

## Cisco Catalyst 9200L(C9200L-48P-4X-E)

Cisco Catalyst 9200L - Network Essentials - switch - L3 - Managed - 48 x 10/100/1000 (PoE+) + 4 x 10 Gigabit SFP+ - rack-mountable - PoE+

The Cisco Catalyst 9200 Series switch can help customers simplify complexity, optimize IT, and reduce operational costs by leveraging intelligence, automation and human expertise. This switch provides security features that protect the integrity of the hardware as well as the software and all data that flows through the switch. It provides resiliency that keeps your business up and running seamlessly. The C9200L-48P-4X-E model has 48 ports 1G PoE+ with 4x 10G SFP+ fixed uplinks. Licensing is required.



## Main Specifications

Product Description	Cisco Catalyst 9200L - Network Essentials - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE+
Performance	Stacking bandwidth: 80 Gbps   Switching capacity: 176 Gbps   Forwarding rate: 261.9 Mpps
Capacity	Virtual networks: 1   MAC addresses: 16000   IPv4 routes: 11000   IPv4 routing table entries: 3000   IPv6 routing table entries: 1500   Multicast scale: 1000   ACL scale entries: 1500   FNF entries: 16000   Switched virtual interfaces (SVIs): 512   Queues per port (egress): 8
Jumbo Frame Support	9198 bytes
Routing Protocol	OSPF, RIP, VRRP, policy-based routing (PBR), MSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP 3, SNMP 2c, NETCONF, RESTCONF
Features	EIGRP Stub Routing, Rapid Per-VLAN Spanning Tree Plus (PVRST+), Shaped Round Robin (SRR), Remote Switch Port Analyzer (RSPAN), Class of Service (CoS), Flexible NetFlow (FNF), DiffServ Code Point (DSCP) support, MACsec support, 6MB packet buffer, Control plane protection (CoPP), Source-Specific Multicast (SSM), Blue Beacon LED, Energy-Efficient Ethernet (EEE), Switched Port Analyzer (SPAN), Embedded Event Manager (EEM), Protocol Independent Multicast (PIM), First Hop Security (FHS), PVLAN support, Superior QoS, Committed Information Rate (CIR)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3at, IEEE 802.3bz
Power	AC 100-240 V - power supply not installed
Dimensions (WxDxH)	44.5 cm x 4.4 cm x 28.8 cm
Weight	5.5 kg
Manufacturer Warranty	Limited lifetime warranty

## Extended Specification

### General

Device Type	Switch - 48 ports - L3 - Managed
Enclosure Type	Rack-mountable

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Capacity	Virtual networks:1 MAC addresses:16000 IPv4 routes:11000 IPv4 routing table entries:3000 IPv6 routing table entries:1500 Multicast scale:1000 ACL scale entries:1500 FNF entries:16000 Switched virtual interfaces (SVIs):512 Queues per port (egress):8
Jumbo Frame Support	9198 bytes
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Remote Management Protocol	SNMP 1,RMON 1,RMON 2,SNMP 3,SNMP 2c,NETCONF,RESTCONF
Features	EIGRP Stub Routing,Rapid Per-VLAN Spanning Tree Plus (PVRST+),Shaped Round Robin (SRR),Remote Switch Port Analyzer (RSPAN),Class of Service (CoS),Flexible NetFlow (FNF),DiffServ Code Point (DSCP) support,MACsec support,6MB packet buffer,Control plane protection (CoPP),Source-Specific Multicast (SSM),Blue Beacon LED,Energy-Efficient Ethernet (EEE),Switched Port Analyzer (SPAN),Embedded Event Manager (EEM),Protocol Independent Multicast (PIM),First Hop Security (FHS),PVLAN support,Superior QoS,Committed Information Rate (CIR)
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RAM	2 GB
Flash Memory	4 GB
Built-in Devices	RFID tag

## Expansion / Connectivity

Interfaces	48 x 1000Base-T RJ-45 PoE+ 4 x 10GBase-X SFP+
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## Power

Power Device	Internal power supply (not installed)
Max Supported Qty	2
Voltage Required	AC 100-240 V

## Miscellaneous

MTBF	346,270 hours
Compliant Standards	Plug and Play,CISPR 22 Class A,CISPR 24,EN 61000-3-2,EN 61000-3-3,EN55024,AS/NZS 60950-1,ICES-003 Class A,FCC CFR47 Part 15,UL 60950-1,IEC 60950-1,EN 60950-1,AES-128,RoHS,CNS 13438,EN 55022 Class A,EN 300 386,KN32,KN35,EN 55032 Class A,CISPR 32 Class A,CAN/CSA-C22.2 No. 60950-1,TCVN 7189 Class A,V-3 Class A,TCVN 7317

## Dimensions & Weight

Width	44.5 cm
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Depth	4.4 cm
Height	28.8 cm
Weight	5.5 kg

**Manufacturer Warranty**

Service &Support                      Limited warranty - advance parts replacement - lifetime - response time:next business day

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet