

TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 9200L 48-port Gigabit switch, 4x 10G SFP+ uplinks, Network Essentials

Catalyst 9200L fixed-uplink campus access switch - 48x 10/100/1000 RJ-45 data ports, 4x 10G SFP+ uplinks

SKU C9200L-48T-4X-E

1U

Cisco



DOWNLINK PORTS

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

SWITCHING CAPACITY

176 Gbps

DIMENSIONS

4.4 x 44.5 x 28.8 cm (1.73
x 17.5 x 11...

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-c9200l-48t-4x-e



01 Product overview

The Cisco C9200L-48T-4X-E is a Catalyst 9200L fixed-uplink campus access switch that provides 48x 10/100/1000 RJ-45 data ports and 4x 1/10G SFP+ fixed uplinks. It delivers 176 Gbps of switching capacity and a forwarding rate of 130.95 Mpps, ensuring wire-speed performance for everyday business traffic.

The Catalyst 9200L variants keep the Cisco IOS XE software foundation of the Catalyst 9000 family while using fixed uplinks and a shallower chassis, making them a cost-optimised choice for wiring closets and branch offices. They support Layer 3 routing, StackWise-80 stacking, field-replaceable power supplies, Cisco DNA Center/Catalyst Center automation and the Cisco Trustworthy Solutions security stack, including secure boot and signed images.

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	C9200L-48T-4X-E
Series	Catalyst 9200L
Switch type	Layer 3 (Cisco IOS XE)
Downlink ports	48x 10/100/1000 RJ-45 data ports
Uplinks	4x 1/10G SFP+ fixed uplinks
Switching capacity	176 Gbps
Forwarding rate	130.95 Mpps
MAC address table	16,000
VLANs	4,094
Jumbo frames	9,198 bytes
Routing scale	11,000 IPv4 (ARP + learned); 3,000 IPv4 routing entries
DRAM	2 GB

HIGHLIGHTS

- 48x 10/100/1000 RJ-45 data ports
- 4x 1/10G SFP+ fixed uplinks
- 176 Gbps switching capacity, 130.95 Mpps forwarding rate
- Cisco IOS XE with Catalyst Center (DNA Center) automation and assurance
- StackWise-80 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)



02 Full specifications

GENERAL

Manufacturer part number	C9200L-48T-4X-E
Series	Catalyst 9200L
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 1/10G SFP+ fixed uplinks

PERFORMANCE

Switching capacity	176 Gbps
Forwarding rate	130.95 Mpps
MAC address table	16,000
VLANs	4,094
Jumbo frames	9,198 bytes
Routing scale	11,000 IPv4 (ARP + learned); 3,000 IPv4 routing entries

HARDWARE

DRAM	2 GB
Flash	4 GB
Stacking	StackWise-80 (80 Gbps), up to 8 switches

POWER

Power supply	PWR-C5-125WAC (125W AC), field-replaceable, dual redundant slots
Power consumption (typical/system)	48.28 W

PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 28.8 cm (1.73 x 17.5 x 11.3 in)
Weight	4.53 kg (9.97 lb)
Cooling	Fixed redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	503,400 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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