

CISCO · NEXUS 9000 SERIES SWITCHES

N9K-C9348GC-FXP

48x100M/1G BASE-T · 4x25G SFP28 + 2x100G QSFP28

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



Product Model	N9K-C9348GC-FXP
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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Ready-Stock Inventory

3-Year

Warranty



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N9K-C9348GC-FXP

48x100M/1G BASE-T · 4x25G SFP28 + 2x100G QSFP28

The N9K-C9348GC-FXP is a Cisco Nexus 9300-FX Series 1RU switch for data center racks that connect management and 1G devices over copper. The switch has 48 100M/1G BASE-T downlinks, four 1/10/25G SFP28 downlinks, two 40/100G QSFP28 uplinks and 696 Gbps of bandwidth, with over 517 Mpps of forwarding and three fan modules.

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

Specifications

Product ID	N9K-C9348GC-FXP	Product type	Fixed-port data center switch
Rack units	1RU	Deployment role	Data center 1G copper access and management switching
Switch mode support	Cisco NX-OS or Cisco ACI mode	BASE-T downlink ports	48 × 100M/1GBASE-T
SFP28 downlink ports	4 × 1/10/25G SFP28	QSFP28 uplink ports	2 × 40/100G QSFP28
Supported downlink speeds	100-Mbps and 1-Gbps on BASE-T ports	SFP28 port speeds	1/10/25-Gbps
QSFP28 port speeds	40/100-Gbps	Switching capacity	696 Gbps
Forwarding rate	Over 517 Mpps	Minimum NX-OS image	NXOS-703I7.1
Minimum ACI image	ACI-N9KDK9-13.0	CPU	4 cores
DRAM	24 GB	SSD drive	128 GB
Packet buffer	40 MB	Management port	2 ports: 1 RJ-45 and 1 SFP+
USB port	1	RS-232 serial ports	1
Fan modules	3	Supported fan modules	NXA-FAN-30CFM-B, NXA-FAN-30CFM-F
Fan module weight	0.12 kg (0.26 lb)	Power supply slots	2
Power redundancy	1+1 redundancy with two power supply modules	Power supply selection	NXA-PAC-350W-PI 350W AC, NXA-PAC-350W-PE 350W AC, NXA-PHV-350W-PI 350W, NXA-PHV-350W-PE 350W, NXA-PDC-440W-PI 440W DC, or NXA-PDC-440W-PE 440W DC selected by input type
Power supply matching requirement	Do not mix AC and DC power sources or airflow directions	Typical power consumption	178 W
Maximum power consumption	287 W	Heat dissipation requirement	979.284 BTU/hr
AC input voltage	100 to 120 VAC, 200 to 240 VAC	PHV/HVDC input voltage	100 to 277 VAC or 240 to 380 VDC
DC input voltage	-48 to -60 VDC	AC input frequency	50 to 60 Hz
Airflow	Port-side intake or port-side exhaust	Airflow matching requirement	Fan and power supply modules must use the same airflow direction

Chassis width	17.3 in (43.9 cm)	Chassis depth with AC power supplies	19.7 in (49.9 cm)
Chassis depth with DC power supplies	21.0 in (53.34 cm)	Chassis height	1.72 in (4.4 cm)
Chassis weight without power supplies or fans	6.44 kg (14.2 lb)	Power supply module weight	1.2 kg (2.64 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 4000 m)	RoHS compliance	RoHS-6 compliant with listed exceptions
MTBF	257,860 hours	Maximum IPv4 LPM routes	1,792,000
Maximum IPv4 host entries	1,792,000	Maximum IPv6 LPM routes	896,000
Maximum IPv6 host entries	1,792,000	Maximum MAC address entries	512,000
Maximum multicast routes	128,000	IGMP snooping groups	Shipping 8,000, maximum 32,000
Fabric extenders per switch	16	VLAN IDs	4096 with 127 reserved
VRF instances	Shipping 1,000, maximum 16,000	Maximum ECMP paths	64
Maximum port channels	512	Maximum links in a port Channel	32
Active SPAN sessions	4	Number of queues	8
Product status	Available Order	Release date	24-JUN-2017

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	SFP-25G-SR-S	25GBASE-SR SFP28 - 850nm MMF - 100m OM4
Optics	QSFP-40G-SR4-S	40G SR4 S-Class QSFP - MPO-12 MMF - No Breakout
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	QSFP-100G-SR4-S	100G SR4 QSFP - MPO-12 MMF - 100m OM4
Cable / Stacking Kit	SFP-10G-AOC3M	10G SFP+ AOC - 3m Length - Active Optical Cable
Cable / Stacking Kit	SFP-25G-AOC3M	25G SFP28 AOC - 3m Length - Active Optical Cable
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

Get Price and Availability for N9K-C9348GC-FXP

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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