Catalyst C9300L-48T-4X-A: 48-port Gigabit data switch with 4 × 10G SFP+ uplinks, StackWise-320, and Network Advantage software for secure campus access.

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### C9300L-48T-4X-A Description

Cisco Catalyst C9300L-48T-4X-A is a high-density Layer 3 access switch with 48 Gigabit Ethernet data ports and 4 integrated 10G SFP+ uplinks. As part of the Catalyst 9300L Series, it features advanced enterprise-class networking, StackWise-320 stacking, and fixed power/fan design, making it ideal for secure, scalable campus deployments. With the Network Advantage software package, the C9300L-48T-4X-A delivers future-ready security, automation, and simplified management for modern enterprise networks.

### Quick Specs

Feature	Specification
Ports	48 × 10/100/1000 Mbps RJ-45 (Data)
Uplinks	4 × 10G SFP+ Fixed
Default Power Supply	350W AC (fixed)
Switching Capacity	176 Gbps
Forwarding Rate	130.95 Mpps
Stack Bandwidth	320 Gbps (StackWise-320)

## Key Features

## Product Comparison

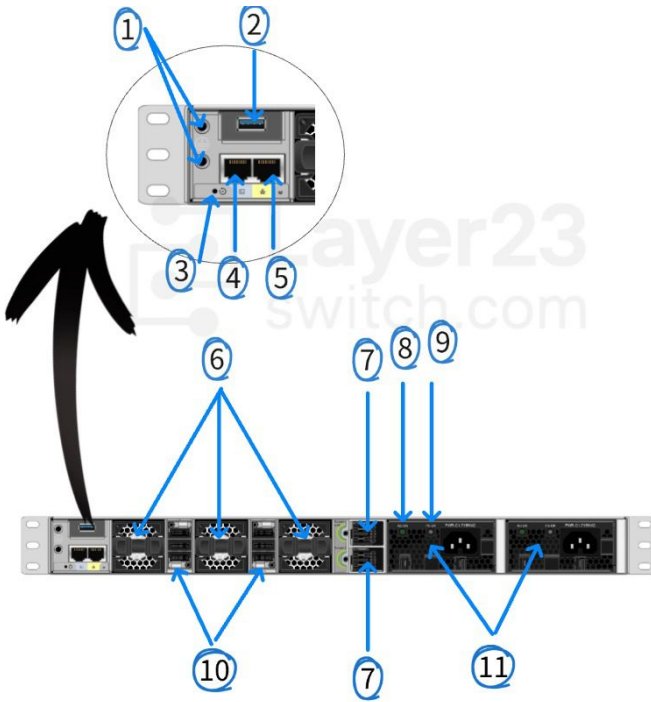
Feature	C9300L-48T-4X-A	<a href="#">C9300L-48T-4X-E</a>	<a href="#">C9300L-48T-4G-A</a>
<b>License</b>	Network Advantage	Network Essentials	Network Advantage
<b>Switching Capacity</b>	176 Gbps (496 Gbps stack)	176 Gbps (496 Gbps stack)	104 Gbps (424 Gbps stack)
<b>Forwarding Rate</b>	130.95 Mpps (369.05 Mpps stk)	130.95 Mpps (369.05 Mpps stk)	77.38 Mpps (315.48 Mpps stk)
<b>Downlink Ports</b>	48 × 1 Gbps (non-PoE)	48 × 1 Gbps (non-PoE)	48 × PoE+ (30 W each)
<b>Uplink Ports</b>	4 × 10 Gbps SFP+	4 × 10 Gbps SFP+	4 × 1 Gbps SFP
<b>Primary PSU</b>	350 W AC	350 W AC	715 W AC
<b>Stacking Bandwidth</b>	320 Gbps	320 Gbps	320 Gbps

