

参数整理：交换机商城 咨询采购电话：010-8646 2600

交换机商城不仅专业销售交换机，同时也提供产品选型培训，安装调试，运维租赁等服务

Cisco C9200L-24P-4X-A



去旗舰店购买

在线客服

产品详情

堆叠套件：C9200L-STACK-KIT=



电源模块：PWR-C5-600WAC=



所属品牌：思科 Cisco

产品名称：交换机

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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-24P-4X-A

官方描述：Catalyst 9200L 24-port PoE+ 4x10G uplink Switch, Network Advantage

许可版本：Network Advantage

服务型号：CON-SNT-C920L24P SNTC 8×5×NBD

上行端口：4 个 10G SFP+端口上行

下行端口：24 个千兆口

交换容量：128 Gbps

转发速率：95.23 Mpps

堆叠交换容量：208 Gbps

堆叠转发速率：155 Mpps

默认 POE：无

默认电源：PWR-C5-600WAC

第二电源：PWR-C5-600WAC= PWR-C5-600WAC/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：390,310

设备尺寸：4.4 x 44.5 x 32.9 cm

设备重量：4.53 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 |