TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 9300L 24-port Gigabit/ Multigigabit UPOE switch, 4x 10G SFP+ uplinks, Network Advantage

Catalyst 9300L fixed-uplink enterprise access switch - 24x Cisco UPOE ports, 4x 10G SFP+ uplinks, 880W PoE budget

SKU C9300L-24UXG-4X-A | 1U | Cisco

DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
24x Cisco UPOE ports: 8x Multigigabit ...	272 Gbps	4.4 x 44.5 x 40.9 cm (1.73 x 17.5 x 16...	On request

ISO 9001 · ISO 14001 · ISO 27001

REQUEST A QUOTATION ONLINE

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01 Product overview

The Cisco C9300L-24UXG-4X-A is a Catalyst 9300L fixed-uplink enterprise access switch that provides 24x Cisco UPOE ports: 8x Multigigabit (100M-10G) + 16x 10/100/1000 and 4x 1/10G SFP+ fixed uplinks, with a 880 W Cisco UPOE (60W) power budget for phones, wireless access points and cameras. It delivers 272 Gbps of switching capacity and a forwarding rate of 202.38 Mpps, ensuring wire-speed performance for everyday business traffic.

The Catalyst 9300L delivers the Catalyst 9300 feature set - Cisco IOS XE, UADP 2.0 forwarding, SD-Access, MACsec and Catalyst Center automation - with fixed uplinks for deployments that do not need modular network modules. StackWise-320 stacking, field-replaceable platinum-rated power supplies and fans, and full Layer 3 routing make it a strong fit for enterprise wiring closets that want Catalyst 9300-class software at a lower entry point.

This part number ships with the Network Advantage software license; Network Advantage adds advanced routing, segmentation and high-availability capabilities on top of Network Essentials. A Cisco DNA / Catalyst subscription is ordered together with the switch. It is well suited to enterprise wiring closets, branch offices and campus access layers where powered endpoints such as IP phones, Wi-Fi access points and security cameras need to be supported. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

KEY SPECIFICATIONS

Manufacturer part number	**C9300L-24UXG-4X-A**
Series	**Catalyst 9300L**
Switch type	**Layer 3 (Cisco IOS XE)**
Downlink ports	**24x Cisco UPOE ports: 8x Multigigabit (100M-10G) + 16x 10/100/1000**
Uplinks	**4x 1/10G SFP+ fixed uplinks**
PoE standard	**Cisco UPOE (60W)**
PoE budget	**880 W (single default power supply)**
Switching capacity	**272 Gbps**
Forwarding rate	**202.38 Mpps**
MAC address table	**32,000**
VLANs	**4,094**
Jumbo frames	**9,198 bytes**

HIGHLIGHTS

- 24x Cisco UPOE ports: 8x Multigigabit (100M-10G) + 16x 10/100/1000 with 880 W Cisco UPOE (60W) budget
- 4x 1/10G SFP+ fixed uplinks
- 272 Gbps switching capacity, 202.38 Mpps forwarding rate
- Catalyst 9300 software and security feature set with fixed uplinks
- StackWise-320 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)

02 Full specifications

GENERAL	
Manufacturer part number	C9300L-24UXG-4X-A
Series	Catalyst 9300L
Switch type	Layer 3 (Cisco IOS XE)
License tier	Network Advantage (Cisco DNA / Catalyst subscription ordered separately)

PORTS	
Downlink ports	24x Cisco UPOE ports: 8x Multigigabit (100M-10G) + 16x 10/100/1000
Uplinks	4x 1/10G SFP+ fixed uplinks

POWER OVER ETHERNET

PoE standard	Cisco UPOE (60W)
PoE budget	880 W (single default power supply)

PERFORMANCE

Switching capacity	272 Gbps
Forwarding rate	202.38 Mpps
MAC address table	32,000
VLANs	4,094
Jumbo frames	9,198 bytes
Routing scale	32,000 IPv4 (24,000 direct + 8,000 indirect); 16,000 IPv6

HARDWARE

DRAM	8 GB
Flash	16 GB
Stacking	StackWise-320 (320 Gbps), up to 8 switches

POWER

Power supply	PWR-C1-1100WAC-P (1100W AC) platinum, field-replaceable, dual redundant slots, StackPower

PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 40.9 cm (1.73 x 17.5 x 16.1 in) chassis
Weight	7.13 kg (15.73 lb)
Cooling	Field-replaceable redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	332,640 hours

WARRANTY

Warranty	Enhanced Limited Lifetime Warranty (E-LLW)

03 Engineered, delivered & supported by ServerInvest

Engineering & sizing
Selected and sized against your real IT load, room and redundancy targets.

Installation
Delivery, installation and commissioning by our engineers across Europe.

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ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

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