

Cisco Nexus N9K-C9372PX Datasheet



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The Cisco Nexus N9K-C9372PX is a 1U switch that supports 1.44 Tbps of bandwidth and over 1150 mpps across 48 fixed 10-Gbps SFP+ ports and 6 fixed 40-Gbps QSFP+ ports.



Product Code	N9K-C9372PX
Ports	48 fixed 1/10GBASE-T and 6 QSFP+ ports
Form factor	1U
Throughput (Tbps)	1.44
Supported speeds	1/10 Gigabit Ethernet speeds
40 Gigabit Ethernet uplink port	6 fixed QSFP+ ports ·Advanced QSFP+ optics enable connectivity using existing 10 Gigabit Ethernet fiber. ·The switch offers 25 MB of additional packet buffer space shared with all ports
Typical power(AC & DC)	210W

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Maximum power(AC & DC)	537W
Maximum number of longest prefix match (LPM) routes	128,000
Maximum number of IP host entries	208,000
Maximum number of MAC address entries	96,000
Number of multicast routes	32,000 (without virtual PortChannel [vPC]) 32,000 (with vPC)
Number of Interior Gateway Management Protocol (IGMP)	32,000 (without vPC) snooping groups 32,000 (with vPC)
Maximum number of Cisco Nexus 2000 Series Fabric Extenders per switch	16
Number of access control list (ACL) entries	4000 ingress 1000 egress
Maximum number of VLANs	4096
Maximum number of Virtual Routing and Forwarding (VRF) instances	1000

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Maximum number of links in a PortChannel	32
Maximum number of ECMP paths	64
Maximum number of PortChannels	528
Number of active SPAN sessions	4
Maximum number of Rapid per-VLAN Spanning Tree (RPVST) instances	507
Maximum number of Hot-Standby Router Protocol (HSRP) groups	490
Maximum number of Multiple Spanning Tree (MST) instances	64
Maximum number of VXLAN tunnel endpoints (VTEP)	256
CPU, SSD, and memory	Dual-core 2.5-GHz x86 CPUs with 64-GB SSD drive and 16 GB of memory
Buffer (MB)	37
Operating System	NX-OS, ACI

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Fans	4
Physical (H x W x D)	4.4 x 43.9 x 57.1 cm
Acoustics	48.5 dBA at 40% fan speed, 64.9 dBA at 70% fan speed, and 77.8 dB at 100% fan speed
Weight without power supplies or fans	10.1 kg

Back panel of N9K-C9372PX



1	Power supply modules (1 or 2) (AC power supplies shown) with slots numbered 1 (left) and 2 (right)
2	Fan modules (4) with slots numbered from 1 (left) and 4 (right)
3	Console port (1)
4	Management port (1)