

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

N9K-C92348GC-FX3

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	N9K-C92348GC-FX3
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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N9K-C92348GC-FX3 Datasheet

The Cisco N9K-C92348GC-FX3 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the N9K-C92348GC-FX3 and integrate it into enterprise or service provider networks with confidence.

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Key Features

Data center 1G RJ45 density with high-speed uplinks

N9K-C92348GC-FX3 gives data center teams 48 copper RJ45 downlinks for 1G management or device access, while still providing 25G SFP28 and 100G QSFP28 uplink options. This makes it more suitable for data center management networks than campus access switches.

Practical ToR and out-of-band management switch

The 48×BASE-T downlinks are useful for connecting server management interfaces, appliance management ports, storage controllers, console infrastructure, and other 1G copper devices inside a data center rack or management pod.

Flexible uplink design for mixed-speed networks

The 4×SFP28 ports support 1G / 10G / 25G, while the 2×QSFP28 ports support 40G / 100G. This allows engineers to connect the switch to current aggregation layers while preserving a migration path to faster upstream links.

Lower operational risk with redundant field-replaceable components

Cisco lists two power supply slots for 1+1 redundancy and three fan modules with port-side intake or exhaust airflow choices. The fan and power supply modules are field replaceable, which supports production data center maintenance planning.

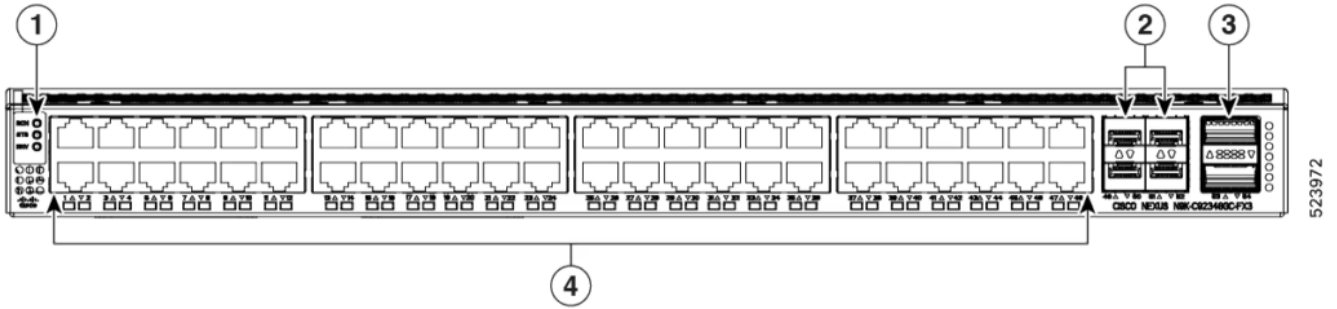
NX-OS programmability and automation support

The Nexus 9200 platform runs Cisco NX-OS, which supports programmable data center operations, automation, POAP, NX-API, Python scripting, and integration with DevOps tools. This is valuable when the buyer wants data center switch management rather than traditional campus switching.

