

参数整理：交换机商城 咨询采购电话：010-8646 2600

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### Cisco C9200L-24T-4G-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-C5-125WAC=



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

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产品系列：C9200L 固定上行系列

型号 SKU：C9200L-24T-4G-A

官方描述：Catalyst 9200L 24-port Data 4x1G uplink Switch, Network Advantage

许可版本：Network Advantage

服务型号：CON-SNT-C920L24A SNTC 8×5×NBD

上行端口：4 个 1G SFP 端口上行

下行端口：24 个千兆口

交换容量：56 Gbps

转发速率：41.66 Mpps

堆叠交换容量：136 Gbps

堆叠转发速率：101 Mpps

默认 POE：无

默认电源：PWR-C5-125WAC

第二电源：PWR-C5-125WAC= PWR-C5-125WAC/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 |
|---|--------------------|-------------------|
| <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>  | ✓                    | ✓                   |

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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 |
| <b>End Of Sale/Life</b>   |                  |             |            |                     |        |
|  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    |