

参数整理：交换机商城 咨询电话：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

### C9200CX-12P-2XGH-E



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产品详情

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：C9200CX

型号 SKU:C9200CX-12P-2XGH-E

官方描述：Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, PoE+, HVDC, Network Advantage

许可版本：Network Essentials

上行端口：2x1G 电口，2x10G SFP+光口

下行端口：12 个全 PoE+口

交换容量：68Gbps

转发速率：50.59 Mbps

默认 POE：240W

FRU 电源：固定内置电源 315W HVDC/AC

FRU 风扇：无风扇

虚拟网络：支持（16 个虚拟网络）

MAC 地址：32,000

路由条目（含 ARP 学习到的条目）：14,000（10,000 条直接路线和 4,000 条间接路线）

IPv4 条目：4,000

IPv6 条目：2,000

Qos 条目：1,000

ACL 条目：1,600

SKU 缓冲：6 MB

NetFlow (FNF) 条目：16,000 条

DRAM：4 GB

Flash：8 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):1000

巨型帧：9198 字节

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IP SGT 结合规模：8K

IPv4 绑定数量：8K

SGT/DGT 保单数量：2K

SXP 会话数：200

平均故障间隔时间：TBD

设备尺寸：4.4 x 26.9 x 24.4cm

设备重量：2.99 kg

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                                                                                                                              | ✗                  | ✓                 |
| <b>Network segmentation</b><br>VRF, VXLAN, LISP, SGT                                                                                                                                                                      | ✗                  | ✓                 |
| <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>                                                                                                                                                                                      | ✓*                   | ✓                   |