

CISCO · MDS 9100 SERIES SWITCHES

DS-C9148T-24PITK9

24x32G 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-C9148T-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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Ready-Stock Inventory

3-Year

Warranty



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DS-C9148T-24PITK9 is a Cisco MDS 9148T 32G Fibre Channel SAN switch bundle for data center storage fabrics that need 32G server and storage connectivity with a defined starting port count.

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

Specifications

Product ID	DS-C9148T-24PITK9	Product compatibility	Cisco MDS 9000 Family
Product type	32G Fibre Channel SAN switch bundle	Order configuration	24 active FC ports, 24 x 32G SW optics, 4 fans, 2 PSUs, port-side intake airflow
Form factor	1RU fixed-switch form factor	Fibre Channel ports	48 SFP+ ports base
Active ports at order	24 active FC ports	Port activation license	M9148T-PL8 8-port upgrade license
Maximum active ports	48 active FC ports	Fibre Channel speed support	4, 8, 16, and 32 Gbps autosensing
Dedicated bandwidth per port	32 Gbps	Aggregate bandwidth	1.5 Tbps end-to-end full duplex
Port groups	3 port groups of 16 ports each	Buffer credits	Up to 8300 for a group of 16 ports, 500 default per port, 8270 maximum for a single port in the group
Port channel support	Up to 16 load-balanced physical links in one port channel	Fibre Channel port types	E, F, B, SD, ST, NP, and TE
Included optic type	32G Fibre Channel shortwave SFP+ optics	32G SW optic product ID	DS-SFP-FC32G-SW
32G SW connector	Dual LC connector	32G SW fiber type	850 nm MMF
32G SW reach	20 m on OM2, 70 m on OM3, 100 m on OM4/OM5 at 28.05 GBd	FC-NVMe support	FC-NVMe listed in the protocol support
Advanced functions	VSAN, NPV, IVR, port channel with multipath load balancing, and flow- and zone-based QoS	Security functions	VSAN isolation, hardware zoning ACLs, FC-SP, RBAC, SFTP, SSHv2, SNMPv3, control-plane security, TrustSec payload encryption, secure boot, and anti-counterfeit technology
Diagnostics	POST, OHMS, internal loopbacks, SPAN, Fibre Channel traceroute, Fibre Channel ping, Fibre Channel debug, Cisco Fabric Analyzer, syslog, port-level statistics, link diagnostics, and read diagnostic parameter	High availability components	Hot-swappable dual redundant power supplies, hot-swappable fan module, and hot-swappable SFP+ optics
Management Ethernet ports	mgmt0 10/100/1000BASE-T and mgmt1 1/10G SFP+ port	Console and USB ports	RS-232 serial console port and USB power-on auto-provision port
Programmability	NX-API RESTful interfaces, onboard Python interpreter, Cisco DCNM web services API, EEM, and NX-OS scheduler	Minimum NX-OS release	Cisco MDS NX-OS 8.3(1) or later

Minimum Cisco DCNM release	Cisco DCNM 11(0) or later	Default power supply	DS-CAC-650W-I 650W AC port-side intake power supply; two supplies in the order configuration
AC input voltage	100 to 240 VAC, 10 percent range	AC input frequency	50 to 60 Hz nominal
Typical power with 24 optics	251W for 48-port switch with 24 32G SW optics under typical conditions	Typical power with 48 optics	297W for 48-port switch with 48 32G SW optics under typical conditions
Airflow direction	Front to back inward from ports using port-side intake fans	System airflow rate	50 CFM through system fan assembly at 77F (25C)
Maximum airflow rate	100 CFM maximum	Dimensions	1.72 x 17.3 x 22.3 in. (4.37 x 43.94 x 56.64 cm), excluding PSU and fan module handles
Weight	18.73 lb (8.5 kg)	Operating temperature	32 to 104F (0 to 40C) with exhaust and intake airflow variants
Operating relative humidity	10 to 90 percent noncondensing	Operating altitude	-197 to 6500 ft (-60 to 2000 m)
Included accessory kit	Cisco-specific MDS 9148T accessory kit shipped as standard	Supported FC optics listed by Cisco	32G SW, 32G LW, 16G SW, 16G LW, 8G SW, and 8G LW optics

Get Price and Availability for DS-C9148T-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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