TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 9200 48-port Gigabit PoE+ switch, modular uplinks, Network Advantage

Catalyst 9200 modular-uplink campus access switch - 48x 10/100/1000 PoE+ ports, modular uplinks, 740W PoE budget

SKU C9200-48P-A | 1U | Cisco

DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
48x 10/100/1000 PoE+ ports	176 Gbps	4.4 x 44.5 x 35.0 cm (1.73 x 17.5 x 13...	On request

ISO 9001 · ISO 14001 · ISO 27001

REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-c9200-48p-a

01 Product overview

The Cisco C9200-48P-A is a Catalyst 9200 modular-uplink campus access switch that provides 48x 10/100/1000 PoE+ ports and modular uplinks (C9200-NM-4G 4x 1G SFP, C9200-NM-4X 4x 10G SFP+, C9200-NM-2Y 2x 25G SFP28, C9200-NM-2Q 2x 40G QSFP+), with a 740 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 176 Gbps of switching capacity and a forwarding rate of 130.95 Mpps, ensuring wire-speed performance for everyday business traffic.

Built on Cisco IOS XE, the Catalyst 9200 family brings enterprise-class capabilities to the branch and mid-size campus: full Layer 3 routing, Cisco Software-Defined Access readiness, Cisco Trustworthy Solutions with secure boot and image signing, and model-driven programmability through NETCONF, RESTCONF and YANG. Field-replaceable power supplies and fans, together with modular uplink network modules, let the platform grow with the network instead of being replaced.

This part number ships with the Network Advantage software license; Network Advantage adds advanced routing, segmentation and high-availability capabilities on top of Network Essentials. 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...

KEY SPECIFICATIONS

Manufacturer part number	**C9200-48P-A**
Series	**Catalyst 9200**
Switch type	**Layer 3 (Cisco IOS XE)**
Downlink ports	**48x 10/100/1000 PoE+ ports**
PoE standard	**PoE+ (802.3at)**
PoE budget	**740 W (single default power supply)**
Switching capacity	**176 Gbps**
Forwarding rate	**130.95 Mpps**
MAC address table	**32,000**
VLANs	**4,094**
Jumbo frames	**9,198 bytes**
Routing scale	**14,000 IPv4 (ARP + learned); 4,000 IPv4 routing entries**

HIGHLIGHTS

- 48x 10/100/1000 PoE+ ports with 740 W PoE+ (802.3at) budget
- Modular uplinks (C9200-NM-4G 4x 1G SFP, C9200-NM-4X 4x 10G SFP+, C9200-NM-2Y 2x 25G SFP28, C9200-NM-2Q 2x 40G QSFP+)
- 176 Gbps switching capacity, 130.95 Mpps forwarding rate
- Cisco IOS XE with SD-Access readiness and NETCONF/RESTCONF/YANG programmability
- StackWise-160 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)

02 Full specifications

GENERAL	
Manufacturer part number	C9200-48P-A
Series	Catalyst 9200

Switch type	Layer 3 (Cisco IOS XE)
License tier	Network Advantage (Cisco DNA / Catalyst subscription ordered separately)

PORTS

Downlink ports	48x 10/100/1000 PoE+ ports
Uplinks	Modular uplinks (C9200-NM-4G 4x 1G SFP, C9200-NM-4X 4x 10G SFP+, C9200-NM-2Y 2x 25G SFP28, C9200-NM-2Q 2x 40G QSFP+)

POWER OVER ETHERNET

PoE standard	PoE+ (802.3at)
PoE budget	740 W (single default power supply)

PERFORMANCE

Switching capacity	176 Gbps
Forwarding rate	130.95 Mpps
MAC address table	32,000
VLANs	4,094
Jumbo frames	9,198 bytes
Routing scale	14,000 IPv4 (ARP + learned); 4,000 IPv4 routing entries

HARDWARE

DRAM	4 GB
Flash	4 GB
Stacking	StackWise-160 (160 Gbps), up to 8 switches

POWER

Power supply	PWR-C6-1KWAC (1000W AC), field-replaceable, dual redundant slots (1440W PoE with two PSUs)
Power consumption (typical/system)	68.1 W
Power consumption (maximum, incl. PoE load)	899.99 W

PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 35.0 cm (1.73 x 17.5 x 13.8 in)
Weight	5.5 kg (12.12 lb)
Cooling	Field-replaceable redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	375,570 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
Delivery, installation and commissioning by our engineers across Europe.

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Service & support
Maintenance, spare parts and support from a single partner.

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Interested in this solution?

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