

CISCO · CATALYST 9300 SWITCHES

C9300X-24Y-A

24x25G/10G/1G SFP28 Ports · Modular Uplink · Network Advantage

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C9300X-24Y-A
Category	Catalyst 9300 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



Scan for price and stock

200+

Countries Served

18,000+

Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty



CISCO · CATALYST 9300 SWITCHES

C9300X-24Y-A

24x25G/10G/1G SFP28 Ports · Modular Uplink · Network Advantage

The C9300X-24Y-A is a Cisco Catalyst 9300X Series stackable fiber switch for aggregation points that need Network Advantage routing and segmentation. The switch carries 24 SFP28 ports at 25G, 10G or 1G with no PoE, a modular uplink slot that accepts up to four 100G ports, and 2,000 Gbps of switching capacity under Network Advantage.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Ordering note C9300X-24Y-A is ordered with a mandatory 3-year Cisco DNA Advantage subscription (C9300-DNA-A). We include it in your quote.

Specifications

Product ID	C9300X-24Y-A	Network license	Network Advantage, perpetual and included with the hardware
Downlink ports	24 x 25G/10G/1G SFP28	PoE	Not a PoE switch (data only)
SFP transceiver connector	LC fiber connectors	Uplink slot	Modular slot for C9300X-NM network modules; no module in the default hardware configuration
Supported network modules	C9300X-NM-8M, C9300X-NM-8Y, C9300X-NM-2C, C9300X-NM-4C	Network module slot rule	Operate with a network module or a blank module installed
Management port	10/100/1000 RJ-45	Console port	RJ-45 console port and USB mini-Type B console port
USB port	USB Type A and USB Type C, USB 3.0, 900 mA at 5 V	SSD storage	Pluggable 120 GB or 240 GB USB 3.0 SSD module
Switching capacity	2,000 Gbps	Switching capacity with stacking	3,000 Gbps
Forwarding rate	1,488 Mpps	Forwarding rate with stacking	2,232 Mpps
Packet buffer	32 MB	Flexible NetFlow entries	128,000 flows
DRAM	16 GB	Flash	16 GB
Hardware-based IPsec	Up to 100G, AES-256; requires an HSEC key and the Cisco Catalyst or Cisco DNA Advantage tier	App hosting capacity	2x the hosting resources of Catalyst 9300 models, Intel QuickAssist Technology, 2x 10G AppGig ports
MAC addresses	32,000	IPv4 routes	39,000 (24,000 direct routes, 15,000 indirect routes)
IPv6 routes	19,500	Multicast routes	8,000
QoS entries	4,000	ACL entries	8,000
VLAN IDs	4094	PVST instances	300
STP virtual ports (PVST/MST)	13,000	Switched virtual interfaces	1,000

