



C9300-24UX-E DataSheet

Cisco C9300-24UX-E switch: 24-port 10G/mGig UPOE, 1120 Gbps stacking bandwidth, modular uplinks, and advanced Layer 3 features for enterprise access networks.

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C9300-24UX-E Description

The Cisco Catalyst C9300-24UX-E is a next-generation enterprise-class access layer switch featuring 24 multigigabit copper ports (supporting 100M/1G/2.5G/5G/10G) with UPOE support. It delivers superior performance with up to 1120 Gbps stacking bandwidth and 833 Mpps forwarding rate. Designed for high-speed wireless backhaul, smart buildings, and high-density environments, this switch supports modular uplinks, StackWise-480 technology, advanced Layer 3 features, and enhanced power delivery via Cisco UPOE.

Quick Spec

Specification	Details
Model	C9300-24UX-E
Ports	24 x mGig UPOE (10M-10G)
Switching Capacity	640 Gbps
Forwarding Rate	833.33 Mpps (stacked) / 476.19 Mpps (standalone)
PoE Standard	UPOE (Up to 60W per port)
PoE Budget	Up to 1440W (with dual PSU)

Stacking	StackWise-480, up to 8 switches
Default License	Network Essentials

Key Features

Product Comparison

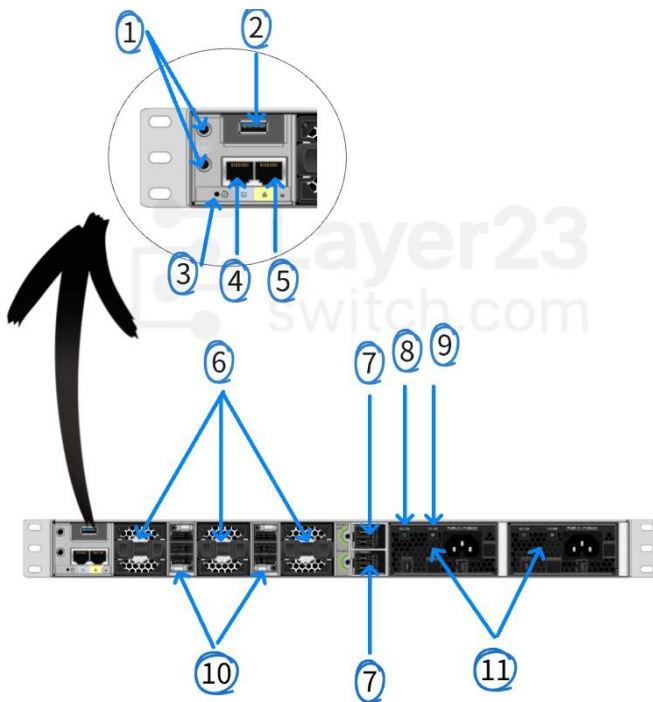
Feature	C9300-24UX-E	C9300-24U-E	C9300-48UXM-E
Ports	24 x 10G/mGig UPOE	24 x 1G UPOE	48 x 2.5G + 12 x 10G
Switching Capacity	640 Gbps	208 Gbps	580 Gbps
Forwarding Rate	833.33 Mpps	511.90 Mpps	788.69 Mpps
Stacking Bandwidth	480 Gbps	480 Gbps	480 Gbps
PoE Standard	UPOE (60W)	UPOE (60W)	UPOE (60W)
Network License	Essentials	Essentials	Essentials

C9300-24UX-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	-	-
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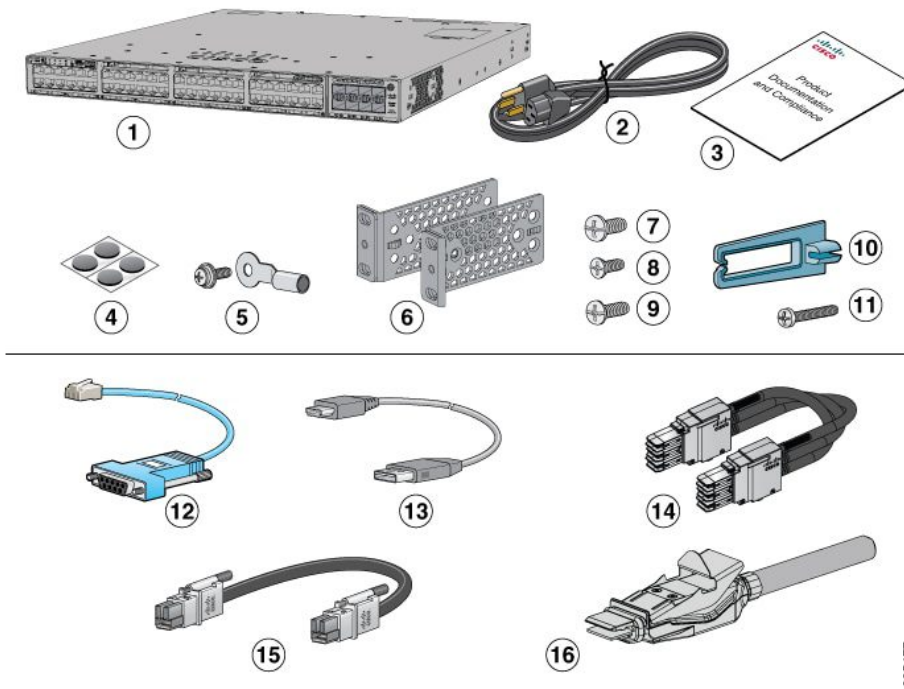


Components Delivered in the Shipping Box

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 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	Details
Model	C9300-24UX-E
Port Type	24 x Multigigabit UPOE (100M/1G/2.5G/5G/10G)
Default Software	Network Essentials
Switching Capacity	640 Gbps
Stacking Bandwidth	1120 Gbps (StackWise-480)
Forwarding Rate	833.33 Mpps
Uplink Options	Modular uplinks (e.g., C9300-NM-8X, NM-2Q)
Power Supply	PWR-C1-1100WAC Default (modular, redundant supported)
PoE Budget	Up to 1440W with secondary PSU

Feature	Details
MACsec	Supported (hardware encryption)
Stacking Support	StackWise-480, up to 8 units
Dimensions (HxWxD)	4.4 x 44.5 x 51.3 cm
Weight	Approx. 7.2 kg
MTBF	214,760 hours
Operating Temperature	0°C to 45°C
Buffer Size	32 MB
Memory (DRAM/Flash)	8 GB / 16 GB
Jumbo Frame Support	9198 bytes
VLAN IDs	4094
SVIs Supported	Up to 1000

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