N9K-C9508 Datasheet

Get a Quote

Overview

N9K-C9508 is the Nexus 9508 Chassis with 8 line card slots. The Cisco Nexus 9500 platform, part of the Cisco Nexus 9000 Series, offers three modular options: the Cisco Nexus 9504 Switch with 4 slots, the Cisco Nexus 9508 Switch with 8 slots, and the Cisco Nexus 9516 Switch with 16 slots. All three switches use the same supervisor, system controller, power supplies, and line cards. The Cisco Nexus 9500 platform consists of Layer 2 and 3 nonblocking Ethernet switches with backplane bandwidth of up to 115.2 Terabits per second (Tbps). The Cisco Nexus 9504, 9508, and 9516 Switches support 1, 10, 25, 40, 50, and 100 Gigabit Ethernet interfaces through a comprehensive selection of modular line cards. Configurable with up to 2304 x 10 Gigabit Ethernet ports, 2048 x 25 Gigabit Ethernet ports, 576 x 40 Gigabit Ethernet ports, 1024 x 50 Gigabit Ethernet ports, or 512 x 100 Gigabit Ethernet ports, they provide ample capacity for both access- and aggregation-layer deployments.
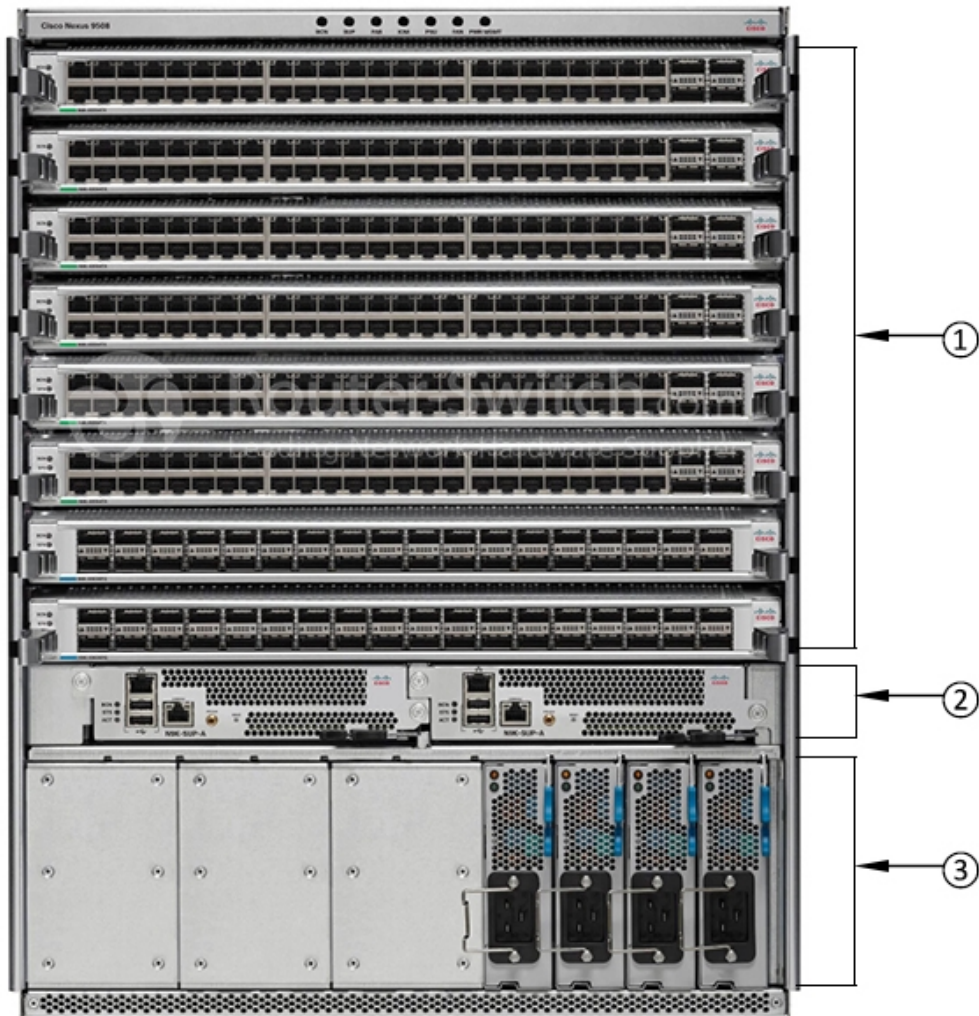
Quick Specs

Table 1 shows the Quick Specs.

