

CISCO · MDS 9100 SERIES SWITCHES

DS-C9396T-48EK9

48 of 96 32G FC Ports Active · Base, No Optics · Port-Side Exhaust SAN Switch

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



Product Model	DS-C9396T-48EK9
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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DS-C9396T-48EK9

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The DS-C9396T-48EK9 is a Cisco MDS 9396T 32G Fibre Channel switch for SAN racks that exhaust air on the port side. Forty-eight of the 96 SFP+ ports are active at delivery, each running at 4/8/16/32 Gbps with 32 Gbps of dedicated bandwidth, in a 2RU chassis rated for 3 Tbps of aggregate bandwidth and fed by two 1200W bidirectional power supplies.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	DS-C9396T-48EK9	Configuration	48 active Fibre Channel ports, 2 fan modules, 2 power supplies, port-side exhaust airflow, no optics
Fibre Channel ports	96 SFP+ ports, 48 active at order	Port activation	16-port licenses to 64, 80 and 96 ports
Port speed	4/8/16/32 Gbps autosensing, 32 Gbps dedicated bandwidth per port	Switching capacity	3 Tbps end-to-end full duplex
Buffer credits	Up to 8300 per 16-port group; 500 per port by default; up to 8270 on a single port	Port groups	6 groups of 16 ports
Port channel	Up to 16 load-balanced physical links per port channel	Included FC optics	Not included
Transceivers	DS-SFP-FC32G-SW, DS-SFP-FC32G-LW=, DS-SFP-FC16G-SW, DS-SFP-FC16G-LW=, DS-SFP-FC8G-SW=, DS-SFP-FC8G-LW=	Optic speed support	8G, 16G and 32G Fibre Channel optics; 32G optics do not run at 2G; 8G optics run at 4G and 8G
Fibre Channel standard port types	E, F and B	Fibre Channel enhanced port types	SD, ST, NP and TE
Fibre Channel classes of service	Class 2, Class 3 and Class F	FC-NVMe	Supported
Advanced functions	VSAN, NPV, IVR, port channel with multipath load balancing, flow-based and zone-based QoS	Fabric services	Name server, RSCN, login services, Fabric Configuration Server, broadcast, in-order delivery
Security	VSAN isolation, hardware zoning by ACLs, FC-SP switch and host authentication, RBAC with RADIUS, TACACS+ or LDAP, SFTP, SSHv2, SNMPv3 with AES, Cisco TrustSec payload encryption, secure boot and anti-counterfeit technology	Network management	mgmt0 10/100/1000BASE-T port; mgmt1 1/10G SFP+ port (hardware capable, enabled through an NX-OS upgrade)
Console port	RS-232 serial console	USB port	USB power-on auto-provision port
Programming interfaces	Scriptable CLI, Cisco DCNM web services API, NX-API REST, on-board Python interpreter, Cisco Embedded Event Manager, NX-OS scheduler	Reliability	ISSU, hot-swappable power supplies, fan modules and SFP+ optics, stateful process restart
Designed availability	99.999%	Minimum software	Cisco MDS NX-OS 8.3(1) or later

Cisco DCNM	Cisco DCNM 11(0) or later	NX-OS 8.x support	8.3(x), 8.4(x) and 8.5(x); not 8.1(x) or 8.2(x)
Default power supply	2 x 1200W AC/HVAC/HVDC bidirectional airflow, 80 Plus Platinum	Power redundancy	1+1 power grid redundancy
AC input	90V to 305V	DC input	192V to 400V
Frequency	50 to 60 Hz (nominal)	Power cords	Two; standard CAB-HVAC-C14-2M (IEC C14 to Saf-d-grid) or regional cords
Typical power consumption	246W idle with 1+1 supplies and no optics; 330W with 48 32G optics; 555W with 96 32G optics	Maximum power consumption	610W at 110V and 595W at 220V at 25°C; 673W at 110V and 655W at 220V at 40°C (96 32G SW optics, 100% traffic)
Fan modules	2 hot-swappable, port-side exhaust	Airflow	Back to front (toward the ports); 255 CFM maximum, 110 CFM nominal at 25°C
Operating temperature	0°C to 40°C (32°F to 104°F)	Storage temperature	-40°C to 70°C (-40°F to 158°F)
Operating humidity	10 to 90% noncondensing	Nonoperating humidity	10 to 95% noncondensing
Operating altitude	-197 to 6500 ft (-60 to 2000 m)	Noise level	60 dB
Dimensions (H x W x D)	3.39 x 17.42 x 22.28 in (8.61 x 44.25 x 56.59 cm)	Rack units	2RU, standard 19-inch EIA rack
Weight	18.88 kg (41.62 lb), fully configured chassis	Installation clearance	2.5 in from walls to air vents; 6 in between two chassis
Safety certifications	CE Marking, UL 60950, CAN/CSA-C22.2 No. 60950, EN 60950, IEC 60950, AS/NZS 3260, IEC 60825, EN 60825, 21 CFR 1040	EMC certifications	FCC Part 15 Class A, ICES-003 Class A, EN 55022 Class A, CISPR 22 Class A, VCCI Class A, EN 55024, EN 61000-3-2, EN 61000-3-3

Get Price and Availability for DS-C9396T-48EK9

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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