

## C9300-24H-A DataSheet

Cisco Catalyst C9300-24H-A switch with 24x UPOE+ ports, modular uplinks, 688Gbps stacking bandwidth, and advanced power support for high-demand enterprise networks.

[READ MORE](#)



### C9300-24H-A Description

The Cisco Catalyst C9300-24H-A is a next-generation enterprise-class switch, featuring 24 ports of Cisco UPOE+ with 90W support per port. Built to power high-demand devices such as access points, digital signage, and IoT endpoints, it delivers enhanced performance, reliability, and security. With StackWise-480 support, it offers 688 Gbps stacking bandwidth and full modular uplink flexibility. Ideal for digital building and smart office deployments, the C9300-24H-A is part of Cisco's flagship Catalyst 9300 Series designed for scalable and secure access switching.

### Model Meaning

Component	Meaning	Description
<b>C</b>	Catalyst	Cisco's enterprise-grade switching series
<b>9300</b>	Catalyst 9300 Series	Designed for enterprise access, supporting advanced L2/L3 features and stacking
<b>24</b>	24 Ports	24 downlink ports for data and power connectivity
<b>H</b>	High-Power UPOE+	Supports Cisco UPOE+ (90W per port), ideal for powering high-demand endpoints
<b>A</b>	Network Advantage License	Includes advanced Layer 3 features and security; upgrade over Network Essentials

## Key Features

## Product Comparison

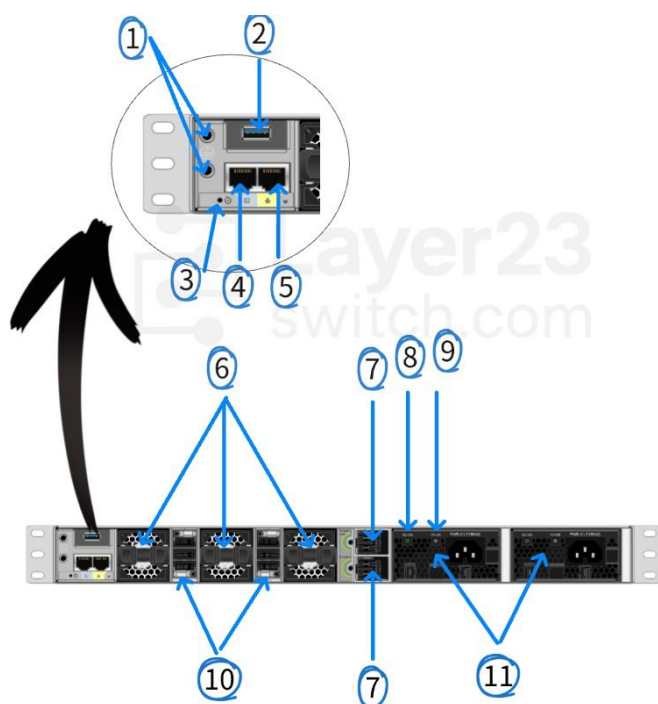
Feature / Model	C9300-24H-A	<a href="#">C9300-24U-A</a>	<a href="#">C9300L-24P-4G-A</a>
<b>Series</b>	Catalyst 9300	Catalyst 9300	Catalyst 9300L (Fixed uplink version)
<b>Ports</b>	24 × UPOE+ (up to 90W per port)	24 × UPOE (up to 60W per port)	24 × PoE+ (up to 30W per port)
<b>Power Budget</b>	1100W default PSU, supports high-power IoT	1100W default PSU	715W default PSU
<b>Uplink Type</b>	Modular uplinks (1G/10G/25G/40G)	Modular uplinks (1G/10G/25G/40G)	Fixed uplinks (4 × 1G SFP)
<b>Stacking Support</b>	StackWise-480 (up to 480 Gbps)	StackWise-480	StackWise-320 (up to 320 Gbps)
<b>Software License (A)</b>	Network Advantage	Network Advantage	Network Advantage
<b>Use Case Focus</b>	High-power smart devices (lighting, cameras, etc.)	Standard UPOE environments (phones, APs, thin clients)	Cost-effective PoE+ for SMB or branch
<b>Recommended For</b>	Smart buildings, Wi-Fi 6E, industrial PoE++	Unified communications, IoT, AP deployments	Branch/retail networks, budget-conscious PoE setups

