



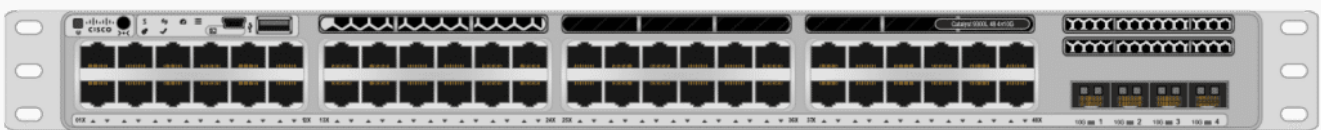
## C9300L-48T-4X-E DataSheet

C9300L-48T-4X-E: 48x1 Gig data ports, 4x10 G SFP+ uplinks, 320 Gbps stacking, IOS XE Essentials; perfect for high-density data-only campus access. (≤160 chars)

[READ MORE](#)



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



The Cisco Catalyst 9300L-48T-4X-E is a high-performance access-layer switch tailored for data-only campus and branch deployments. It provides 48 Gigabit Ethernet copper ports (non-PoE) along with four fixed 10 Gbps/1 Gbps SFP+ uplinks. Powered by an integrated 350 W AC supply, it supports Cisco IOS XE with the Network Essentials license, offering wire-speed Layer 2 switching and basic Layer 3 static/RIP routing, hardware ACLs, and QoS. StackWise-320 technology delivers up to 320 Gbps of stacking bandwidth across eight switches, unifying control and management. Integrated security features include 802.1X, DHCP Snooping, Dynamic ARP Inspection, and TrustSec. Management options encompass the on-box CLI/WebUI or centralized Cisco DNA Center. This model is ideal when PoE is not required but high port density, advanced routing, and reliable stacking are critical.

### Quick Specs

Parameter	Specification
Model	C9300L-48T-4X-E
Switching Capacity	176 Gbps standalone; 496 Gbps (8-member stack)
Forwarding Rate	130.95 Mpps standalone; 369.05 Mpps (stacked)

<b>Downlink Ports</b>	48 × 1 Gbps RJ-45 copper (non-PoE)
<b>Uplink Ports</b>	4 × 10 Gbps/1 Gbps SFP+ fixed
<b>Stacking Bandwidth</b>	320 Gbps (StackWise-320)
<b>Primary Power Supply</b>	350 W AC integrated
<b>Memory / Flash</b>	8 GB DRAM; 16 GB flash
<b>License</b>	Network Essentials

## Key Features

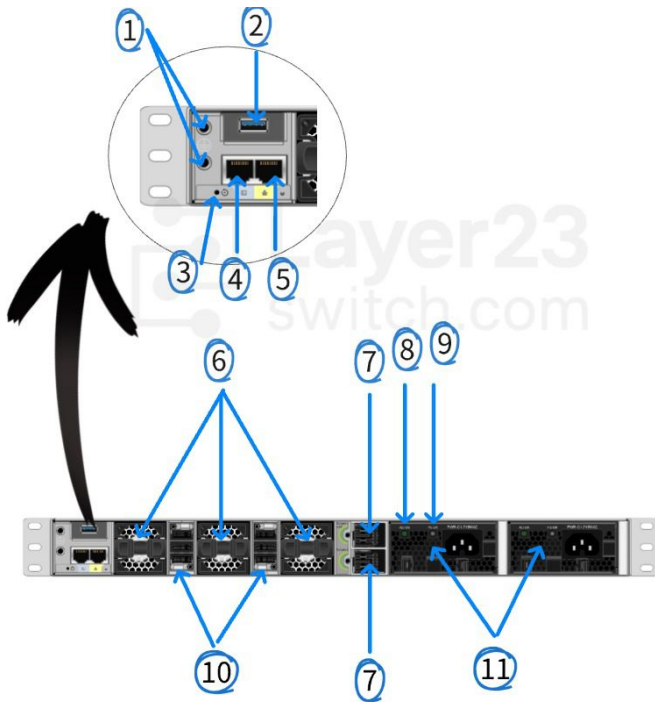
## Product Comparison

Feature	C9300L-48T-4X-E	<a href="#">C9300L-48T-4G-E</a>	<a href="#">C9300L-48P-4X-E</a>
<b>License</b>	Network Essentials	Network Essentials	Network Essentials
<b>Switching Capacity</b>	176 Gbps (496 Gbps stk)	104 Gbps (424 Gbps stk)	176 Gbps (496 Gbps stk)
<b>Forwarding Rate</b>	130.95 Mpps (369.05 Mpps stk)	77.38 Mpps (315.48 Mpps stk)	130.95 Mpps (369.05 Mpps stk)
<b>Downlink Ports</b>	48× 1 Gbps (non-PoE)	48× 1 Gbps (non-PoE)	48× 1 Gbps PoE+
<b>Uplink Ports</b>	4× 10 Gbps SFP+	4× 1 Gbps SFP	4× 10 Gbps SFP+
<b>PoE Support</b>	None	None	48× PoE+ (30 W each)
<b>Power Supply</b>	350 W AC	350 W AC	715 W AC
<b>Stacking Bandwidth</b>	320 Gbps	320 Gbps	320 Gbps

