Overview

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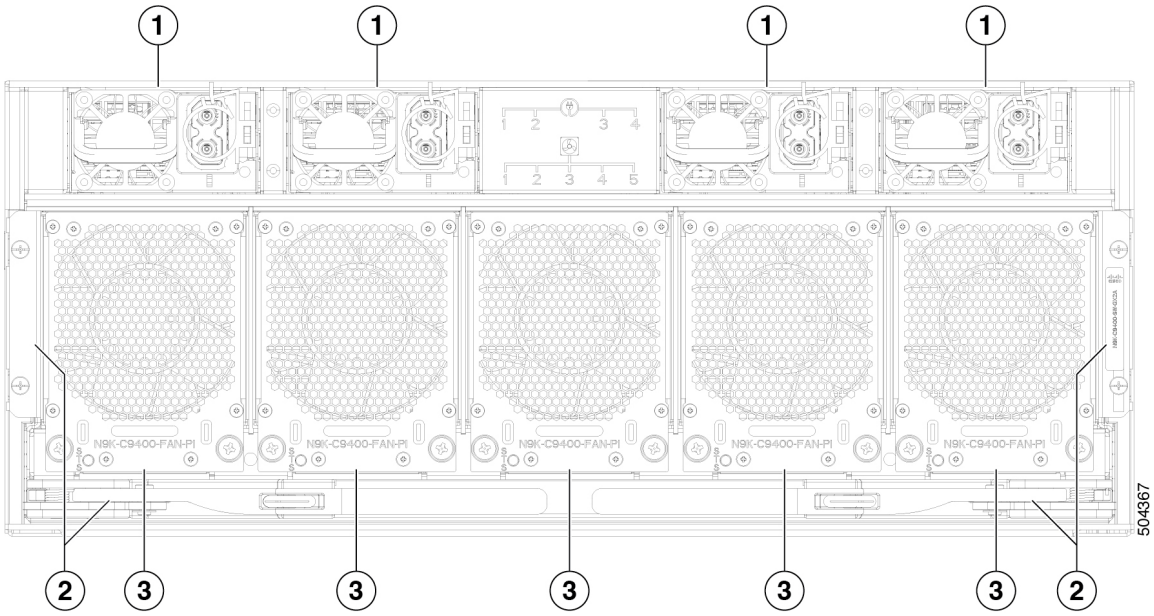
The Cisco Nexus 9408 (N9K-C9408) is a 4 rack unit (RU) 8-slot modular chassis switch, which is configurable with up to 128 200-Gigabit QSFP56 (256 100-Gigabit by breakout) ports or 64 400-Gigabit ports. This switch supports port-side intake airflow. The switch requires four AC power supplies for operation, and offers 2+2 power grid redundancy.

This switch includes the following high power optics and MACsec:

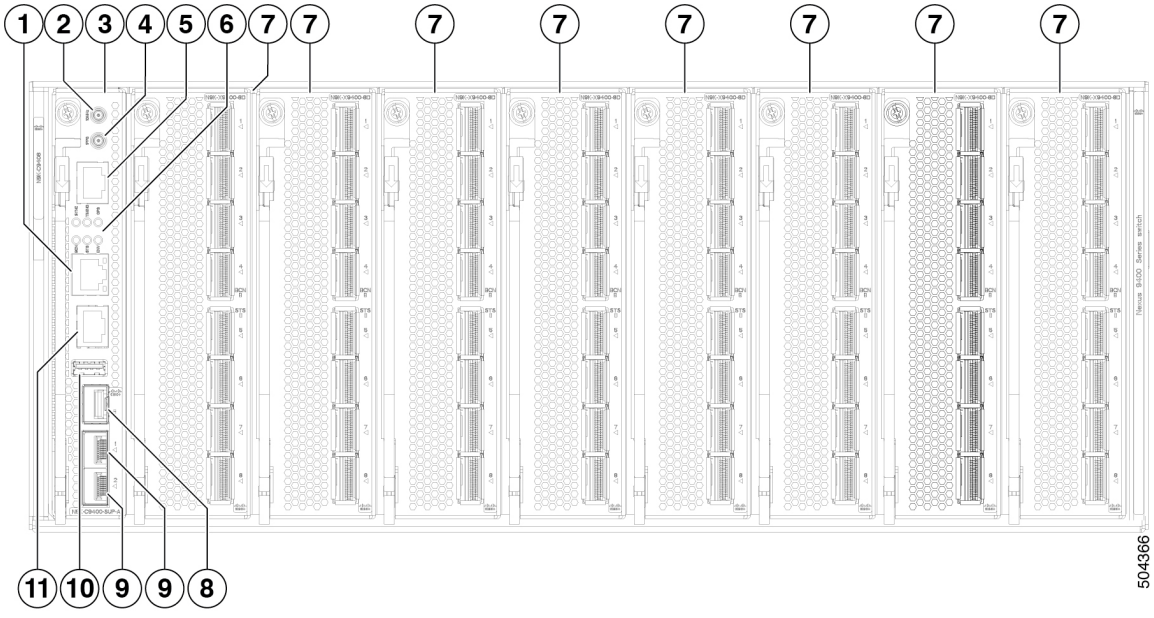
- The N9K-X9400-16W LEM offers full MACsec (128 ports) for a full load chassis with no limitation for 200G optics.
- The N9K-X9400-8D LEM offers full MACsec (64 ports) for a full load chassis but with a limit of 400G high power optics within 32pcs among 8 slots (maximum of 32 ports of 20-W optics irrespective of MACsec), and the high power optics can go in any of the 400G ports.

