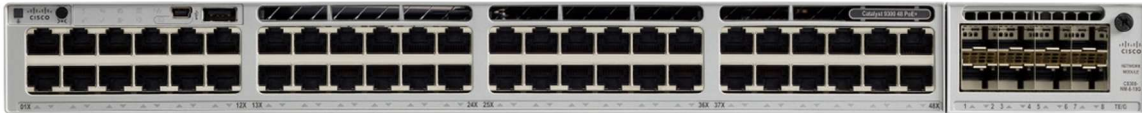


# Thuyết minh thông số kỹ thuật sản phẩm

## Switch Cisco Catalyst C9200-48PL-A



### Catalyst 9200 48-Port partial PoE+ Switch, Network Advantage

Performance thông số	
Mô tả	C9200-48PL-A
Virtual Networks	4 for C9200-24T, C9200-24P, C9200-48T, C9200-48P, C9200-24PXG, C9200-48PXG
	32 for C9200-24PB, C9200-48PB, C9200-48PL
Stacking bandwidth	160 Gbps
Total number of MAC addresses	32,000
Total number of IPv4 routes (ARP plus learned routes)	14,000 (10,000 direct routes and 4,000 indirect routes)
IPv4 routing entries	4,000
IPv6 routing entries	2,000
Multicast routing scale	1,000
QoS scale entries	1,000
ACL scale entries	1,600
Packet buffer per SKU	6 MB buffers for 24- or 48-port Gigabit Ethernet models , 12MB buffers for 24 or 48 port multigigabit models
Flexible NetFlow (FNF) entries	16,000 flows on 24- and 48-port Gigabit Ethernet models
DRAM	4 GB
Flash	4 GB

VLAN IDs	4096
Total Switched Virtual Interfaces (SVIs)	1000
Jumbo frames	9198 bytes
Wireless bandwidth per switch	Up to 48 Gbps on 24-port and 48-port Gigabit Ethernet model
IP SGT binding scale	8K
Number of IPv4 bindings	8K
Number of SGT/DGT policies	2K
Number of SXP Sessions	200

## Phụ kiện nguồn

Thông số nguồn	
Nguồn cho C9200-48PL-A	PWR-C6-600WAC
Power supply rated maximum	600W
Total output BTU (note: 1000 BTU/hr = 293W)	2047.3 BTU/hr, 600W
Input-voltage range and frequency	100 to 240 VAC, 50 to 60 Hz
Input current	7-2.8A
Output ratings	54V at 11.1A
Output holdup time	20 ms minimum at 100 VAC
Power-supply input receptacles	IEC 320-C16 (IEC60320-C16)
Power cord rating	15A
Physical specifications	(H x W x D): 1.58" x 4.0" x 7.6" Weight: 1.7 lb (0.77 kg)
Supported Product Family	C9200
Operating temperature	Normal operating temperature* and altitudes:
	<ul style="list-style-type: none"> <li>-5°C to +45°C, up to 5000 feet (1500m)</li> <li>-5°C to +40°C, up to 10,000 feet (3000m)</li> </ul>
	* Minimum ambient temperature for cold start is 32°F (0°C)
	Short-term* exceptional conditions:

	<ul style="list-style-type: none"> <li>• -5°C to +50°C, up to 5000 feet (1500m)</li> <li>• -5°C to +45°C, up to 10,000 feet (3000m)</li> <li>• -5°C to +45°C, at sea level with single fan failure</li> </ul>
	* 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 C9200-48PL-A

Thông số tính năng DNA trên Cisco Catalyst C9200-48PL-A	Network Advantage
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	