

TECHNICAL DATASHEET

CISCO • NETWORKING

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

Catalyst 9300LM short-depth enterprise access switch with 25G uplinks - 48x 10/100/1000 RJ-45 data ports, 4x 25G SFP28 uplinks

SKU C9300LM-48T-4Y-E

1U

Cisco



DOWNLINK PORTS

48x 10/100/1000 RJ-45
data ports

SWITCHING CAPACITY

296 Gbps

DIMENSIONS

4.4 x 44.5 x 27.5 cm (1.73
x 17.50 x 1...

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-c9300lm-48t-4y-e



01 Product overview

The Cisco C9300LM-48T-4Y-E is a Catalyst 9300LM short-depth enterprise access switch with 25G uplinks that provides 48x 10/100/1000 RJ-45 data ports and 4x 1/10/25G SFP28 fixed uplinks. It delivers 296 Gbps of switching capacity and a forwarding rate of 220.22 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. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

KEY SPECIFICATIONS

Manufacturer part number	C9300LM-48T-4Y-E
Series	Catalyst 9300LM
Switch type	Layer 3 (Cisco IOS XE)
Downlink ports	48x 10/100/1000 RJ-45 data ports
Uplinks	4x 1/10/25G SFP28 fixed uplinks
Switching capacity	296 Gbps
Forwarding rate	220.22 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
DRAM	8 GB

HIGHLIGHTS

- 48x 10/100/1000 RJ-45 data ports
- 4x 1/10/25G SFP28 fixed uplinks
- 296 Gbps switching capacity, 220.22 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-48T-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 10/100/1000 RJ-45 data ports
Uplinks	4x 1/10/25G SFP28 fixed uplinks

PERFORMANCE

Switching capacity	296 Gbps
Forwarding rate	220.22 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-C6-600WAC (600W AC), field-replaceable, dual redundant slots
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PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 27.5 cm (1.73 x 17.50 x 10.84 in) chassis
Weight	4.99 kg (11 lb)
Cooling	Field-replaceable redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	408,710 hours

WARRANTY

Warranty	Enhanced Limited Lifetime Warranty (E-LLW)
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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.

Certified processes

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

Service & support

Maintenance, spare parts and support from a single partner.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
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