The following figure shows the fan-side chassis features that you use when installing the chassis or replacing its modules.



1	Power supply modules (4)	2	Switch card
3	Fan modules (5)		

The following figure shows the port-side chassis features that you use when installing the chassis or replacing its modules.

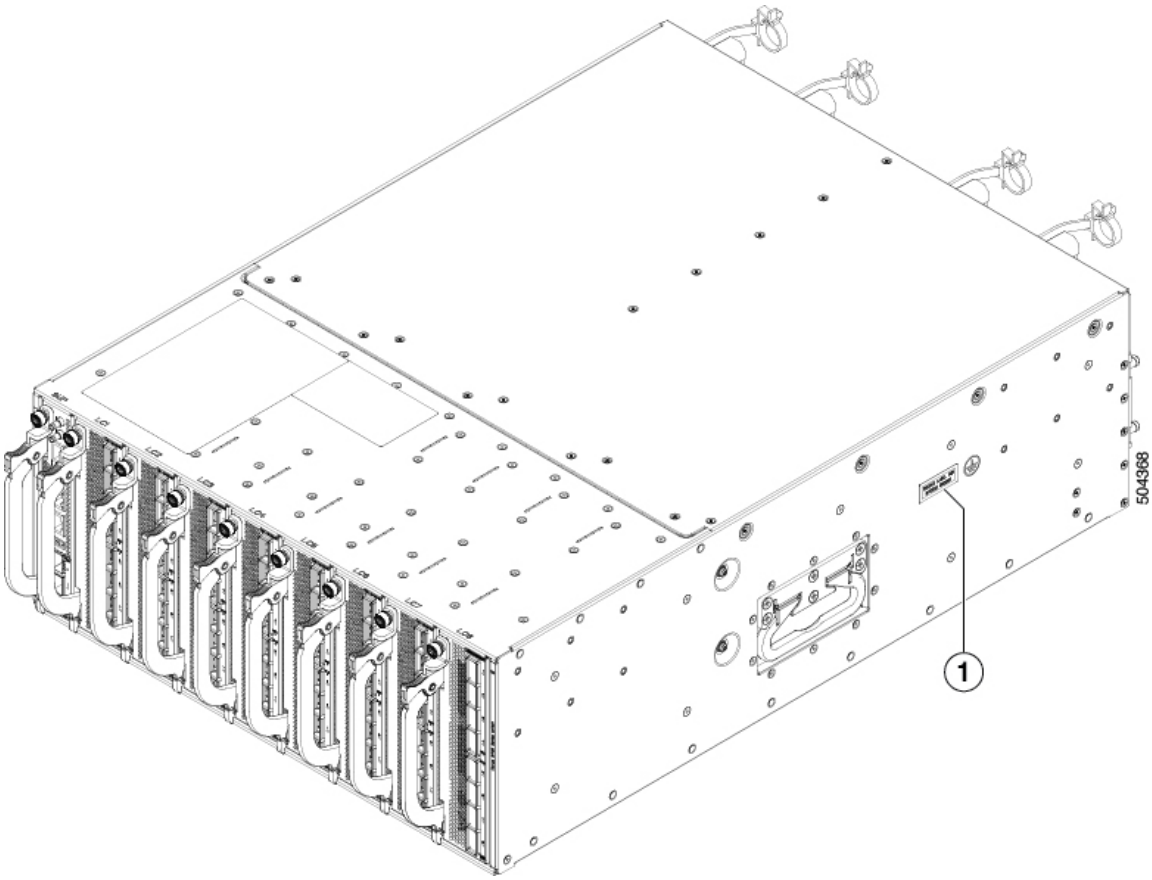


1	Management port (RJ45)	2	GPS 10 MHz
3	Supervisor module (N9K-C9408-SUP-A)	4	GPS 1PPS
5	ToD (RF-45)	6	SYNC, TIMING, GPS, BCN, STS, and ENV, LEDs

7	Cisco Nexus line-card expansion module (LEM) (up to 8) N9K-X9400-8D shown, N9K-X9400-16W also available.	8	Management port (SFP)
9	Fixed 1/10G SFP+ ports (Eth10/1 and Eth10/2)	10	USB 3.0 port (1)[1]
11	Console port (RS-232)		

[1] Careful when using the USB port. This component is sensitive to movement and if bumped, may cause file corruption.

The following figure shows the side chassis features that you use when installing the chassis.



1	Grounding pad		