

CISCO · SWITCHES

C9610-SUP-3XL

Supervisor 3XL Module · 6.4Tbps Slots · C9610R

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



Product Model	C9610-SUP-3XL
Category	Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The C9610-SUP-3XL is a Cisco C9610 Series Supervisor 3XL module for C9610R chassis in large campus core and gateway designs. The module has four Cisco Silicon One K100 forwarding ASICs, 51.2 Tbps of system switching capacity, up to 2,000,000 IPv4 routes, 1,000,000 IPv6 routes and a packet buffer of 256 MB plus 8 GB.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	C9610-SUP-3XL	Product type	Supervisor 3XL module
Cisco ordering description	Cisco C9610 Series Smart Switches Supervisor 3XL module	Supported chassis	Cisco C9610R
Native line card compatibility	C9610-LC-32CD and C9610-LC-40YL4CD	Adapter-based line card compatibility	C9600-LC-40YL4CD, C9600-LC-48TX, C9600X-LC-32CD, and C9600X-LC-56YL4C with C9610-LC-ADPT
Dedicated supervisor slots	Slots 5 and 6	Redundant supervisor support	Supported with two supervisor engine modules
Timing interfaces	10 MHz DIN, 1PPS DIN, and TOD PTP RJ-45	System switching capacity	Up to 51.2 Tbps; 25.6 Tbps full-duplex
Per-slot switching capacity	Up to 6.4 Tbps; 3.2 Tbps full-duplex	Forwarding ASICs	4 x Cisco Silicon One K100
Forwarding rate	Up to 15.6 Bpps	DRAM	32 GB
Flash	16 GB	SSD capacity	Up to 960 GB
Packet buffer	256 MB plus 8 GB	Ordering form	C9610-SUP-3XL (=)
Redundant supervisor requirement	Same supervisor type in the chassis	Fabric ASIC	1 x Cisco Silicon One Q200L
ARP entries	Up to 128,000	NDP entries	Up to 128,000
MLD snooping entries	Up to 16,000	Policy-Based routing entries	16,000
GRE tunnels	1000	Total MAC addresses	Up to 128,000
Total IPv4 routes	Up to 2,000,000	Total IPv6 routes	Up to 1,000,000
Multicast routes	Up to 32,000	VLAN IDs	4094
Security ACL scale	Up to 36,000 ingress and 36,000 egress	QoS ACL scale	Up to 8,000 ingress and 8,000 egress
Switched virtual interfaces	4000	Jumbo frames	9216 bytes
IGMP snooping entries	Up to 16,000	NetFlow entries	Up to 64,000 ingress and 64,000 egress
Management interfaces	RJ-45 Ethernet management, 10G SFP+ management, RJ-45 console, USB-C console, and USB Type A host	Minimum software release	Cisco IOS XE 17.18.1 and later

AC-input power	2444 W	Current at 90V	27.15 A
Current at 120V	20.37 A	Current at 180V	13.58 A
Current at 240V	10.18 A	DC-output power requested	2200 W
Heat dissipation	8,339 BTU/hr	Module rack units	2.5 RU
Dimensions	4.30 x 16.64 x 18.78 in. (10.92 x 42.27 x 47.69 cm)	Operating temperature	-5°C to 45°C (23°F to 113°F) at sea level; -5°C to 40°C (23°F to 104°F) up to 6,000 ft
Storage temperature	-40°C to 70°C (-40°F to 158°F)	Operating humidity	10% to 95%, noncondensing
Operating altitude	-197 to 9843 ft (-60 to 3000 m)	MTBF	223,220 hours

Get Price and Availability for C9610-SUP-3XL

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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