

参数整理：交换机商城 咨询采购电话：010-8646 2600

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Cisco C9200L-48P-4X-A

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堆叠套件：C9200L-STACK-KIT=



电源模块：PWR-C5-1KWAC=



所属品牌：思科 Cisco

产品名称：交换机

产品分类：思科园区-接入交换机

产品系列：C9200L 固定上行系列

型号 SKU：C9200L-48P-4X-A

官方描述：Catalyst 9200L 48-port PoE+ 4x10G uplink Switch, Network Advantage

许可版本：Network Advantage

服务型号：CON-SNT-C920L48P SNTC 8×5×NBD

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上行端口：4 个 10G SFP+端口上行

下行端口：48 口全 POE+

交换容量：176 Gbps

转发速率：130.95 Mpps

堆叠交换容量：256 Gbps

堆叠转发速率：190 Mpps

默认 POE：740W

默认电源：PWR-C5-1KWAC

第二电源：PWR-C5-1KWAC= PWR-C5-1KWAC/2

FRU 风扇：固定冗余

堆叠带宽（**Stacking bandwidth**）：80 Gbps

虚拟网络：支持（1 个虚拟网络）

MAC 地址：16,000

路由条目（含 ARP 学习到的条目）：11,000（8,000 条直接路线和 3,000 条间接路线）

IPv4 条目：3,000

IPv6 条目：1,500

组播路由条目：1,000

Qos 条目：1,000

ACL 条目：1,500

SKU 缓冲：24 或 48 端口千兆位以太网型号为 6 MB 缓冲区，24 或 48 端口多速率 mGig 型号为 12 MB 缓冲区

NetFlow (FNF) 条目：24 和 48 端口千兆位以太网型号上为 16,000 条，24 或 48 多速率型号上为 32,000 条

DRAM：2 GB

Flash：4 GB

VLAN IDs：4096

PVST 实例：128

STP 虚拟端口（端口 *VLAN）用于 PVST：13,000

STP 虚拟端口（端口 *VLAN）用于 MST：13,000

总交换虚拟接口 (SVI)：512

巨型帧：9198 字节

IP SGT 结合规模：10K

IPv4 绑定数量：10K

SGT/DGT 保单数量：2K

SXP 会话数：200

平均故障间隔时间：346,270

设备尺寸：4.4 x 44.5 x 32.9 cm

设备重量：4.80 kg

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Table 11. Network essentials and advantage package features

Features on Cisco Catalyst uplink switches	Network Essentials	Network Advantage
Switch fundamentals Layer 2, Routed Access (RIP, EIGRP Stub, OSPF -- 1000 routes), PBR, PIM Stub Multicast (1000 routes), PVLAN, VRRP, PBR, CDP, QoS, FHS, 802.1X, MACsec-128, CoPP, SXP, IP SLA Responder, SSO	✓	✓
Advanced switch capabilities and scale EIGRP, HSRP, IS-IS, BSR, MSDP, IP SLA, OSPF	X	✓
Network segmentation VRF, VXLAN, LISP, SGT	X	✓
Automation NETCONF, RESTCONF, YANG, PnP Agent, PnP	✓	✓
Telemetry and visibility Model-driven telemetry, sampled NetFlow, SPAN, RSPAN	✓	✓
Security MACsec-128 (MACsec-256 on C9200CX SKUs)	✓	✓

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Table 12. Cisco DNA Essentials and Advantage Package Features

Features	Cisco DNA Essentials	Cisco DNA Advantage
Advanced telemetry and visibility Full Flexible NetFlow, EEM	✓	✓
Optimized telemetry and visibility AVC (NBAR2)	X	✓
Day-0 network bring-up automation Cisco Network Plug-and-Play application, network settings, device credentials, LAN automation, host onboarding	✓	✓
Element management Discovery, inventory, topology, software image, licensing, and configuration management	✓	✓
Element management Patch management	X	✓
Basic Assurance Health dashboards – Network, Client, Application; switch and wired client health monitoring	✓	✓
SD-Access Policy-based automation and assurance for wired and wireless	X	✓
Network assurance and analytics Global insights, trends, compliance, custom reports; switch 360, wired client 360; fabric and non-fabric insights; app health, app 360, app performance (loss, latency, jitter)	X	✓
Cloud monitoring for Catalyst	✓*	✓

