

CISCO · CATALYST 9400 SWITCHES

C9400X-SUP-2

240 Gbps Per Slot · 4x 100G/40G Uplinks · Access Layer Catalyst 9400 Supervisor

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C9400X-SUP-2
Category	Catalyst 9400 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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240 Gbps Per Slot · 4x 100G/40G Uplinks · Access Layer
Catalyst 9400 Supervisor

The C9400X-SUP-2 is a Cisco Catalyst 9400 Series Supervisor 2 module for C9404R, C9407R and C9410R chassis in campus access roles that need 100G uplinks. The module has up to 4 non-blocking 100/40GE and up to 4 non-blocking 25/10GE uplinks, 9.6 Tbps of centralized wired capacity and 240 Gbps per line-card slot on every chassis.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	C9400X-SUP-2	Cisco ordering description	Cisco Catalyst 9400 Series Supervisor 2 Module, spare part number C9400X-SUP-2=, redundant supervisor PID C9400X-SUP-2/2
ASIC	Cisco Unified Access Data Plane 3.0sec	CPU	Intel 2.4-GHz x86
SSD storage	Up to 960 GB SATA SSD local storage for container-based application hosting	Bandwidth per line-card slot	240 Gbps on C9404R, C9407R and C9410R alike
Centralized wired capacity	Up to 9.6 Tbps	Forwarding rate	3 Bpps for IPv4 and IPv6
Uplink ports	Up to 4 non-blocking 100/40 Gigabit Ethernet and up to 4 non-blocking 25/10 Gigabit Ethernet	Single-supervisor uplink combinations	4x 10/25GE plus 3x 40/100GE active with one 100GE port disabled, or 4x 40/100GE active with the 10/25GE ports disabled
Supported line cards	14 cards, adding C9400-LC-48HX, C9400-LC-48XS, C9400-LC-24XY, C9400-LC-12QC and C9400-LC-48TX to the nine supported by the C9400-SUP-1 class	MAC addresses	Up to 128,000 with a Custom SDM template
IPv4 routes	Up to 256,000 with a Custom SDM template	IPv6 routes	Up to 256,000 with a Custom SDM template
Multicast routes	Up to 32,000	IGMP/MLD snooping entries	32,000/16,000
QoS entries	Up to 27,000	ACL entries	27,000
DRAM	16 GB	Flash	20 GB
Packet buffer	108 MB	VLAN IDs	4096
PVST instances	300	Switched virtual interfaces	1,000
Jumbo frames	9216 bytes	ASIC template support	Flexible ASIC templates are currently not supported in software on this engine, which uses Custom ASIC templates instead
High availability	1+1 supervisor redundancy with NSF/SSO for continuous forwarding during switchover and ISSU under 200 msec on dual engines	Supervisor slot positions	Slots 2 or 3 on C9404R, slots 3 or 4 on C9407R and slots 5 or 6 on C9410R, with line cards not supported in those slots

Compatible chassis	C9404R, C9407R and C9410R, providing 2, 5 and 8 line-card slots respectively	Minimum software release	Cisco IOS XE 17.7.1 on all three chassis
MTBF	304,308 hours	Dimensions (H x W x D)	1.7 x 15.0 x 13.41 in. (4.32 x 38.1 x 34.06 cm) to the faceplate and 1.7 x 15.0 x 15.7 in. (4.32 x 38.1 x 39.88 cm) to the ejector
Weight	5.2 kg (11.5 lb)	Rack units	1 RU
Operating temperature	-5 to +45°C up to 6,000 feet and -5 to +40°C up to 10,000 feet	Storage temperature	-40 to 70°C
Operating humidity	10 to 95 percent, noncondensing	Operating altitude	-60 to 3,000 m
SSD options	C9400-SSD-240GB, C9400-SSD-480GB and C9400-SSD-960GB M2 SATA memory	Management interfaces	Bluetooth dongle support as a wireless management interface and an embedded WebUI in the default image with no additional license
Optics support reference	Supported optical modules and their minimum software releases are published in the Cisco transceiver module device support tables rather than in the supervisor engine data sheet		

Get Price and Availability for C9400X-SUP-2

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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