### C9300L-48T-4X-E Switch Rear Panel

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

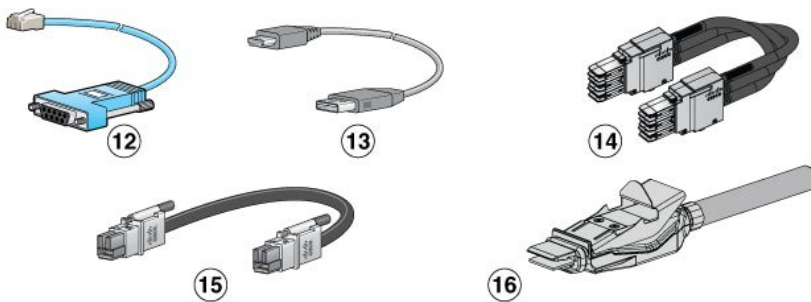
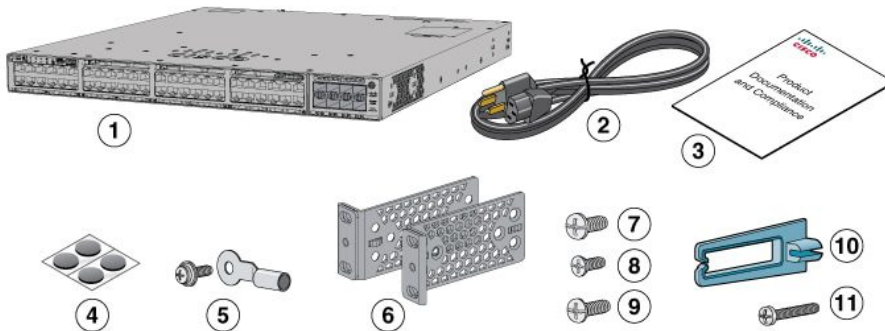
1	Ground connectors	7	StackPower connectors
2	USB3.0-SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	-	-



### 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



385477

## Specification

Parameter	Specification
Model	C9300L-48T-4X-E
Chassis	1RU fixed form factor
CPU	Quad-core x86, 2.4 GHz
DRAM	8 GB
Flash Memory	16 GB
Switching Capacity	176 Gbps standalone; 496 Gbps with StackWise-320
Forwarding Rate	130.95 Mpps standalone; 369.05 Mpps (stacked)
MAC Addresses	32 000
IPv4 Routes	32 000 (24 000 direct + 8 000 indirect)
IPv6 Routes	16 000
Multicast Scale	8 000 entries
ACL Scale	5 120 entries
QoS Scale	5 120 entries
Packet Buffer	16 MB (Gigabit Ethernet models)
VLAN IDs	4 094
SVIs	1 000
Downlink Ports	48 × 1 Gbps RJ-45 copper (non-PoE)
Uplink Ports	4 × 10 Gbps/1 Gbps SFP+ (fixed)
Primary Power Supply	PWR-C1-350WAC-P (default)
Fans	3 × field-replaceable (N+1 redundant)
Operating Temperature	-5 °C to +45 °C
Dimensions (H×W×D)	4.4 × 44.5 × 40.9 cm (chassis only); 44.9 cm w/ PSU; 48.8 cm max
Weight (w/ PSU)	15.41 lb (7.0 kg)
MTBF	380,080 hours
Software	Cisco IOS XE 16.11.1b or later (Network Essentials)
Security	802.1X, DHCP Snooping, Dynamic ARP Inspection, TrustSec
Stacking Bandwidth	320 Gbps (StackWise-320)
StackPower	Not supported (data-only model)

Parameter	Specification
Management	CLI, WebUI, Cisco DNA Center
IPv6 Support	Wire-rate hardware forwarding (16 000 routes)
Energy Efficiency	IEEE 802.3az EEE; per-port power limits
FNF Scale	64 000 flows (48-port Gigabit)
Jumbo Frames	9 198 bytes
PVST Instances	300

## Want to Buy

---

[ORDER NOW](#) [GET A QUOTE](#)

## Why Layer23-Switch.com

---

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

**200+**

Countries we Sold

**18,000+**

Customers Trusted

**\$20,000,000**

Inventory Available

**50%-98%**

Off Global List Price

**100%**

Safe Online Shopping

## Contact Us

---

- WhatsApp: [+8617181189993](https://wa.me/+8617181189993)
- Wechat: [17181189993](https://weixin.qq.com/r/17181189993)
- Email: [sales@layer23-switch.com](mailto:sales@layer23-switch.com)