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Overview

The Cisco® Digital Network Architecture (DNA) with Software Defined Access (SD-Access) is the most advanced network fabric to power customer business. Cisco DNA is an open and extensible, software-driven architecture that accelerates and simplifies your enterprise network operations. The programmable architecture frees your IT staff from time consuming, repetitive network configuration tasks so they can focus instead on innovation that positively transforms your business. SD-Access enables policy-based automation from edge to cloud with foundational capabilities that include:

- Simplified device deployment
- Unified management of wired and wireless networks
- Network virtualization and segmentation
- Group-based policies
- Context-based analytics

Quick Specification

Features	Performance and Scalability
Centralized wired capacity	Up to 1.44 Tbps
Per-slot switching Capacity	80 Gbps
Total number of MAC addresses	Up to 64K
Total number of IPv4 routes (ARP plus learned routes)	Up to 112K
FNF entries (v4/v6)	Up to 384K/192K
VLAN IDs	4096
SSD Capacity	960 GB
Total Switched Virtual Interfaces (SVIs)	4,000
Jumbo frame	9216 bytes

Product Details:

The Front Panel:



Accessories for C9400-SUP-1:

Supported Products

Switches	
C9407R	Cisco Catalyst 9400 Series 7 slot chassis
C9410R	Cisco Catalyst 9400 Series 10 slot chassis
Line Cards	
C9400-LC-48U	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)
C9400-LC-48T	Cisco Catalyst 9400 Series 48-Port 10/100/1000 (RJ-45)
C9400-LC-48UX	Cisco Catalyst 9400 Series 48-Port UPOE w/ 24p mGig 24p RJ-45
C9400-LC-24XS	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet (SFP+)
C9400-LC-48P	Cisco Catalyst 9400 Series 48-Port POE+ 10/100/1000 (RJ-45)
C9400-LC-24S	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)
C9400-LC-48S	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)

Get more information:

Do you have any question about the C9400-SUP-1?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Description	Catalyst 9200 4 x 10GE Network Module, spare
Centralized wired capacity	Up to 1.44 Tbps
Per-slot switching Capacity	80 Gbps
Total number of MAC addresses	Up to 64K
Total number of IPv4 routes (ARP plus learned routes)	Up to 112K
FNF entries (v4/v6)	Up to 384K/192K
DRAM	16 GB
Flash	10 GB
VLAN IDs	4096
SSD Capacity	960 GB
Total Switched Virtual Interfaces (SVIs)	4,000
Jumbo frame	9216 bytes
Forwarding Rate	<ul style="list-style-type: none"> ● 900 Mpps for IPv4 ● 450 Mpps for IPv6
IPv4 Routing Entries	Up to 112K
IPv6 Routing Entries	Up to 56K
Multicast Routes	Up to 16K
QoS Hardware Entries	Up to 18K
Security ACL Hardware Entries	Up to 18K
Packet Buffer	96 MB
Physical specifications	(H x W x D): 1.6 x 14.92 x 14.57 in. (4.06 x 37.90 x 37.00 cm) Weight: 10 lbs (4.5 kg)
Operating temperature	Normal Operating Temperature and Altitudes: <ul style="list-style-type: none"> ● 27° to 109°F (-5 to +45°C), up to 6,000 feet (1800 m) ● 27° to 104°F (-5 to +40°C), up to 10,000 feet (3000 m) ● *Minimum ambient temperature for cold startup is 0°C Short-Term Exceptional Conditions: <ul style="list-style-type: none"> ● 27° to 119°F (-5 to +55°C), up to 6,000 feet (1800 m) ● 27° to 114°F (-5 to +50°C), up to 10,000 feet (3000 m) ● **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	10 to 95 percent, noncondensing
Altitude	-60 to 3000m
MTBF	302,000 hours

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