

CISCO · MDS 9300 SERIES SWITCHES

N9K-C9348GC-FX3

48x 10M/100M/1G BASE-T · 4x 25G SFP28 + 2x 100G QSFP28 Uplinks · Nexus Switch

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



Product Model	N9K-C9348GC-FX3
Category	MDS 9300 Series Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Warranty



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The N9K-C9348GC-FX3 is a Cisco Nexus 9300-FX3 Series fixed data center switch for copper server and management access. The switch has 48 downlink ports at 10M/100M/1 Gbps BASE-T, four 1/10/25 Gbps SFP28 uplinks and two 40/100 Gbps QSFP28 uplinks, with a 40 MB system buffer and 226W typical power draw.

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

Specifications

Product ID	N9K-C9348GC-FX3	Cisco model name	Cisco Nexus 9348GC-FX3 Switch, N9300-FX3 Series
Downlink ports	48 ports at 10M/100M/1 Gbps BASE-T	Uplink ports	4 ports at 1/10/25 Gbps SFP28 and 2 ports at 40/100 Gbps QSFP28
Uplink layout within the series	Only this model and the Nexus 9348GC-FX3PH carry a mixed SFP28 and QSFP28 uplink block; the other three models present 6 QSFP28 uplinks	CPU	4 cores
DRAM	32 GB default and 32 GB expandable	SSD drive	128 GB
Packet buffer	40 MB	Management port	2 ports, 1 RJ-45 and 1 SFP
USB port	1	GPS timing	1PPS and 10MHz input or output are listed as not applicable for this model
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	32,000	Fabric extender support	Up to 16 Cisco Nexus 2000 Series Fabric Extenders is listed for the 93180YC-FX3 and 93108TC-FX3P only, not for this model
Power supply configuration	350W AC in port-side intake and port-side exhaust, 440W DC in port-side intake and port-side exhaust, and 350W HVAC/HVDC dual direction	Compatible power supply part numbers	NXA-PAC-350W-PE2, NXA-PAC-350W-PI2, NXA-PDC-440W-PE, NXA-PDC-440W-PI, NXA-PDC-715W-PI and NXA-PHV-350W-PE (2026-10-05 data sheet compatibility table; earlier revisions list NXA-PAC-350W-PE and NXA-PAC-350W-PI)
Typical power consumption	226W	Maximum power consumption	242W
Input voltage (AC)	100 to 240V	Input voltage (high-voltage AC)	200 to 277V
Input voltage (DC)	-48 to -60V	Input voltage (high-voltage DC)	-240 to -380V

Compatible fan part numbers	NXA-SFAN-30CFM-PI and NXA-SFAN-30CFM-PE		
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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	SFP-10/25G-LR-S	10/25GBASE-LR SFP28 - 10 km G.652 SMF - 0 to 70°C Commercial Temperature
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-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	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

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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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