

CISCO · NEXUS 9000 SERIES SWITCHES

N9K-C9332D-GX2B

32x400G QSFP-DD Ports · 2x1/10G SFP+ Ports · Nexus GX2B

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



Product Model	N9K-C9332D-GX2B
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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Warranty



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N9K-C9332D-GX2B is a Cisco Nexus 9332D-GX2B fixed-port data center switch in the Nexus 9000 family for high-density 400G leaf or spine roles in ACI and NX-OS fabrics. It provides 32 fixed 400G QSFP-DD ports, two fixed 1/10G SFP+ ports, 25.6 Tbps switching bandwidth, and 4.17 bpps forwarding in a 1RU chassis, with 32 GB system memory and 128 GB SSD storage for large data center switching deployments.

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

Specifications

Product ID	N9K-C9332D-GX2B	Product type	Fixed-port data center switch
Form factor	1RU	QSFP-DD ports	32 x 400G QSFP-DD
SFP+ ports	2 x 1/10G SFP+	Native QSFP-DD speeds	400G, 200G, 100G, and 40G
Breakout options	4x10G, 4x25G, 4x50G, 4x100G, and 2x200G	Switching bandwidth	25.6 Tbps
Forwarding rate	4.17 bpps	MACsec-capable ports	Last 8 QSFP-DD ports
Switch mode support	ACI spine, ACI leaf, and NX-OS	Default ACI role	Leaf switch
ACI default port profile	24 downlinks and 8 fabric links plus 2x1/10G downlinks	System memory	32 GB
SSD storage	128 GB	System buffer	120 MB
CPU	6 cores	Management ports	1 x 10/100/1000BASE-T and 1 x 1G SFP
Console port	1 x RS-232	USB ports	1
Fan modules	6 fans with 5+1 redundancy	Supported fan modules	NXA-SFAN-35CFM-PI, NXA-SFAN-35CFM-PE
Airflow options	Port-side intake or port-side exhaust	Power supply slots	2
Power redundancy	1+1 redundancy	Power supply selection	NXA-PAC-1500W-PI 1500W AC, NXA-PAC-1500W-PE 1500W AC, or NXA-PDC-1100W-PI 1100W DC selected by airflow and input type
Supported DC power supply	NXA-PDC-1100W-PI	AC input voltage	100 to 240V AC
AC frequency	50 to 60 Hz	Typical power	638 W
Maximum power	1442 W	Chassis width	17.3 in (43.9 cm)
Chassis depth	23.9 in (60.8 cm)	Chassis height	1.72 in (4.4 cm)
Chassis weight	28 lb (12.7 kg) without power supplies and fans	Operating temperature with intake airflow	32 to 104F (0 to 40C)
Operating temperature with exhaust airflow	32 to 82F (0 to 28C)	Nonoperating temperature	-40 to 158F (-40 to 70C)

Relative humidity	5 to 95 percent noncondensing	Altitude	0 to 13123 ft (0 to 4000 m)
MTBF	211310 hours	Maximum IPv4 LPM routes	2 million
Maximum IPv4 host entries	2 million	Maximum IPv6 LPM routes	1 million
Maximum IPv6 host entries	2 million	Maximum MAC address entries	1 million
Maximum multicast routes	256000	IGMP snooping groups	Maximum 32000
Maximum ACL entries	24000 ingress and 12000 egress	Software subscription tiers	Essentials, Advantage, and Premier
License term options	3-year, 5-year, and 7-year terms		

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	SFP-10G-AOC3M	10G SFP+ 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
Cable / Stacking Kit	QDD-400-CU3M	400G QSFP-DD DAC - 3m Passive Copper - Direct Link

Get Price and Availability for N9K-C9332D-GX2B

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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