

参数整理：交换机商城 咨询采购电话：010-8646 2600

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### Cisco C9200L-24PXG-2Y-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

产品分类: 思科园区-接入交换机

产品系列: C9200L 固定上行系列

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型号 SKU: **C9200L-24PXG-2Y-A**

官方描述: Catalyst 9200L 24-port 8xmGig, 16x1G, 2x25G, PoE+, Network Advantage

许可版本: Network Advantage

服务型号: CON-SNT-CY9020LA SNTC 8×5×NBD

上行端口: 2x 1/10/25G 光口

下行端口: 24 口全 POE+ (8 个高达 10G 的 mGig 多速率口, 16 个千兆电口)

交换容量: 292 Gbps

转发速率: 229.16 Mpps

堆叠交换容量: 372 Gbps

堆叠转发速率: 277 Mpps

默认 POE: 370W

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: 374,730

设备尺寸: 4.4 x 44.5 x 39.1cm

设备重量: 5.44 kg

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Table 11. Network essentials and advantage package features

| Features on Cisco Catalyst uplink switches                                                                                                                                                                                | Network Essentials | Network Advantage |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| <b>Switch fundamentals</b><br>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 | ✓                  | ✓                 |
| <b>Advanced switch capabilities and scale</b><br>EIGRP, HSRP, IS-IS, BSR, MSDP, IP SLA, OSPF                                                                                                                              | X                  | ✓                 |
| <b>Network segmentation</b><br>VRF, VXLAN, LISP, SGT                                                                                                                                                                      | X                  | ✓                 |
| <b>Automation</b><br>NETCONF, RESTCONF, YANG, PnP Agent, PnP                                                                                                                                                              | ✓                  | ✓                 |
| <b>Telemetry and visibility</b><br>Model-driven telemetry, sampled NetFlow, SPAN, RSPAN                                                                                                                                   | ✓                  | ✓                 |
| <b>Security</b><br>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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>Advanced telemetry and visibility</b><br>Full Flexible NetFlow, EEM                                                                                                                                                    | ✓                    | ✓                   |
| <b>Optimized telemetry and visibility</b><br>AVC (NBAR2)                                                                                                                                                                  | X                    | ✓                   |
| <b>Day-0 network bring-up automation</b><br>Cisco Network Plug-and-Play application, network settings, device credentials, LAN automation, host onboarding                                                                | ✓                    | ✓                   |
| <b>Element management</b><br>Discovery, inventory, topology, software image, licensing, and configuration management                                                                                                      | ✓                    | ✓                   |
| <b>Element management</b><br>Patch management                                                                                                                                                                             | X                    | ✓                   |
| <b>Basic Assurance</b><br>Health dashboards – Network, Client, Application; switch and wired client health monitoring                                                                                                     | ✓                    | ✓                   |
| <b>SD-Access</b><br>Policy-based automation and assurance for wired and wireless                                                                                                                                          | X                    | ✓                   |
| <b>Network assurance and analytics</b><br>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                    | ✓                   |
| <b>Cloud monitoring for Catalyst</b>                                                                                                                                                                                      | ✓*                   | ✓                   |