

CISCO · NEXUS 9000 SERIES SWITCHES

N9K-C9364C-GX

64x40/100G QSFP28 · 2RU Spine/Leaf

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



Product Model	N9K-C9364C-GX
Category	Nexus 9000 Series Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The N9K-C9364C-GX is a Cisco Nexus 9300-GX Series 2RU fixed-port switch for 100G spine and aggregation layers in NX-OS or ACI fabrics. The switch has 64 40/100G QSFP28 ports, 12.8 Tbps of switching bandwidth, over 4.3 Bpps of forwarding and an 80 MB system buffer, and it draws 811W typical and 1622W maximum from 2000W power supplies.

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

Specifications

Product ID	N9K-C9364C-GX	Product type	Fixed-port data center switch
Rack units	2RU	Software mode	Cisco NX-OS or Cisco ACI mode
Minimum NX-OS release	NXOS-9.3.3	Minimum ACI release	ACI-N9KDK9-14.2(3)
ACI spine support	Yes	ACI leaf support	Yes
Switching capacity	12.8 Tbps	Forwarding rate	Over 4.3 Bpps
Ports	64 x 40/100G QSFP28	Supported speeds	40/100G; 10G with QSA; 2x50, 2x25, 2x10 breakout on all ports; 4x10 and 4x25 breakout on odd-numbered ports
Quad speed rule	Every 4 ports operate at a fixed speed; mixed speeds are not supported within a quad	CPU	4 cores
DRAM	Up to 32 GB	SSD storage	128 GB
Packet buffer	80 MB	Management port	2 ports: 1 RJ-45 and 1 SFP
USB port	1	RS-232 serial ports	1
Power supply selection	NXA-PAC-2KW-PI 2000W AC, NXA-PAC-2KW-PE 2000W AC, NXA-PDC-2KW-PI 2000W DC, NXA-PDC-2KW-PE 2000W DC, or NXA-PHV-2KW-PI 2000W selected by input type	Power supply slots	2
Power redundancy	1+1	Supported AC power supplies	NXA-PAC-2KW-PI, NXA-PAC-2KW-PE
Supported DC power supplies	NXA-PDC-2KW-PI, NXA-PDC-2KW-PE	Supported HVAC/HVDC power supply	NXA-PHV-2KW-PI
Typical power consumption	811W	Maximum power consumption	1622W
Heat dissipation requirement	5534.494 BTU/hr	AC input voltage	100 to 240V
HVAC input voltage	100 to 277V	DC input voltage	-40 to -72V
HVDC input voltage	-240 to -380V	AC input frequency	50 to 60 Hz
Fan modules	4	Fan redundancy	3+1

Supported fan modules	NXA-FAN-160CFM2PE, NXA-FAN-160CFM2PI	Airflow	Port-side intake or port-side exhaust
Airflow matching requirement	All fan modules and power supplies must use the same airflow direction	Chassis width	17.41 in (44.23 cm)
Chassis depth	22.59 in (57.4 cm)	Height	3.39 in (8.61 cm)
Weight without fans or PSUs	13.2 kg (29.2 lb)	Fan module weight	0.59 kg (1.3 lb)
2000W AC weight	1.2 kg (2.64 lb)	2000W DC weight	1.1 kg (2.42 lb)
Operating temperature	32 to 104F (0 to 40C)	Storage temperature	-40 to 158F (-40 to 70C)
Operating humidity	5 to 90%	Storage humidity	5 to 95%
Operating altitude	0 to 13,123 ft (0 to 4,000 m)	RoHS compliance	Yes
MTBF	237,760 hours	Maximum IPv4 LPM routes	896,000
Maximum IPv4 host entries	896,000	Maximum IPv6 LPM routes	448,000
Maximum IPv6 host entries	896,000	Maximum MAC address entries	512,000
Maximum multicast routes	32,000	Maximum IGMP snooping groups	32,000
VLAN IDs	4096 with 127 reserved	Maximum VRF instances	16,000
Maximum ECMP paths	64-way	Maximum port channels	512
Maximum links in a port Channel	32	Active SPAN sessions	4
RPVST VLAN instances	3967	HSRP groups	490
NAT entries	1023	MST instances	64
Rack mount kit	N9K-C9300-RMK	Accessory kit	N9K-C9300-ACK

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10G-LR-S	10GBASE-LR SFP+ - S-Class - 10km SMF
Optics	QSFP-40G-SR4-S	40G SR4 S-Class QSFP - MPO-12 MMF - No Breakout
Optics	QSFP-100G-DR-S	100G DR QSFP - LC SMF - 500m Reach
Optics	QSFP-100G-SR4-S	100G SR4 QSFP - MPO-12 MMF - 100m OM4
Cable / Stacking Kit	QSFP-H40G-CU5M	40G QSFP DAC - 5m Length - Passive Copper Cable
Cable / Stacking Kit	QSFP-100G-AOC3M	100G QSFP AOC - 3m Length - Active Optical Cable
Cable / Stacking Kit	QSFP-100G-CU3M	100G QSFP DAC - 3m Length - Passive Copper Cable
Cable / Stacking Kit	QSFP-H40G-AOC3M	40G QSFP+ AOC - 3m Length - Active Optical Cable

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

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