

CISCO · MDS 9100 SERIES SWITCHES

DS-C9148V-24PITK9

24x64G FC Ports · 24x32G SW Optics · Intake SAN Switch

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



Product Model	DS-C9148V-24PITK9
Category	MDS 9100 Series Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Warranty



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DS-C9148V-24PITK9 is a Cisco MDS 9148V 64G Fibre Channel SAN switch bundle for intake-airflow storage fabric access and expansion.

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

Specifications

Product ID	DS-C9148V-24PITK9	Order configuration	24 active ports, 24 x 32G SW optics, 4 fans, 2 power supplies, and port-side intake airflow
Product compatibility	Cisco MDS 9000 Family	Product type	64G Fibre Channel fixed SAN switch bundle
Included FC optics	24 x Cisco 32G Fibre Channel shortwave optics	Airflow direction	Front to back inward from ports using port-side intake fans
Fan modules	4 fans in the ordering description	Power supplies	2 power supplies in the ordering description
Form factor	1RU fixed-switch form factor	Dimensions	1.72 x 17.3 x 18 in. (4.37 x 43.94 x 45.72 cm) excluding PSU and fan module handles
Weight	21.8 lb (9.9 kg) unpopulated	Fibre Channel ports	48 SFP+ Fibre Channel ports
Active ports at order	24 active Fibre Channel ports	Port activation model	Expandable in 8-port increments up to 48 active ports
Port activation spare PID	M9148V-PL8 8-port upgrade license	Fibre Channel speed support	8, 16, 32, and 64 Gbps autosensing
Dedicated bandwidth per port	64 Gbps	Aggregate bandwidth	3 Tbps end-to-end full duplex
Port group architecture	2 port groups of 24 ports each	Buffer credits	Up to 24000 buffer credits for a group of 24 ports, default 1000 buffer credits per port, and maximum 16000 buffer credits for a single port in the group
Port channel support	Up to 24 load-balanced physical links in one port channel	Fibre Channel port types	E and F standard port types; SD, ST, NP, and TE enhanced port types
Minimum NX-OS release	Cisco MDS 9000 NX-OS Release 9.3(1) or later	Optional subscription licenses	Cisco MDS Premier Subscription License and Cisco MDS Advantage Subscription License
Advanced functions	VSAN, IVR, NPV, Port Channel with multipath load balancing, and flow- and zone-based QoS	Fabric services	Name server, Registered State Change Notification, login services, Fabric Configuration Server, broadcast, and in-order delivery
Supported protocols	Fibre Channel, NVMe/FC, IPv6, IPv4, ARP over Fibre Channel, TCP/IP, SNMPv3, and RMON MIBs	Management Ethernet ports	mgmt0 10/100/1000BASE-T out-of-band management port
Console port	RS-232 serial console port	USB port	USB power-on auto-provision port

Network management	CLI, SNMPv3, SNIA SMI-S, NX-API, Cisco DCNM/NDFC web services API, onboard Python interpreter, Embedded Event Manager, and Cisco NX-OS scheduler	Default power supply	DS-CAC-500W-I 500W AC port-side intake power supply; two supplies in the order configuration
AC input voltage	100 to 240 VAC with 10 percent range for 500W AC power supplies	AC input frequency	50 to 60 Hz nominal
Typical power consumption	211W at 110V/60Hz and 205W at 220V/50Hz with 24 x 32G-SW optics, 50 percent traffic, 2 PSUs, and 4 fan trays at 25C	Maximum power consumption	213W at 110V/60Hz and 207W at 220V/50Hz with 24 x 32G-SW optics, 100 percent traffic, 2 PSUs, and 4 fan trays at 25C
Maximum system power	314W	Heat dissipation	986 BTU/hr
System airflow rate	50 CFM through system fan assembly at 25C	Maximum airflow rate	100 CFM maximum
Operating temperature	32 to 104F (0 to 40C)	Nonoperating temperature	-40 to 158F (-40 to 70C)
Operating relative humidity	10 to 90 percent noncondensing	Nonoperating relative humidity	10 to 95 percent noncondensing
Operating altitude	-197 to 6500 ft (-60 to 2000 m)	32G SW transceiver product ID	DS-SFP-FC32G-SW
32G SW connector	Dual LC connector	32G SW wavelength	850 nm
32G SW fiber type	Multimode fiber	32G SW baud rate at 32G	28.05 GBd
32G SW cable distance	65 ft (20 m) on OM2, 230 ft (70 m) on OM3, and 328 ft (100 m) on OM4 or OM5	32G SW operating temperature	0C to 70C
Supported FC optics	32G SW, 32G LW, 16G SW, 16G LW, 16G ELW, 8G SW, 8G LW, 8G ER, and 8G CWDM SFP+ optics		

Get Price and Availability for DS-C9148V-24PITK9

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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Email sales@layer23-switch.com WhatsApp [+86 171 8118 9993](tel:+8617181189993) WeChat [layer23-switch](https://www.layer23-switch.com) Telegram [@layer23_switch](https://t.me/layer23_switch)

Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

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