

CISCO · NEXUS 9000 SERIES SWITCHES

N9K-C93600CD-GX

28x40/100G QSFP28 · 8x400/100G QSFP-DD · 1RU Spine/Leaf

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



Product Model	N9K-C93600CD-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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Warranty



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N9K-C93600CD-GX is a Cisco Nexus 93600CD-GX 1RU fixed-port data center switch for Nexus 9000 spine and leaf fabrics that need high-density 100G and 400G connectivity in the same chassis. It provides 28 QSFP28 ports for 10/25/40/100G links and 8 QSFP-DD ports for 10/25/40/50/100/200/400G links, with Cisco-documented 12 Tbps switching bandwidth and 4.0 Bpps forwarding performance.

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

Specifications

Product ID	N9K-C93600CD-GX	Device Type	Fixed-port data center switch
Form Factor	1RU	Port Layout	28 x QSFP28 and 8 x QSFP-DD
QSFP28 Port Speeds	10/25/40/100-Gigabit ports 1-28	QSFP-DD Port Speeds	10/25/40/50/100/200/400-Gigabit ports 29-36
Management Ports	1 x 10/100/1000BASE-T and 1 x 1G SFP	Console Port	1 x RS-232
USB Ports	1	Switching Bandwidth	12 Tbps
Forwarding Rate	4.0 Bpps	System Memory	32 GB
SSD Storage	128 GB	System Buffer	80 MB
CPU	4 cores	QSA Support	10G QSA support on all ports
Unsupported Optic Speeds	1G and 100M optics are not supported	Ports 1-24 Breakout	2x50G on all ports; 4x10G and 4x25G on odd ports with even ports purged
Ports 25-28 Breakout	2x50G, 4x10G, and 4x25G	Ports 29-34 Breakout	2x50G, 4x10G, 4x25G, and 4x100G on converted downlinks
Ports 35-36 Role	Reserved for fabric links and cannot be converted to downlinks	Port Group Rule	Ports 1-24 operate by four-port quads; ports 25-28 operate by two-port groups
ACI Spine Support	Yes	ACI Leaf Support	Yes
Minimum ACI Image	ACI-N9KDK9-14.2(2e)	Minimum NX-OS Image	NXOS-9.3.3
Power supply selection	NXA-PAC-1100W-PI2 1100W AC, NXA-PAC-1100W-PE2 1100W AC, NXA-PDC-1100W-PI 1100W DC, NXA-PDC-1100W-PE 1100W DC, NXA-PHV-1100W-PI 1100W, or NXA-PHV-1100W-PE 1100W selected by input type	Power Supply Modules	2 modules, 1 for operation and 1 for redundancy
Supported AC Power Supplies	NXA-PAC-1100W-PI2, NXA-PAC-1100W-PE2	Supported DC Power Supplies	NXA-PDC-1100W-PI, NXA-PDC-1100W-PE
Supported HVAC/HVDC Power Supplies	NXA-PHV-1100W-PI, NXA-PHV-1100W-PE	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 Frequency	50 to 60 Hz
Fan Modules	6 total, 5 for operations and 1 for redundancy	Supported Fan Modules	NXA-FAN-35CFM-PI, NXA-FAN-35CFM-PE
Airflow Options	Port-side intake or port-side exhaust	Airflow Matching Requirement	All fan modules must use the same airflow direction
Chassis Width	17.37 in (44.13 cm)	Chassis Depth	25.5 in (64.8 cm)
Chassis Height	1.72 in (4.37 cm)	Chassis Weight	28 lb (12.7 kg)
Operating Temperature	32 to 104F (0 to 40C)	Nonoperating Temperature	-40 to 158F (-40 to 70C)
Operating Relative Humidity	5 to 90%	Nonoperating Relative Humidity	5 to 95%
Operating Altitude	0 to 13,123 ft (0 to 4,000 m)	MTBF	295,515 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 VLANs	4096 with 127 reserved	Maximum VRF Instances	16,000
Maximum ECMP Paths	64	Maximum Port Channels	512
Maximum Links in a Port Channel	32	Active SPAN Sessions	4
Accessory Kit	NXK-ACC-KIT-1RU	RoHS Compliance	Yes
Optics Reference	Cisco transceiver support tables for supported optical modules		

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

Get Price and Availability for N9K-C93600CD-GX

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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LAYER23-SWITCH