

Cisco Catalyst 9200L - Network Essentials - switch - 48 ports - Managed - rack-mountable (C9200L-48T-4X-E)

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

The Cisco Catalyst 9200 Series switches extend the power of intent-based networking and Catalyst 9000 hardware and software innovation to a broader set of deployments. With its family pedigree, Catalyst 9200 Series switches offer simplicity without compromise – it is secure, always on, and IT SIMPLIFIED.



Product Features

- CONFIGURATION
- 48 x 10/100/1000M Ethernet, 4 x 10G SFP+ uplinks
- IT SIMPLIFIED
- Catalyst 9200 Series switches simplify complexity, optimize IT, and reduce operational costs with Cisco UADP ASIC and Cisco IOS XE providing consistency, intelligence and automation
- SECURE
- Enhanced security with MACsec encryption, full flexible NetFlow, and trustworthy solutions that protect the integrity of the hardware as well as the software and all data that flows through the switch
- ALWAYS-ON
- Differentiated resiliency with Field-Replaceable Units (FRU) and redundant power supplies, redundant fans, 80 Gbps backplane stacking, and layer 3 support
- MANAGEMENT
- Choice of CLI, Cisco Catalyst Center (formerly Cisco DNA Center) on-premises management, or cloud monitoring for Catalyst on Meraki dashboard

Main Specifications

Product Description	Cisco Catalyst 9200L - Network Essentials - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 10 Gigabit SFP+ (uplink)
Performance	Stacking bandwidth: 80 Gbps Switching capacity: 176 Gbps Forwarding rate: 261.9 Mpps
Capacity	Virtual networks: 1 IPv4 routes: 11000 IPv4 routing table entries: 3000 IPv6 routing table entries: 1500 Multicast scale: 1000 ACL scale entries: 1500 FNF entries: 16000 VLANs supported: 1024 Switched virtual interfaces (SVIs): 512 QoS hardware queues per port: 8
MAC Address Table Size	16000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	OSPF, RIP-1, RIP-2, EIGRP, VRRP, PIM-SM, EIGRP for IPv6, PIM-SSM, policy-based routing (PBR), RIPng, MSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP 3, SNMP 2c, CLI, NETCONF, RESTCONF
Features	QoS, Cisco StackWise Technology, Rapid PVST+, SRR, PXE support, RSPAN, NetFlow, Energy Efficient Ethernet, MIB, CoS, FNF, 802.1x authentication, DSCP support, MACsec support, 6MB packet buffer, CoPP, SPAN, EEM, PIM, FHS, PVLAN support, 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 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3bz
Power	AC 100-240 V (50 - 60 Hz)
Power Redundancy	Optional
Dimensions (WxDxH)	44.5 cm x 4.4 cm x 28.8 cm
Weight	5 kg
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 10 Gigabit SFP+ (uplink)
Performance	Stacking bandwidth: 80 Gbps Switching capacity: 176 Gbps Forwarding rate: 261.9 Mpps
Capacity	Virtual networks: 1 IPv4 routes: 11000 IPv4 routing table entries: 3000 IPv6 routing table entries: 1500 Multicast scale: 1000 ACL scale entries: 1500 FNF entries: 16000 VLANs supported: 1024 Switched virtual interfaces (SVIs): 512 QoS hardware queues per port: 8
MAC Address Table Size	16000 entries
Jumbo Frame Support	9198 bytes
Routing Protocol	OSPF, RIP-1, RIP-2, EIGRP, VRRP, PIM-SM, EIGRP for IPv6, PIM-SSM, policy-based routing (PBR), RIPng, MSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, SNMP 3, SNMP 2c, CLI, NETCONF, RESTCONF
Features	QoS, Cisco StackWise Technology, Rapid PVST+, SRR, PXE support, RSPAN, NetFlow, Energy Efficient Ethernet, MIB, CoS, FNF, 802.1x authentication, DSCP support, MACsec support, 6MB packet buffer, CoPP, SPAN, EEM, PIM, FHS, PVLAN support, 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 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3bz
RAM	2 GB
Flash Memory	4 GB

Expansion / Connectivity

Interfaces	48 x 1000Base-T RJ-45 4 x 10GBase-X SFP+ uplink 1 x network stack device 1 x management (LAN) RJ-45 1 x console RJ-45
------------	---

Manufacturer Warranty

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

Miscellaneous

MTBF	508,700 hours
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, EN 61000-6-1, AS/NZS 60950-1, CCC, ICES-003 Class A, UL 60950-1, IEC 60950-1, EN 60950-1, RoHS, AS/NZS 3548 Class A, BSMI Class A, VCCI Class A, CNS 13438, EN 55022 Class A, FCC CFR47 Part 15 B 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, CISPR 35

Power

Power Device	Internal power supply - hot-plug
--------------	----------------------------------

Max Supported Qty	2
Power Redundancy	Optional
Voltage Required	AC 100-240 V (50 - 60 Hz)

Environmental Parameters

Humidity Range Operating	5 - 90% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 90% (non-condensing)

Dimensions & Weight

Width	44.5 cm
Depth	4.4 cm
Height	28.8 cm
Weight	5 kg

What's in the box

Switch with default primary power supply, AC power cord, rack-mount kit

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