Overview

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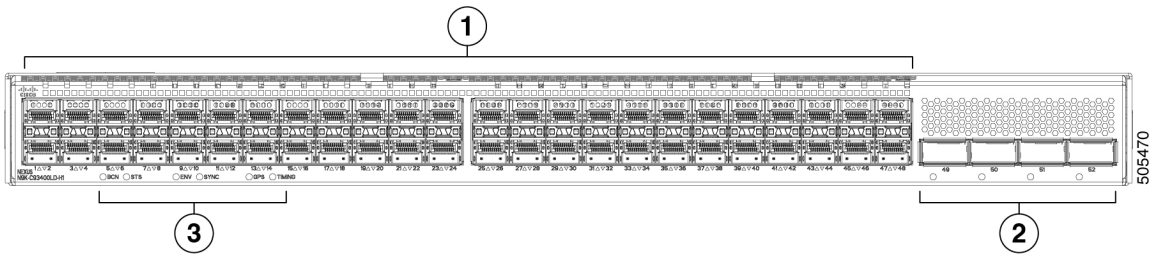
The Cisco Nexus 93400LD-H1 switch (N9K-C93400LD-H1) is a 1-RU fixed-port, L2/L3 switch, designed for deployment in data centers. This switch has 48 50G SFP56 ports, and 4 400G QSFP-DD uplink ports.

This switch includes the following user-replaceable components:

- Fan modules (five) with the following airflow choices:
  - Port-side intake airflow with burgundy coloring (NXA-SFAN-35CFM-PI)
  - Port-side exhaust airflow with blue coloring (NXA-SFAN-35CFM-PE)
- Power supply modules (two—one for operations and one for redundancy [1+1]) with the following choices (a mix of AC and DC power sources is only supported for hot swapping purposes, with a time limit of 15 minutes, but do not mix airflow directions):
  - 1400-W AC power supply with port-side intake airflow (burgundy coloring) (NXA-PAC-1400W-PI)
  - 1400-W AC power supply with port-side exhaust airflow (blue coloring) (NXA-PAC-1400W-PE)
  - 2000-W DC power supply with port-side intake airflow (burgundy coloring) (NXA-PDC-2KW-PI)
  - 2000-W DC power supply with port-side exhaust airflow (blue coloring) (NXA-PDC-2KW-PE)
  - 2000-W HVDC power supply with port-side intake airflow (burgundy coloring) (NXA-PHV-2KW-PI)

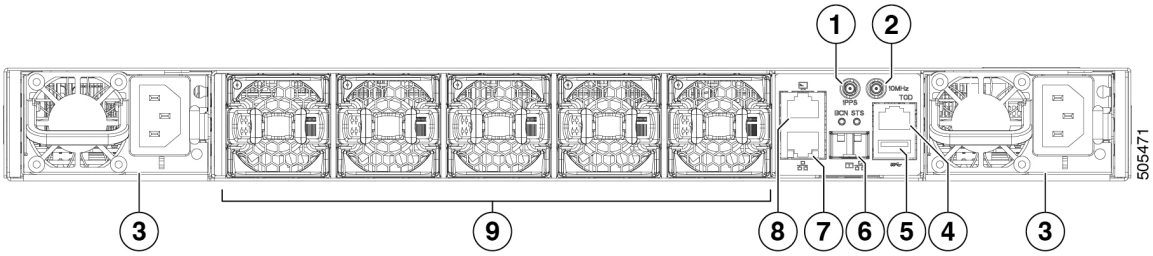
The following figure shows the switch features on the port side of the chassis.



1	50-GE ZSFP ports (48)	2	400-G QSFP-DD ports (4)
3	LEDs (BCN, STS, ENV, SYNC, GPS, TIMING)		

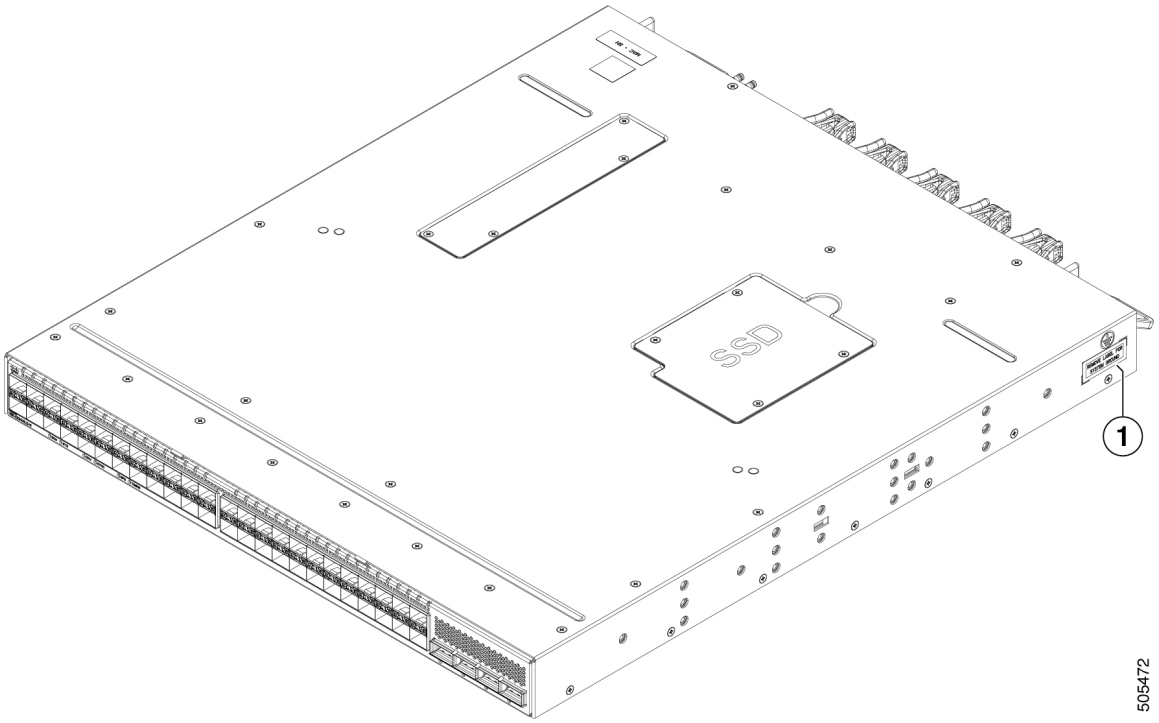
To determine which transceivers, adapters, and cables are support this switch, see the Cisco Transceiver Modules Compatibility Information document.

The following figure shows the switch features on the power supply side of the chassis.



1	DIN connector (1 PPS)	2	DIN connector (10 MHz)
3	Power supply modules (1 or 2) (AC power supplies shown) with slots numbered 1 (left) and 2 (right)	4	Time of Day (ToD) port
5	USB port	6	Management port (SFP)
7	Management port (RJ45)	8	Console port
9	Fan modules (5) with slots numbered 1 (left) to 5 (right)		

The following figure shows the switch features on the side of the chassis.



1	Grounding pad		

The fan and power supply modules are field replaceable. You can replace one fan module or one power supply module during operations so long as the other modules are installed and operating. If you have only one power supply installed, you can install the replacement power supply in the open slot before removing the original power supply.

Caution If the switch has port-side intake airflow (burgundy coloring for fan modules), you must locate the ports in the cold aisle. If the switch has port-side exhaust airflow (blue coloring for fan modules), you must locate the ports in the hot aisle. If you locate the air intake in a hot aisle, the switch can overheat and shut down.

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