

CISCO · CATALYST 9400 SWITCHES

C9400X-SUP-2XL

480 Gbps Per Slot · 4x 100G/40G Uplinks · Core Catalyst 9400 Supervisor

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



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



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The C9400X-SUP-2XL is a Cisco Catalyst 9400 Series Supervisor 2XL module for campus core and aggregation chassis that need 100G uplinks. The module delivers 480 Gbps to every line-card slot, up to 9.6 Tbps of centralized wired capacity and a 3 Bpps forwarding rate, with up to four 100/40G and four 25/10G uplinks.

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

Specifications

Product ID	C9400X-SUP-2XL	Cisco ordering description	Cisco Catalyst 9400 Series Supervisor 2XL Module, spare part number C9400X-SUP-2XL=, redundant supervisor PID C9400X-SUP-2XL/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	480 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	Dual-supervisor uplink combinations	Each engine runs 4x 10/25GE plus 1x 40/100GE active with the other three 40/100GE ports disabled, or 2x 40/100GE active with the 10/25GE ports disabled
Advanced services	MPLS, software-defined access control and border capabilities including a host-tracking database, cross-domain connectivity and VRF-aware LISP, and hardware capable flexible ASIC templates	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	304,315 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-2XL

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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