

CISCO · SWITCHES

C9606R-48Y24C-BN-A

48x50/25/10G SFP · 24x100/40G QSFP28 · DNA Advantage

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



Product Model	C9606R-48Y24C-BN-A
Category	Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Ready-Stock Inventory

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Warranty



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The C9606R-48Y24C-BN-A is a Cisco Catalyst 9600 Series modular switch bundle on the 6-slot Catalyst 9606R chassis for campus core and distribution layers that aggregate over high-speed fiber. The switch provides 48 SFP-family ports at 50G, 25G or 10G on a C9600-LC-48YL line card and 24 QSFP28 ports at 100G or 40G on a C9600-LC-24C, under a C9600X-SUP-2 supervisor with up to 25.6 Tbps of switching capacity.

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

Specifications

Product ID	C9606R-48Y24C-BN-A	Product type	Modular switch bundle
Network license	Cisco Catalyst 9600 Network Advantage License	Cisco DNA license	Cisco Catalyst 9600 DNA Advantage term license
C9600-LC-48YL ports with C9600X-SUP-2	48 x 50G/25G/10G SFP-family ports; 1G support is limited to Cisco-noted optics	C9600-LC-48YL supervisor support	C9600X-SUP-2 and C9600-SUP-1
C9600-LC-48YL slot support in C9606R	Slots 1, 2, 5, and 6 only	C9600-LC-24C ports	24 x 100G/40G QSFP28 ports
C9600-LC-24C slot support in C9606R	Slots 1, 2, 5, and 6 only	Supervisor 2 switching capacity	Up to 25.6 Tbps
Supervisor 2 forwarding rate	Up to 8 Bpps	Chassis backplane bandwidth per slot	6.4 Tbps
C9600-LC-48YL bandwidth with C9600X-SUP-2	6.4 Tbps (3.2 Tbps full duplex) per slot	C9600-LC-24C bandwidth with C9600X-SUP-2	6.4 Tbps (3.2 Tbps full duplex) per slot
Supervisor 2 per-slot capacity	Up to 6.4 Tbps	Exact Cisco product line PID	C9606R-48Y24C-BN-A
Chassis platform	Cisco Catalyst 9606R 6-slot chassis	Bundle description	6-slot chassis, 1x supervisor, 2x line cards, 3x 2000W AC, DNA-A
Included supervisor	C9600X-SUP-2	Included line-card bundle	C9600-LC-48Y24C-B
Included line cards	C9600-LC-48YL and C9600-LC-24C	C9600-LC-24C behavior with C9600X-SUP-2	All 24 ports can be configured as 100G ports
C9600-PWR-2KWAC output at 110VAC	1050 W	C9600-PWR-2KWAC output at 220VAC	2000 W
Smart Licensing context	Cisco Smart Accounts manage licensing	Software image listed with bundle	Cisco Catalyst 9600 XE 17.8 UNIVERSAL
Included power supply profile	3 x C9600-PWR-2KWAC listed in bundle description	Power supply slots	4
C9600-LC-48YL AC-input power allocated	256 W	C9600-LC-24C AC-input power allocated	223 W
Fan modules	C9606-FAN with 9 fans	Airflow	Side-to-side, right-to-left when facing the chassis

C9600-LC-48YL heat dissipation	874 BTU/hr	C9600-LC-24C heat dissipation	761 BTU/hr
Rack units	8 RU	Dimensions	13.95 x 17.4 x 16.1 in. (35.43 x 44.2 x 40.9 cm)

Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	C9600-LC-48YL	48x SFP56 Ports at 50/25/10/1GE - Both Supervisors - Catalyst 9600 Line Card
Network Module	C9600-LC-24C	24x QSFP28 Ports at 40GE and 100GE - Both Supervisors - Catalyst 9600 Line
Network Module	C9600-LC-48TX	48xRJ45 Multigigabit Line Card - SUP-1 or SUP-2
Network Module	C9600-LC-40YL4CD	40xSFP56 - 2xQSFP56 and 2xQSFP-DD - Catalyst 9600 Line Card
Power Supply / Fan	C9600-PWR-2KWAC	2000W AC PSU - Catalyst 9600 - C16 Input
Power Supply / Fan	C9600-PWR-2KWDC	2000W DC PSU - Catalyst 9600 - DC 70A Cord
Power Supply / Fan	C9600-PWR-3KWAC	3000W AC PSU - Catalyst 9600 - C20 Input

Get Price and Availability for C9606R-48Y24C-BN-A

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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