

Cisco Nexus 92348GC-X - Switch

L3 - Managed - 48 x 10/100/1000 + 4 x 1/10/25 Gigabit SFP28 + 2 x 40/100 Gigabit QSFP28 - rack-mountable

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|-----------------------|-------------------|
| Group | Network Equipment |
| Manufacturer | Cisco |
| Manufacturer item no. | N9K-C92348GC-X |
| EAN/UPC | 0889728228404 |



Description

Prepare your data center for growing number of users and complicated applications. The Nexus 9000 Series data center switches deliver proven high performance and density up to 400G, as well as low latency and exceptional power efficiency. The switches are highly programmable and offer industry-leading software-defined networking for data center automation.

Main features

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|------------------------|--|
| Product Description | Cisco Nexus 92348GC-X - switch - 48 ports - Managed - rack-mountable |
| Device Type | Switch - 48 ports - L3 - Managed |
| Enclosure Type | Rack-mountable 1U |
| Subtype | Gigabit Ethernet |
| Ports | 48 x 10/100/1000 + 4 x 1/10/25 Gigabit SFP28 + 2 x 40/100 Gigabit QSFP28 |
| Performance | Bandwidth: 3.2 Tbps |
| Capacity | Longest prefix match (LPM) entries (IPv4): 16000 Longest prefix match (LPM) entries (IPv6): 20000 IPv4 routes (Multicast): 32000 Virtual interfaces (VLANs): 4096 Equal-Cost Multipathing (ECMP) ways: 64 Multiple Spanning Tree Protocol instances: 64 Rapid Per-VLAN Spanning Tree Plus instances: 507 Virtual Routing and Forwarding (VRF) entries: 16000 IGMP snooping entries: 32000 ACL entries (ingress): 4000 ACL entries (egress): 2000 |
| MAC Address Table Size | 96K entries |
| Routing Protocol | RIP-2, BGP, IGMP, MSDP, ECMP |
| Power | AC 120/230 V (50/60 Hz) - power supply not installed |
| Power Redundancy | Yes |
| Dimensions (WxDxH) | 43.9 cm x 57.1 cm x 4.4 cm |
| Weight | 6.4 kg |

Extended details

General

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|----------------|--|
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| MAC Address Table Size | 96K entries |
| Routing Protocol | RIP-2, BGP, IGMP, MSDP, ECMP |
| RAM | 8 GB |
| Flash Memory | 16 GB |
| Status Indicators | Status |
| Expansion / Connectivity | |
| Interfaces | 48 x 10/100/1000 Base-T RJ-45 4 x 1/10/25Gbit LAN SFP28 2 x 100Gbit/40Gbit LAN QSFP28 1 x USB 1 x management RJ-45 1 x management SFP+ 1 x serial (RS-232) |
| Power | |
| Power Device | Internal power supply (not installed) - hot-plug |
| Max Supported Qty | 2 |
| Power Redundancy | Yes |
| Power Redundancy Scheme | 1+1 |
| Voltage Required | AC 120/230 V (50/60 Hz) |
| Miscellaneous | |
| MTBF | 379,400 hours |
| Compliant Standards | CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, AS/NZS 60950-1, ICES-003 Class A, RoHS, UL 60950-1 Second Edition, GB 4943, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN22 Class A, EN 55022 Class A, FCC CFR47 Part 15 A, CNS 13438 Class A, CAN/CSA C22.2 No. 60950-1 Second Edition, EN 300 386, KN 61000-4, AS/NZS CISPR22 Class A |
| Dimensions & Weight | |
| Width | 43.9 cm |
| Depth | 57.1 cm |
| Height | 4.4 cm |
| Weight | 6.4 kg |
| Manufacturer Warranty | |
| Service & Support | Limited warranty - advance parts replacement - 1 year - response time: 10 days |
| Environmental Parameters | |
| Min Operating Temperature | 0 °C |
| Max Operating Temperature | 40 °C |
| Humidity Range Operating | 5 - 85% (non-condensing) |
| Min Storage Temperature | -40 °C |
| Max Storage Temperature | 70 °C |

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