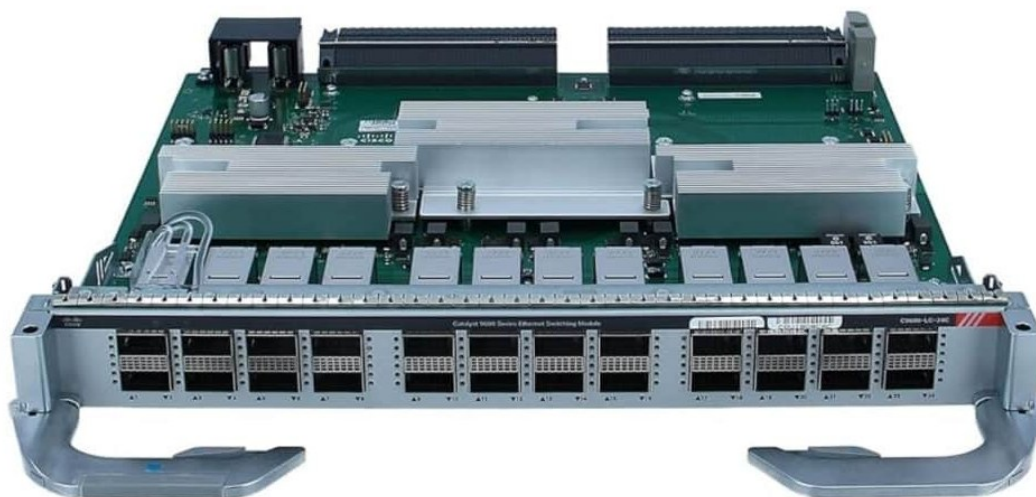


CISCO · CATALYST 9600 SWITCHES

C9600-LC-24C

24x QSFP28 Ports at 40GE and 100GE · Both Supervisors · Catalyst 9600 Line Card

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



Product Model	C9600-LC-24C
Category	Catalyst 9600 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



CISCO · CATALYST 9600 SWITCHES

C9600-LC-24C

24x QSFP28 Ports at 40GE and 100GE · Both Supervisors · Catalyst 9600 Line Card

The C9600-LC-24C is a Cisco Catalyst 9600 Series single-slot QSFP28 line card for medium port-density campus core designs. The card provides 24 ports at 40 GE or 12 ports at 100 GE with C9600-SUP-1, and 24 ports of 100/40 GE with C9600X-SUP-2, in the Catalyst 9606R chassis.

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

Specifications

Product ID	C9600-LC-24C	Cisco ordering description	Cisco Catalyst 9600 Series 24-Port 40GE / 12-Port 100GE line card, spare part number C9600-LC-24C=
Line-rate ports	24 line-rate QSFP28 ports at 40 GE and 100 GE	10 GE support	10 GE supported through a CVR adapter
Ports with C9600-SUP-1	Up to 24 non-blocking ports of 40 GE or 12 non-blocking ports of 100 GE at 1.2 Tbps full-duplex slot bandwidth	Ports with C9600X-SUP-2	Up to 24 non-blocking ports of 100/40 GE at 3.2 Tbps full-duplex slot bandwidth
Encryption	Advanced Encryption Standard 256 with the MACsec-256 algorithm on the UADP 3.0 ASIC	MACsec restriction	This line card does not support MACsec with C9600X-SUP-2
Maximum ports in a C9606R at 40 GE	96 with either supervisor engine	Maximum ports in a C9606R at 100 GE	48 with C9600-SUP-1 and 96 with C9600X-SUP-2
Maximum ports in a C9606R at 10 GE	96 with a CVR adapter	Compatible chassis	C9606R 6 slot chassis, providing 4 line card slots behind 2 dedicated supervisor engine slots at positions 3 and 4
Supported supervisor engines	C9600-SUP-1 and C9600X-SUP-2	Positioned deployments	Medium port-density Campus Core designs with majority QSFP optics
Minimum software release	Cisco IOS XE 16.11.1 with C9600-SUP-1 and Cisco IOS XE 17.7.1 with C9600X-SUP-2	Maximum rated power	200 W with C9600-SUP-1 and 280 W with C9600X-SUP-2
Power scaling note	Cisco states the Catalyst 9600X Supervisor Engine 2 provides higher power to support higher port speeds and density, which is why the same card is rated higher on that engine	MTBF	710,750 hours
Weight	3.48 kg (7.67 lbs)	Dimensions (H x W x D)	1.7 x 15.0 x 13.41 inches (4.32 x 38.1 x 34.06 cm) to the faceplate and 1.7 x 15.0 x 15.7 inches (4.32 x 38.1 x 39.88 cm) to the ejector
Standards	Gigabit Ethernet IEEE 802.3z, IEEE 802.3x and IEEE 802.3ab	Operating temperature	-5°C to 45°C (23°F to 113°F) up to 6,000 feet and -5°C to 40°C (23°F to 104°F) up to 10,000 feet
Storage temperature	-40°C to 75°C (40°F to 167°F)	Operating humidity	10 to 95 percent, noncondensing, operating and non-operating

Operating altitude	-60 to 3000 m (-197 to 9843 feet)	1 gbps optic restriction	C9600X-SUP-2 supports only SFP-1G-SX and SFP-1G-LH optics for 1 Gbps operation with compatible line cards
Optics support reference	Optical transceivers are required to operate the card and the supported modules are published in the Cisco TMG compatibility matrix		

Get Price and Availability for C9600-LC-24C

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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