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Transceiver Product ID	Data Rate	Form Factor	Max. Reach	Cable Type	Media
 GLC-GE-100FX 	100 Mbps	SFP	2km	Duplex Fiber	MMF
 SFP-10G-SR 	10 Gbps	SFP+	400m	Duplex Fiber	MMF
 SFP-10G-SR-S 	10 Gbps	SFP+	400m	Duplex Fiber	MMF
 SFP-10G-LR 	10 Gbps	SFP+	10km	Duplex Fiber	SMF
 SFP-10G-LR-S 	10 Gbps	SFP+	10km	Duplex Fiber	SMF
 SFP-10G-ER 	10 Gbps	SFP+	40km	Duplex Fiber	SMF
 SFP-10G-ER-S 	10 Gbps	SFP+	40km	Duplex Fiber	SMF
 SFP-10G-ZR 	10 Gbps	SFP+	80km	Duplex Fiber	SMF
 SFP-10G-ZR-S 	10 Gbps	SFP+	80km	Duplex Fiber	SMF
 SFP-10G-BXD-I 	10 Gbps	SFP+	10km	Single-strand Fiber	SMF
 SFP-10G-BXU-I 	10 Gbps	SFP+	10km	Single-strand Fiber	SMF
 SFP-H10GB-CU1M 	10 Gbps	SFP+	1m	Preterminated cable	DAC
 SFP-H10GB-CU3M 	10 Gbps	SFP+	3m	Preterminated cable	DAC
 SFP-H10GB-CU5M 	10 Gbps	SFP+	5m	Preterminated cable	DAC
 SFP-H10GB-ACU7M 	10 Gbps	SFP+	7m	Preterminated cable	DAC
 SFP-H10GB-ACU10M 	10 Gbps	SFP+	10m	Preterminated cable	DAC
 SFP-10G-AOC1M 	10 Gbps	SFP+	1m	Preterminated cable	AOC
 SFP-10G-AOC2M 	10 Gbps	SFP+	2m	Preterminated cable	AOC
 SFP-10G-AOC3M 	10 Gbps	SFP+	3m	Preterminated cable	AOC
 SFP-10G-AOC5M 	10 Gbps	SFP+	5m	Preterminated cable	AOC
 SFP-10G-AOC7M 	10 Gbps	SFP+	7m	Preterminated cable	AOC
 SFP-10G-AOC10M 	10 Gbps	SFP+	10m	Preterminated cable	AOC
 DWDM-SFP10G-XX.XX 	10 Gbps	SFP+	80km	Duplex Fiber	SMF
 CWDM-SFP10G-XXXX 	10 Gbps	SFP+	40km	Duplex Fiber	SMF
 GLC-T 	10/100/1000 Mbps	SFP	100m	Cat5e/6A	Copper
End Of Sale/Life					
 GLC-TE 	10/100/1000 Mbps	SFP	100m	Cat5e/6A	Copper
 GLC-BX-D 	1 Gbps	SFP	10km	Single-strand Fiber	SMF
 GLC-BX-U 	1 Gbps	SFP	10km	Single-strand Fiber	SMF
 GLC-EX-SMD 	1 Gbps	SFP	40km	Duplex Fiber	SMF
 GLC-SX-MM-RGD 	1 Gbps	SFP	1000m	Duplex Fiber	MMF
 GLC-LX-SM-RGD 	1 Gbps	SFP	10km	Duplex Fiber	SMF
 GLC-ZX-SM-RGD 	1 Gbps	SFP	70km	Duplex Fiber	SMF