TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 9300LM 48-port Gigabit/ Multigigabit UPOE switch, 4x 25G SFP28 uplinks, Network Essentials

Catalyst 9300LM short-depth enterprise access switch with 25G uplinks - 48x Cisco UPOE ports, 4x 25G SFP28 uplinks, 790W PoE budget

SKU C9300LM-48UX-4Y-E | 1U | Cisco

DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
48x Cisco UPOE ports: 8x 10G Multigiga...	440 Gbps	4.4 x 44.5 x 33.1 cm (1.73 x 17.50 x 1...	On request

ISO 9001 · ISO 14001 · ISO 27001

REQUEST A QUOTATION ONLINE

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01 Product overview

The Cisco C9300LM-48UX-4Y-E is a Catalyst 9300LM short-depth enterprise access switch with 25G uplinks that provides 48x Cisco UPOE ports: 8x 10G Multigigabit + 40x 10/100/1000 and 4x 1/10/25G SFP28 fixed uplinks, with a 790 W Cisco UPOE (60W) power budget for phones, wireless access points and cameras. It delivers 440 Gbps of switching capacity and a forwarding rate of 327.36 Mpps, ensuring wire-speed performance for everyday business traffic.

The Catalyst 9300LM is a shorter-depth member of the Catalyst 9300 family with four fixed 25G SFP28 uplinks. It keeps the Cisco IOS XE software, UADP-based forwarding, SD-Access support, MACsec security and StackWise-320 stacking of its larger siblings, while its compact chassis suits shallow racks and space-constrained wiring closets.

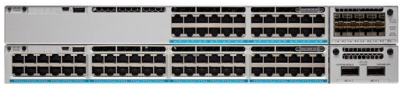
This part number ships with the Network Essentials software license; Network Essentials covers the Layer 2 and Layer 3 access feature set, with an upgrade path to Network Advantage. A Cisco DNA / Catalyst subscription is ordered together with the switch. It is well suited to enterprise wiring closets, 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	**C9300LM-48UX-4Y-E**
Series	**Catalyst 9300LM**
Switch type	**Layer 3 (Cisco IOS XE)**
Downlink ports	**48x Cisco UPOE ports: 8x 10G Multigigabit + 40x 10/100/1000**
Uplinks	**4x 1/10/25G SFP28 fixed uplinks**
PoE standard	**Cisco UPOE (60W)**
PoE budget	**790 W (single default power supply)**
Switching capacity	**440 Gbps**
Forwarding rate	**327.36 Mpps**
MAC address table	**32,000**
VLANs	**4,094**
Jumbo frames	**9,198 bytes**

HIGHLIGHTS

- 48x Cisco UPOE ports: 8x 10G Multigigabit + 40x 10/100/1000 with 790 W Cisco UPOE (60W) budget
- 4x 1/10/25G SFP28 fixed uplinks
- 440 Gbps switching capacity, 327.36 Mpps forwarding rate
- Short-depth chassis with 4x 25G SFP28 uplinks
- StackWise-320 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)



02 Full specifications

GENERAL	
Manufacturer part number	C9300LM-48UX-4Y-E
Series	Catalyst 9300LM
Switch type	Layer 3 (Cisco IOS XE)

License tier	Network Essentials (Cisco DNA / Catalyst subscription ordered separately)

PORTS

Downlink ports	48x Cisco UPOE ports: 8x 10G Multigigabit + 40x 10/100/1000
Uplinks	4x 1/10/25G SFP28 fixed uplinks

POWER OVER ETHERNET

PoE standard	Cisco UPOE (60W)
PoE budget	790 W (single default power supply)

PERFORMANCE

Switching capacity	440 Gbps
Forwarding rate	327.36 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-C6-1KWAC (1000W AC), field-replaceable, dual redundant slots

PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 33.1 cm (1.73 x 17.50 x 13.03 in) chassis
Weight	5.45 kg (12 lb)
Cooling	Field-replaceable redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	292,410 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
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