Jumbo frames	9198 bytes	Total routed ports per stack	448
Stacking	StackWise-1T, 1 Tbps, up to 8 members	Mixed stacking	StackWise-480 speeds with standard Catalyst 9300 (non-X) members; not supported with higher-scale C9300-24UB, C9300-24UXB or C9300-48UB; all members share one license level
StackPower	StackPower+; up to 4 switches per ring, 8 with XPS-2200	Network Advantage feature set	BGP, EIGRP, HSRP, IS-IS, OSPF; VRF, VXLAN, LISP, Cisco TrustSec, SGT, MPLS, mVPN; NETCONF, RESTCONF, gRPC, YANG; NSF, GR, xFSU; AVB, PTP; MACsec-256
Default power supply	PWR-C1-715WAC-P (715W AC, Platinum-rated)	Power supply slots	2; dual redundant power supplies supported
Secondary power supply options	350W, 715W, 1100W or 1900W AC; no PoE in any combination	Default supply input voltage	100 to 240 VAC, 47 to 63 Hz
Default supply input current	10-5A	Default supply inlet	IEC 320-C16
Default supply total output BTU	2,440 BTU/hr	Default supply power cord rating	15A
Measured power at full traffic, no network module (115 VAC)	221.2W	Weighted average power, no network module (115 VAC)	198.2W
Measured power with no link, no network module (115 VAC)	142W	Measured power at full traffic with C9300X-NM-8M (115 VAC)	247.7W
Measured power at full traffic with C9300X-NM-2C (115 VAC)	247.7W	Measured power at full traffic with C9300X-NM-8Y (115 VAC)	248.3W
Measured power at full traffic with C9300X-NM-4C (115 VAC)	275W	Fan modules	Three field-replaceable fans with N+1 redundancy
Fan module	FAN-T2=	Fan module airflow	20 cfm
Airflow	Front-to-rear and side-to-rear	Operating temperature	-5°C to 45°C (23°F to 113°F)
Minimum cold-start temperature	0°C (32°F)	Storage temperature	-40°C to 70°C (-40°F to 158°F)
Operating humidity	5% to 90%, noncondensing	Operating altitude	Up to 10,000 ft (3000 m)
Storage altitude	Up to 15,000 ft (4500 m)	Dimensions, chassis only (H x W x D)	1.73 x 17.5 x 17.6 in (4.4 x 44.5 x 44.7 cm)
Dimensions with default power supply (H x W x D)	1.73 x 17.5 x 19.2 in (4.4 x 44.5 x 48.8 cm)	Dimensions with 1100W power supply (H x W x D)	1.73 x 17.5 x 20.7 in (4.4 x 44.5 x 52.6 cm)
Weight with default power supply	7.35 kg (16.2 lb)	MTBF	249,350 hours
Safety certifications	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950.1	EMC certifications	47 CFR Part 15, EN 55032 Class A, CISPR 32 Class A, EN 55035, CISPR 35, EN 300 386, EN 61000-3-2, EN 61000-3-3, ICES-003 Class A, CNS13438, KN32, KN35, TCVN 7189 Class A, TCVN 7317

Environmental compliance	RoHS 5	IEEE standards	802.1D, 802.1p, 802.1Q, 802.1s, 802.1w, 802.1x, 802.3, 802.3u, 802.3ab, 802.3z, 802.3ad, 802.3ae, 802.3an, 802.3bz
Management standards	SNMPv1, SNMPv2c, SNMPv3, RMON I and II	Minimum software release	Cisco IOS XE Bengaluru 17.5.1
Minimum release with C9300X-NM-4C	Cisco IOS XE Bengaluru 17.6.1		

Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	C9300X-NM-8Y	8x25G/10G/1G SFP28 Module - Catalyst 9300X
Network Module	C9300X-NM-2C	2x100G/40G QSFP28 Module - Catalyst 9300X
Network Module	C9300X-NM-4C	4x100G/40G QSFP28 Module - Catalyst 9300X
Network Module	C9300X-NM-8M	8x10G/mGig Copper Module - Catalyst 9300X
Power Supply / Fan	PWR-C1-715WAC-P	715W AC PSU - Catalyst 9300 C1 - Platinum Rated
Power Supply / Fan	PWR-C1-1100WAC-P	1100W AC PSU - Catalyst 9300 C1 - Platinum Rated
Optics	SFP-10G-SR	10GBASE-SR SFP+ - 850nm MMF - 400m OM4
Optics	SFP-10G-LR	10GBASE-LR SFP+ - 1310nm SMF - 10km Reach
Optics	SFP-25G-SR-S	25GBASE-SR SFP28 - 850nm MMF - 100m OM4
Optics	SFP-10/25G-LR-S	10/25GBASE-LR SFP28 - 10 km G.652 SMF - 0 to 70°C Commercial Temperature
Optics	QSFP-40G-SR4	40G SR4 QSFP - MPO-12 MMF - 4x10G Breakout
Optics	QSFP-40G-SR-BD	40G SR-BiDi QSFP - LC MMF - 150m OM4
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Cable / Stacking Kit	STACK-T1-50CM	50cm Type 1 StackWise Cable - C9300/C9300X Data Stack - 480G/1T

Get Price and Availability for C9300X-24Y-A

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

[Request a Quote](#)

[View Product Page](#)



Email sales@layer23-switch.com WhatsApp +86 171 8118 9993 WeChat [layer23-switch](https://t.me/layer23-switch) Telegram [@layer23_switch](https://t.me/layer23_switch)

Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.