## Catalyst 9300L 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	-	-
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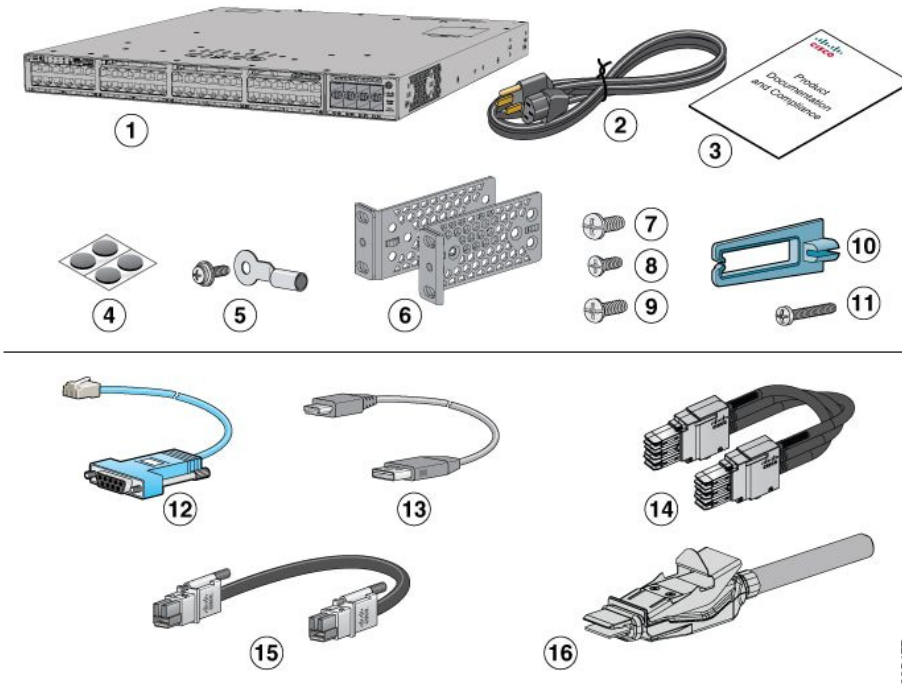


### Components Delivered in the Shipping Box

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	Specification	Parameter	Specification
<b>Product Model</b>	C9300L-48T-4X-A	<b>Software License</b>	Network Advantage
<b>Downlink Ports</b>	48 × 10/100/1000 Mbps RJ-45 (Data)	<b>Uplink Ports</b>	4 × 10G SFP+ (Fixed)
<b>Default Power Supply</b>	350W AC (Integrated)	<b>PoE/UPoE Support</b>	No PoE (Data only)
<b>Switching Capacity</b>	176 Gbps	<b>Forwarding Rate</b>	130.95 Mpps
<b>Stacking Support</b>	StackWise-320, up to 8 units	<b>Stacking Bandwidth</b>	320 Gbps
<b>DRAM</b>	4 GB	<b>Flash Memory</b>	4 GB
<b>Max VLANs Supported</b>	4094	<b>SVIs</b>	Up to 1000
<b>Jumbo Frame Support</b>	Up to 9198 bytes	<b>MACsec Encryption</b>	Supported, AES-256 hardware

Parameter	Specification	Parameter	Specification
<b>Dimensions (H x W x D)</b>	1.73 x 17.5 x 17.7 in (4.4 x 44.5 x 44.9 cm)	<b>Weight (with PSU)</b>	15.41 lb (7.0 kg)
<b>MTBF</b>	380,080 hours	<b>Operating Temperature</b>	0°C to 45°C
<b>Fan</b>	Fixed, variable speed	<b>Acoustic Noise (LpA)</b>	44 dB (typical), 47 dB (max)
<b>Energy Efficient Ethernet</b>	IEEE 802.3az	<b>Industry Certifications</b>	CE, UL, CSA, EAC, RCM, VCCI, CCC, BSMI, KC, RoHS
<b>Management Ports</b>	1 x 1G OOB, 1 x RJ45 Console, 1 x USB Mini-B Console, 1 x USB Type-A	<b>Jumbo Frame Support</b>	Up to 9198 bytes

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