C9300L-24T-4G-A DataSheet

Cisco Catalyst C9300L-24T-4G-A is a 24-port Gigabit Layer 3 access switch with 4×1G SFP uplinks. Ideal for secure campus and enterprise networks, supporting advanced automation and stacking.

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C9300L-24T-4G-A Description

Cisco Catalyst C9300L-24T-4G-A is a next-generation stackable enterprise access switch, part of the Cisco Catalyst 9300L Series, designed for secure, high-performance Gigabit network deployments. With 24 data-only 1G RJ-45 ports and four 1G SFP uplinks, this switch is optimized for scalable campus access, supporting advanced Layer 2/3 features, SD-Access, and automation. The C9300L-24T-4G-A delivers reliable, energy-efficient switching and high resiliency with StackWise-320 technology, making it ideal for modern enterprises seeking secure, cloud-ready connectivity. Synonyms: C9300L 24-Port Data Switch, Catalyst 9300L-24T-4G, Cisco 9300L Series Switch.

Quick Specs

Parameter	Details
Product Model	C9300L-24T-4G-A
Series	Cisco Catalyst 9300L
Downlink Ports	24 × 1G RJ-45 (data only)
Uplink Ports	4 × 1G SFP
Stacking Bandwidth	376 Gbps (StackWise-320)
Switching Capacity	56 Gbps

Forwarding Rate	41.66 Mpps
Default AC Power	350W AC
PoE Support	No (Data only)
Software License	Network Advantage (A)

Key Features

Product Highlights

1. **Purpose-Built for High-Performance Edge**
   Specifically engineered to serve as the digital backbone at the edge, this switch empowers modern workplaces to securely onboard hundreds of devices—without the complexity or power consumption of PoE.
2. **IT-Friendly Automation Out-of-the-Box**
   Delivers ready-to-use automation with zero-touch deployment, real-time analytics, and a cloud-managed option—making network changes, onboarding, and troubleshooting dramatically faster and less error-prone, even for lean IT teams.
3. **Long-Term Investment Protection**
   Designed for a decade of reliable service, with field-upgradable power and fan modules, exceptionally high MTBF, and full compatibility with Cisco's evolving cloud and on-premises management platforms—ensuring your network stays agile as business needs shift.
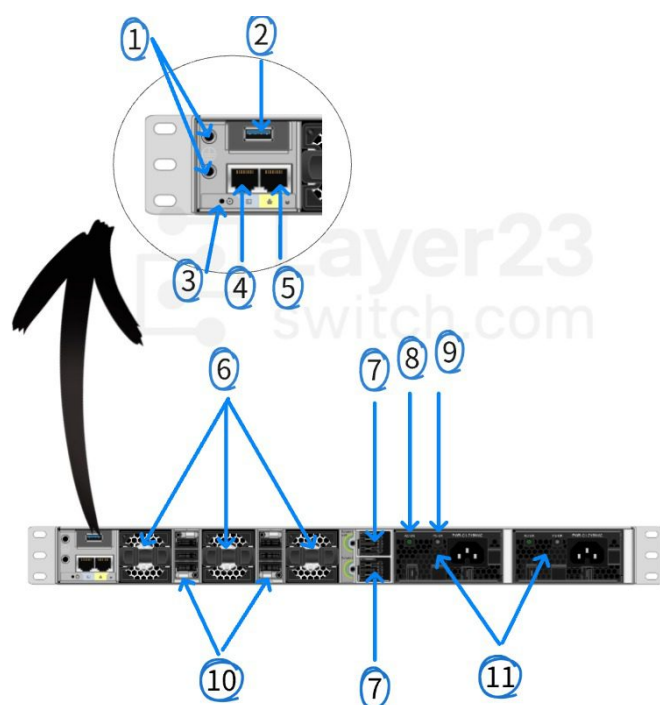
Product Comparison

Parameter	C9300L-24T-4G-A	C9300L-24T-4X-A	C9300L-24P-4G-A
Model	C9300L-24T-4G-A	C9300L-24T-4X-A	C9300L-24P-4G-A
Downlink Ports	24 × 1 G copper	24 × 1 G copper	24 × 1 G copper

