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PRODUCT DATASHEET
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CISCO · MDS 9100 SERIES SWITCHES

DS-C9148V-24PETK9

24x64G FC Ports · 24x32G SW Optics · 48-Port Exhaust Switch

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

Product Model	DS-C9148V-24PETK9
Category	MDS 9100 Series Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com

Scan for price and stock

200+	18,000+	US$9M+	3-Year
Countries Served	Customers Worldwide	Ready-Stock Inventory	Warranty

CISCO · MDS 9100 SERIES SWITCHES

DS-C9148V-24PETK9

24x64G FC Ports · 24x32G SW Optics · 48-Port Exhaust Switch

DS-C9148V-24PETK9 is a Cisco MDS 9148V 64G Fibre Channel SAN switch bundle for fabric-edge storage networking, ordered with 24 active ports, 24 Cisco 32G shortwave optics, port-side exhaust airflow, four fans, and two power supplies.

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

Specifications

Product ID	DS-C9148V-24PETK9	**Order configuration**	24 active ports, 24 x 32G SW optics, 4 fans, 2 power supplies, and port-side exhaust 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**	Back to front toward ports using port-side exhaust 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 17.299 x 18 in. (4.37 x 43.94 x 45.72 cm) excluding PSU and fan-tray handles
Weight	21.8 lb (9.9 kg)	**Fibre Channel ports**	48 SFP+ Fibre Channel ports
Active ports at order	24 active Fibre Channel ports	**Port activation license**	Expandable in 8-port increments up to 48 active ports
Port activation license	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

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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-E 500W AC port-side exhaust power supply; two supplies in the order configuration
AC input voltage	100 to 240 VAC with 10 percent range	**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 77F (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-24PETK9

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.

Request a Quote

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