Thuyết minh thông số kỹ thuật sản phẩm

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

C9200L-24T-4X-E Catalyst 9200L 24-Port data, 4 x 10G, Network Essentials

Performance & Bandwidth thông số	
Mô tả	C9200L-24T-4x-E
Cấu hình	24 x Gigabit Ethernet Network
	4 x 10 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
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
Power supply rated maximum	125W

Phụ kiện nguồn C9200L

Thông số kỹ thuật nguồn	
Nguồn cho C9200, C9200L	PWR-C5-125WAC
Power supply rated maximum	125W
Total output BTU (note: 1000 BTU/hr = 293W)	426.5 BTU/hr, 125W

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: ● -5°C to +45°C, up to 5000 feet (1500m) ● -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: ● -5°C to +50°C, up to 5000 feet (1500m) ● -5°C to +45°C, up to 10,000 feet (3000m) ● -5°C to +45°C, at sea level with single fan failure * 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 EIGRP, HSRP, IS-IS, BSR, MSDP, IP SLA, OSPF	✗
Network segmentation VRF, VXLAN, LISP, SGT	✗
Automation NETCONF, RESTCONF, YANG, PnP Agent, PnP	✓
Telemetry and visibility Model-driven telemetry, sampled NetFlow, SPAN, RSPAN	✓
Security MACsec-128	✓