Uplink Ports	4 × 1 G SFP	4 × 10 G/1 G SFP+	4 × 1 G SFP
PoE Support	No PoE	No PoE	PoE+ (505 W)
Power Supply	350 W AC	350 W AC	715 W AC
License	Network Advantage	Network Advantage	Network Advantage
Switching Capacity	56 Gbps	128 Gbps	56 Gbps
Forwarding Rate	41.66 Mpps	95.23 Mpps	41.66 Mpps
Stacking Support	StackWise-320	StackWise-320	StackWise-320
DRAM	8 GB	8 GB	8 GB
Flash	16 GB	16 GB	16 GB

Catalyst 9300 Switch Rear Panel

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

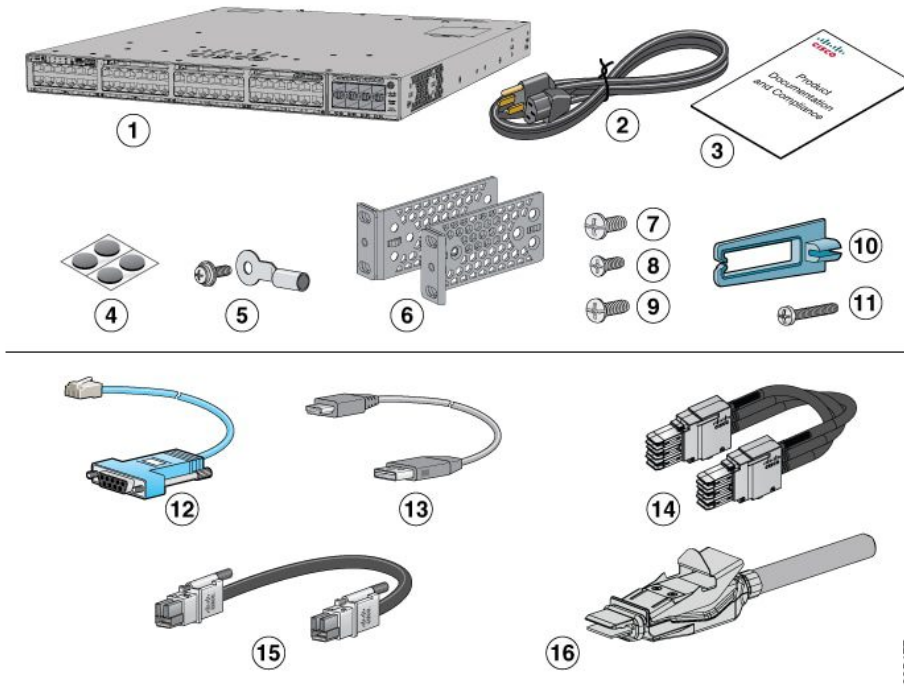| 1	Ground connectors	7	StackPower connectors
2	USB3.0–SSD port	8	AC OK (input) status LED
3	BEACON LED	9	PS OK (output) status LED
4	CONSOLE (RJ-45 console port)	10	StackWise-480 port connectors
5	MGMT (RJ-45 10/100/1000 management port)	11	Power supply modules
6	Fan modules	–	–

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	Parameter	Specification
Model Number	C9300L-24T-4G-A	License	Network Advantage
Downlink Ports	24 × 10/100/1000 Mbps copper	Uplink Ports	4 × 1 G SFP fixed
Switching Capacity	56 Gbps	Switching Capacity (Stacked)	376 Gbps
Forwarding Rate	41.66 Mpps	Forwarding Rate (Stacked)	279.76 Mpps
Stacking Support	StackWise-320	Memory (DRAM)	8 GB
Flash	16 GB	Performance ASIC	UADP 2.0
CPU & Storage	x86 CPU, USB 3.0 SSD slot	PoE	No
Power Supply	350 W AC (PWR-C1-350WAC-P)	Dimensions (HxWxD)	4.4 × 44.5 × 40.9 cm
Weight	14.93 lbs (6.78 kg)	MTBF	395,800 hours
Operating Temp.	0 °C to 45 °C	Humidity	5%–90% noncondensing

Parameter	Specification	Parameter	Specification
MAC Addresses	32,000	IPv4 Routes	32,000
IPv6 Routes	16,000	Jumbo Frames	9,198 bytes
Certifications	ROHS, FCC Part 15, EN 55032 Class A, CISPR 32	Management	RJ-45 console, RJ-45 mgmt, USB

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