Better fit than 10GBASE-T leaf switches when 1G copper is enough

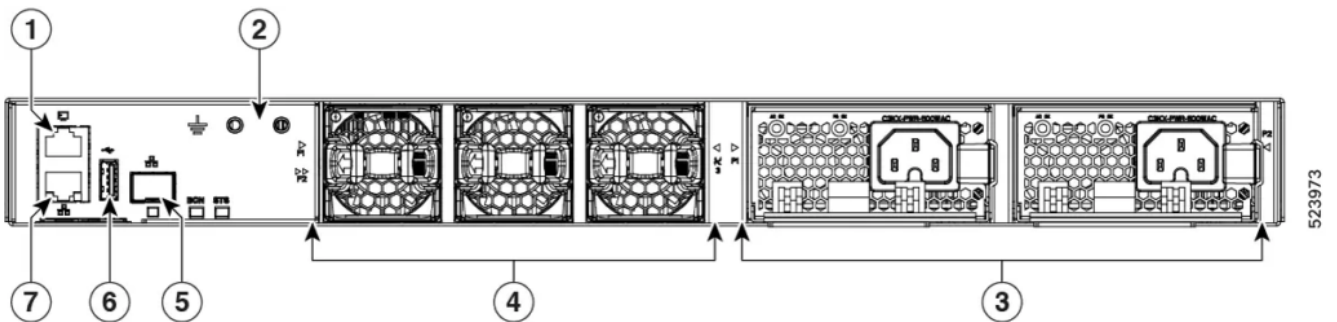
If the connected devices only need 10M / 100M / 1G BASE-T, **N9K-C92348GC-FX3** avoids overbuying a 10GBASE-T leaf switch while still offering 25G and 100G uplink capability.

Front Panel



1	LEDs	2	SFP28 ports (4)
3	QSFP28 ports (2)	4	10M/100M/1G RJ45 ports (48)

Rear Panel



1	Console port	2	Grounding pad
3	Power supply modules (1 or 2) (AC power supplies shown) with slots numbered 1 (left) and 2 (right)	4	Fan modules (3) with slots numbered from 1 (left) to 3 (right)
5	Management port (SFP)	6	USB port
7	Management port (RJ45)		

Specification

Parameter	Details	Parameter	Details
Product SKU	N9K-C92348GC-FX3	Product Name	Cisco Nexus 92348GC-FX3 Switch
Product Series	Cisco Nexus 9200 Platform	Switch Type	1RU fixed-port L2/L3 data center switch
Downlink Ports	48 × 10M/100M/1G BASE-T	SFP28 Ports	4 × 1/10/25G SFP28
QSFP28 Ports	2 × 40/100G QSFP28	Total Bandwidth	696 Gbps
Forwarding Rate	Over 517 Mpps	Operating System	Cisco NX-OS
CPU	4 cores	System Memory	32 GB
SSD Drive	128 GB	Shared System Buffer	40 MB
Management Ports	2 ports: 1 RJ45 and 1 SFP	USB Ports	1
RS-232 Serial Ports	1	Telemetry Support	Yes, software only
Power Supplies	350W AC, 350W PHV, 440W DC	Power Supply Slots	2, with 1+1 redundancy
Typical Power	226W	Maximum Power	242W
Heat Dissipation	825.738 BTU/hr	AC Input Voltage	100 to 240V
HVAC Input Voltage	200 to 277V	DC Input Voltage	-40 to -72V DC minimum and maximum; -48 to -60V DC nominal
HVDC Input Voltage	240 to 380V	AC Frequency	50 to 60 Hz
Fan Modules	3	Airflow Options	Port-side intake and port-side exhaust
Chassis Width	17.3 in. / 43.9 cm	Rack Units	1RU
Chassis Depth	18.0 in. / 45.72 cm without PSUs; 19.7 in. / 49.9 cm with 350W AC or PHV PSUs; 21.0 in. / 53.34 cm with 440W DC PSUs	Chassis Height	1.72 in. / 4.4 cm
Chassis Weight	14.5 lb / 6.57 kg without power supplies or fans	MTBF	283,670 hours
Operating Temperature	32 to 104°F / 0 to 40°C	Storage Temperature	-40 to 158°F / -40 to 70°C
Operating Humidity	5% to 90%	Nonoperating Humidity	5% to 95%
Operating Altitude	0 to 13,123 ft / 0 to 4,000 m	RoHS Compliance	Yes

Parameter	Details	Parameter	Details
Safety Standards	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950-1, GB4943	EMC Emissions	47CFR Part 15 Class A, AS/NZS CISPR22 Class A, CISPR22 Class A, EN55022 Class A, ICES003 Class A, VCCI Class A, EN61000-3-2, EN61000-3-3, KN22 Class A, CNS13438 Class A

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