Product Code	N9K-C9508
Chassis	• Up to 8 line cards • Up to 8 power supplies • Up to 6 fabric modules • Up to 2 system controllers • Up to 2 supervisors • Up to 3 fan trays
Physical (H x W x D)	22.70 x 17.50 x 31.76 in. (57.78 x 44.50 x 80.67 cm)
Weight (chassis)	150 lb (68.2 kg)

Product Details

Figure 1 shows the front panel of N9K-C9508. The modules and cards in it need to be purchased separately.

Note: (1) Line cards (up to 8) (2) Supervisor modules (1 or 2) (3) 3-kW AC, Universal AC/DC, or DC power supplies (AC power supplies shown).

*The back panel have these things:

(1) Fan trays (3—left fan tray not shown in order to display the fabric modules located behind the fan trays)

(2) Grounding pad

(3) Fabric modules (3 to 6 40-Gigabit modules or 4 100-Gigabit modules)

(4) Chassis handles (used only for positioning the chassis on the bottom support rails—do not use these handles for lifting the chassis)

(5) System controllers (2)

The Modules

Table 2 shows the supported accessories.

Model	Description
N9K-SUP-B+	Nexus 9500 6-Core/12-Thread Supervisor
N9K-SUP-B	Nexus 9500 6-Core/12-Thread Supervisor
N9K-SC-A	Nexus 9500 System Controller
N9K-PAC-3000W-B	Nexus 9500 3000W 200V to 240V AC AC PS, Port Side Intake
N9K-PDC-3000W-B	Nexus 9500 3000W -48V-60V DC PS, Port Side Intake
N9K-PUV-3000W-B	Nexus 9500 3000W 200V to 277V AC or 240V to 380V DC Universal high voltage AC/DC PS, Port Side Intake
N9K-C9508-FAN	Fan Tray for Nexus 9508 chassis

Compare to Similar Items

Table 3 shows the comparison.

Product Code	N9K-C9508	N9K-C9504
Chassis	• Up to 8 line cards • Up to 8 power supplies • Up to 6 fabric modules • Up to 2 system controllers • Up to 2 supervisors • Up to 3 fan trays	• Up to 4 line cards • Up to 4 power supplies • Up to 6 fabric modules • Up to 2 system controllers • Up to 2 supervisors • Up to 3 fan trays
Physical (H x W x D)	22.70 x 17.50 x 31.76 in. (57.78 x 44.50 x 80.67 cm)	12.25 x 17.50 x 33.15 in. (31.1 x 44.50 x 84.20 cm)
Weight (chassis)	150 lb (68.2 kg)	84 lb (38.2 kg)

Get More Information

Do you have any question about the Cisco N9K-C9508?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

N9K-C9508 Specification

Chassis	• Up to 8 line cards • Up to 8 power supplies • Up to 6 fabric modules • Up to 2 system controllers • Up to 2 supervisors • Up to 3 fan trays
Physical (H x W x D)	22.70 x 17.50 x 31.76 in. (57.78 x 44.50 x 80.67 cm)
Weight (chassis)	150 lb (68.2 kg)
Operating temperature	32 to 104°F (0 to 40°C)
Nonoperating (storage) temperature	-40 to 158°F (-40 to 70°C)
Humidity	5 to 95% (noncondensing)
Altitude	0 to 13,123 ft (0 to 4000m)
MTBF (Hours)	Chassis: 928,910
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC
Safety	• UL 60950-1 Second Edition • CAN/CSA-C22.2 No. 60950-1 Second Edition • EN 60950-1 Second Edition • IEC 60950-1 Second Edition • AS/NZS 60950-1 • GB4943
EMC: Emissions	• 47CFR Part 15 (CFR 47) Class A • AS/NZS CISPR22 Class A • CISPR22 Class A • EN55022 Class A • ICES003 Class A • VCCI Class A • EN61000-3-2 • EN61000-3-3 • KN22 Class A • CNS13438 Class A
EMC: Immunity	• EN55024 • CISPR24 • EN300386 • KN 61000-4 series

RoHS	The product is RoHS-6 compliant with exceptions for leaded-ball grid-array (BGA) balls and lead press-fit connectors.

Want to Buy

Order Now   Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+	18,000+	$20,000,000	50%–98%	100%
Countries we Sold	Customers Trusted	Inventory Available	Off Global List Price	Safe Online Shopping

Contact Us