

C9300-24S-E DataSheet

Cisco C9300-24S-E 24-Port 1G SFP Switch – modular uplinks, enterprise security, StackWise-480 support, advanced L2/L3 capabilities.

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C9300-24S-E Description



The Cisco C9300-24S-E is a member of the Catalyst 9300 Series, Cisco's leading stackable enterprise switch platform built for secure, scalable, and high-performance access layer deployments. This model is equipped with 24 Gigabit SFP (fiber) ports, making it ideal for fiber-rich environments, long-distance connections, or aggregation points in enterprise networks. It includes the Network Essentials (E) license, providing robust Layer 2 and baseline Layer 3 capabilities for most enterprise access applications.

Model Meaning

Part	Meaning	Description
C	Catalyst	Indicates Cisco's enterprise-class switching product line
9300	9300 Series	Modular, stackable Layer 3 enterprise access switches with advanced features
24	24 Ports	Provides 24 network ports
S	SFP Ports	All 24 ports are 1G fiber (SFP) ports, not RJ45

E	Network Essentials	Entry-level software license with Layer 2 and basic Layer 3 routing
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Key Features

Product Comparison

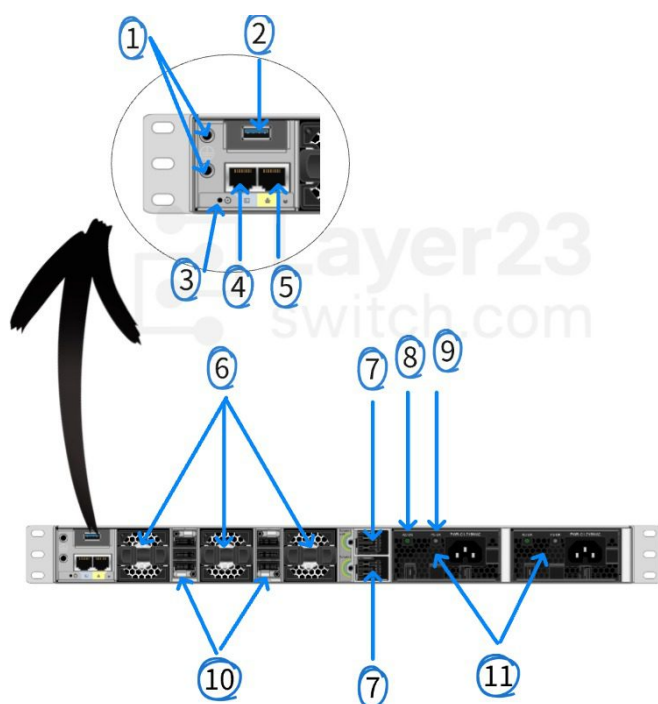
Feature	C9300-24S-E	C9300-24P-E	C9300-24T-E
Port Type	24 × 1G SFP (fiber)	24 × 1G PoE+ (copper with power)	24 × 1G RJ-45 (copper, no PoE)
Power over Ethernet	Not supported	PoE+ supported	Not supported
Use Case	Fiber-only environments	IP phones, APs, cameras (PoE needed)	General copper access (no power needed)
Ideal For	Data center, campus core	Enterprise access with powered devices	Offices with standard Ethernet needs
Uplink Modules	Modular (SFP/SFP+ options)	Modular (SFP/SFP+ options)	Modular (SFP/SFP+ options)
Software License	Network Advantage (E = Enhanced)	Network Advantage (E = Enhanced)	Network Advantage (E = Enhanced)
Stacking	StackWise-480 supported	StackWise-480 supported	StackWise-480 supported

C9300-24S-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
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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	-	-

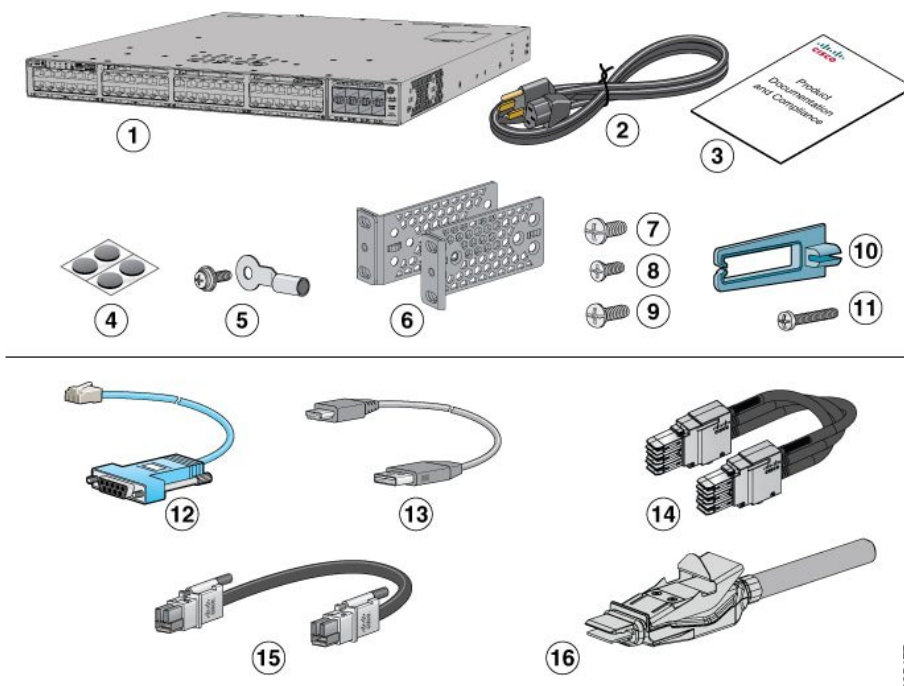


Components Delivered in the Shipping Box

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

Feature	Specification
Model	C9300-24S-E
Downlink Ports	24 x 1G SFP Fiber Ports
Uplink Module Options	Modular (e.g., C9300-NM-4G, NM-8X, NM-2Q)
Switching Capacity	208 Gbps (688 Gbps with StackWise)
Forwarding Rate	154.76 Mpps (511.90 Mpps with StackWise)

Feature	Specification
Stacking	StackWise-480, up to 8 members
Default Power Supply	PWR-C1-715WAC (no PoE)
Software	Network Essentials + Optional DNA Subscription
Operating System	Cisco IOS XE
Dimensions (H x W x D)	1.73 x 17.5 x 17.7 in (4.3 x 44.4 x 44.9 cm)
Weight	7.64 lbs (3.47 kg)
MTBF	284,130 hours
Fan and PSU	Field-replaceable redundant fans & power supply

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