## 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	-	-

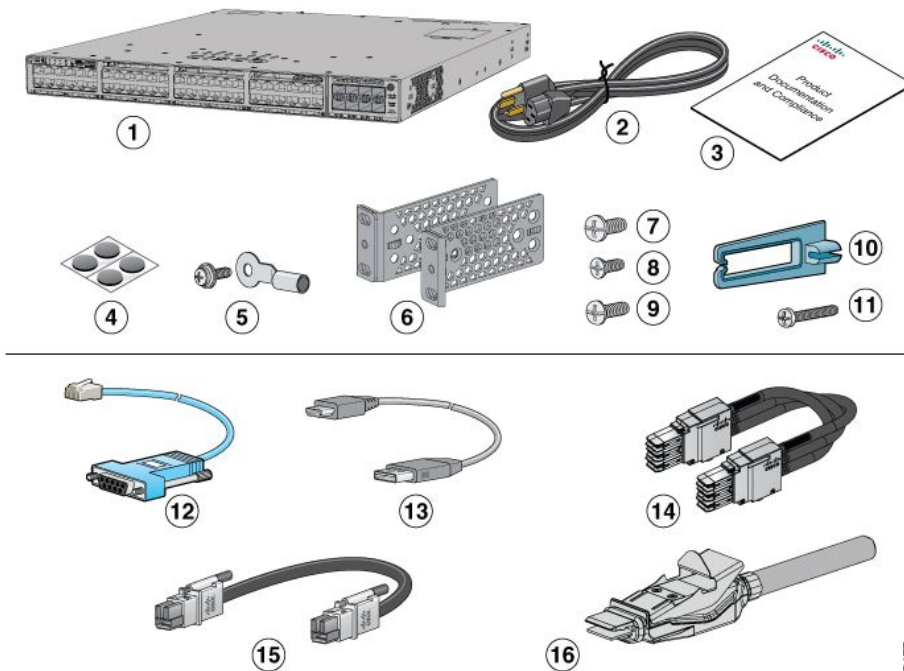


## Components Delivered in the Shipping Box

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



## Specification

Specification	Detail
Model	C9300-24H-A
Port Configuration	24 x Cisco UPOE+ ports (10/100/1000 Mbps, up to 90W per port)
Default Power Supply	1100W AC (PWR-C1-1100WAC-P)
Modular Uplink Support	Yes, supports C9300-NM series modules (e.g., 4x1G, 4x10G, 2x40G)
Stacking Technology	StackWise-480
Stacking Bandwidth	480 Gbps

Specification	Detail
Switching Capacity	208 Gbps
Forwarding Rate	154.76 Mpps
StackPower Support	Yes, power stacking supported
MAC Address Table Size	32,000 entries
IPv4 Routes	32,000 (24,000 direct + 8,000 indirect)
QoS Entries	5,120
ACL Entries	5,120
Packet Buffer Size	16 MB
DRAM	8 GB
Flash Memory	16 GB
USB Ports	1 x USB 2.0, 1 x USB 3.0 for external SSD (optional)
App Hosting	Supported
Power Consumption (Max)	Approx. 1045W with PoE load (230V, full traffic)
MTBF	238,410 hours
Dimensions (HxWxD)	1.73 x 17.5 x 19.2 inches (4.4 x 44.5 x 48.8 cm)
Weight	16.63 lbs (7.54 kg)
Operating Temperature	-5°C to +45°C
Operating Humidity	5% to 90% non-condensing
Software	Cisco IOS XE; Supports DNA Essentials/Advantage
Security Features	MACsec-256, ETA, Trust Anchor, IPsec (with HSEC license)
Management	CLI, WebUI, Meraki Dashboard (optional), Cisco DNA Center

## 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://wechat.com/17181189993)
- Email: [sales@layer23-switch.com](mailto:sales@layer23-switch.com)