

Thuyết minh thông số kỹ thuật sản phẩm

Switch Cisco Catalyst C9200L-24T-4G-E



C9200L-24T-4G-E Catalyst 9200L 24-Port data, 4 x 1G, Network Essentials

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| Performance & Bandwidth thông số | |
| Mô tả | C9200L-24T-4G-E |
| Cấu hình | 24 x Gigabit Ethernet Network |
| | 4 x Gigabit Ethernet Uplink |
| Virtual Networks | 1 |
| Stacking bandwidth | 80 Gbps |
| Total number of MAC addresses | 16,000 |
| Total number of IPv4 routes (ARP plus learned routes) | 11,000 (8,000 direct routes and 3,000 indirect routes) |
| IPv4 routing entries | 3,000 |
| IPv6 routing entries | 1,500 |

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| Multicast routing scale | 1,000 |
| QoS scale entries | 1,000 |
| ACL scale entries | 1,500 |
| Packet buffer per SKU | 6 MB buffers for 24- or 48-port Gigabit Ethernet models, 12 MB buffers for 24 or 48 port multigigabit models |
| Flexible NetFlow (FNF) entries | 16,000 flows on 24- and 48-port Gigabit Ethernet models, 32,000 flows on 24 or 48 port multigigabit models |
| DRAM | 2 GB |
| Flash | 4 GB |
| VLAN IDs | 4096 |
| Total Switched Virtual Interfaces (SVIs) | 512 |
| Jumbo frames | 9198 bytes |
| Wireless bandwidth per switch | N/A |
| IP SGT binding scale | 10K |
| Number of IPv4 bindings | 10K |
| Number of SGT/DGT policies | 2K |
| Number of SXP Sessions | 200 |
| Switching capacity | 56 Gbps |
| Switch capacity with Stacking | 136 Gbps |
| Forwarding rate | 41.66 Mpps |
| Forwarding rate with Stacking | 101 Mpps |
| Stacking support | StackWise-80 |
| Stacking bandwidth support | 80 Gbps |
| Stacking hardware | C9200L-STACK-KIT |
| Number of members | 8 |
| Supported stack members | Other C9200L models with same license level |
| Nguồn AC | PWR-C5-125WAC |

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| Power supply rated maximum | 125W |
| Power cord rating | 10A |

Phụ kiện nguồn C9200L

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| Thông số kỹ thuật nguồn | |
| Nguồn cho C9200, C9200L | PWR-C5-125WAC |
| Power supply rated maximum | 125W |
| Total output BTU | 426.5 BTU/hr, 125W |
| (note: 1000 BTU/hr = 293W) | |
| Input-voltage range and frequency | 100 to 240 VAC, |
| | 50 to 60 Hz |
| Input current | 1.6-0.7A |
| Output ratings | 12V at 10.5A |
| Output holdup time | 20 ms minimum at 100 VAC |
| Power-supply input receptacles | IEC 320-C14 |
| | (IEC60320-C14) |
| Power cord rating | 10A |
| Physical specifications | (H x W x D): 1.58" x 4.0" x 7.6" |
| | Weight: 1.5 lb (0.68 kg) |
| Supported Product Family | C9200, C9200L |
| Operating temperature | Normal operating temperature* and altitudes: |
| | <ul style="list-style-type: none"> -5°C to +45°C, up to 5000 feet (1500m) |
| | <ul style="list-style-type: none"> -5°C to +40°C, up to 10,000 feet (3000m) |
| | * Minimum ambient temperature for cold start is 32°F (0°C) |
| | Short-term* exceptional conditions: |
| | <ul style="list-style-type: none"> -5°C to +50°C, up to 5000 feet (1500m) |
| | <ul style="list-style-type: none"> -5°C to +45°C, up to 10,000 feet (3000m) |
| | <ul style="list-style-type: none"> -5°C to +45°C, at sea level with single fan failure |

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| | * Not more than following in one-year period: 96 consecutive hours, or 360 hours total, or 15 occurrences |
| Storage temperature | -40° to 158°F (-40° to 70°C) |
| Relative humidity operating and nonoperating noncondensing | 5% to 90% noncondensing |

DNA mua kèm Switch Cisco C9200L

| Tính năng DNA trên Cisco Catalyst | Network Essentials |
|---|--------------------|
| 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 | X |
| EIGRP, HSRP, IS-IS, BSR, MSDP, IP SLA, OSPF | |
| Network segmentation | X |
| VRF, VXLAN, LISP, SGT | |
| Automation | ✓ |
| NETCONF, RESTCONF, YANG, PnP Agent, PnP | |
| Telemetry and visibility | ✓ |
| Model-driven telemetry, sampled NetFlow, SPAN, RSPAN | |
| Security | ✓ |
| MACsec-128 | |