

C9606R Datasheet

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Overview

The Cisco Catalyst C9606R chassis is hardware ready to support a wired switching capacity of up to 25.6 Tbps, with up to 6.4 Tbps of bandwidth per slot.

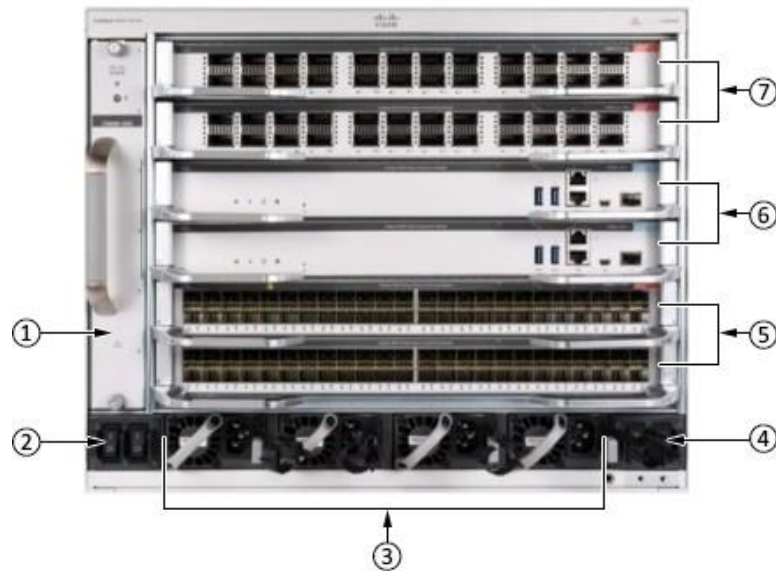
Quick Spec

Table 1 shows the quick spec.

| | |
|--|---|
| Model | C9606R |
| Total number of slots | 6 |
| Line-card slots | 4 |
| Supervisor engine slots | 2 |
| Dedicated supervisor engine slot numbers | 3 and 4 |
| Supervisor engine redundancy | Yes |
| Supervisor engines supported | C9600-SUP-1 |
| Maximum bandwidth scalability per line-card slot | 6.4 Tbps (Hardware ready) 2.4 Tbps (With C9600-SUP-1) |
| Number of power supply bays | 4 |
| Minimum number of power supplies | 2 (Fully loaded 9606R chassis, Minimum 3 power supplies required if input voltage is 110V) |
| Power supplies supported | 2000W AC, 2000W DC |
| Number of fan-tray bays | 1 |

Product Details

Figure 1 shows the front view of C9606R.



Note:

| | |
|-----|-------------------------|
| (1) | Fan tray assembly |
| (2) | Power switches |
| (3) | Power Supply modules |
| (4) | Power switches |
| (5) | Line card slots |
| (6) | Supervisor Module slots |
| (7) | Line card slots |

The Options

Table 2 shows the optional cards, modules, licenses and others of C9606R.

| Product number | Description |
|--------------------------------|--|
| C9600-SUP-1 | Cisco Catalyst 9600 Series Supervisor 1 Module |
| C9600-SUP-1/2 | Cisco Catalyst 9600 Series Redundant Supervisor 1 Module |
| C9600-LC-48YL | Cisco Catalyst 9600 Series 48-Port 25GE/10GE/1GE |
| C9600-LC-24C | Cisco Catalyst 9600 Series 24-Port 40GE/12-Port 100GE |
| C9606-FAN | Cisco Catalyst 9600 Series C9606 Chassis Fan Tray |
| C9K-F2-SSD-240GB | Cisco Catalyst 9600 Series 240GB SSD Storage |
| C9K-F2-SSD-480GB | Cisco Catalyst 9600 Series 480GB SSD Storage |
| C9K-F2-SSD-960GB | Cisco Catalyst 9600 Series 960GB SSD Storage |
| Cisco DNA term licenses | Description |
| C9600-DNA-A | C9600 Cisco DNA Advantage Term License |
| C9600-DNA-A-3Y | C9600 Cisco DNA Advantage 3 Year License |
| C9600-DNA-A-5Y | C9600 Cisco DNA Advantage 5 Year License |

| | |
|----------------------------|--|
| C9600-DNA-A-7Y | C9600 Cisco DNA Advantage 7 Year License |
| C9600-DNA-P | C9600 Cisco DNA Premier License |
| C9600-DNA-P-3Y | C9600 Cisco DNA Premier 3 Year Term License |
| C9600-DNA-P-5Y | C9600 Cisco DNA Premier 5 Year Term License |
| C9600-DNA-P-7Y | C9600 Cisco DNA Premier 7 Year Term License |
| CAT-DNA-P-ADD | Cisco DNA Premier Catalyst Add-on |
| CAT-DNA-P-ADD-3Y | Cisco DNA Premier Catalyst Add-on, 3 Year Term License |
| CAT-DNA-P-ADD-5Y | Cisco DNA Premier Catalyst Add-on, 5 Year Term License |
| CAT-DNA-P-ADD-7Y | Cisco DNA Premier Catalyst Add-on, 7 Year Term License |
| Power supplies | Description |
| C9600-PWR-2KWAC | Cisco Catalyst 9600 Series 2000W AC Power Supply |
| C9600-PWR-2KWDC | Cisco Catalyst 9600 Series 2000W DC Power Supply |
| Spare accessories and kits | Description |
| C9606-SLOT-BLANK | Cisco Catalyst 9600 Series Blank for Chassis Module Slot |
| C9606-PWR-BLANK | Cisco Catalyst 9600 Series Blank for Chassis Power Supply Slot |
| CAB-CONSOLE-USB | Console Cable 6ft with USB Type A and mini-B |
| CAB-CONSOLE-RJ45 | Console Cable 6ft with RJ45 and DB9F |
| C9606-RACK-KIT= | Cisco Catalyst 9600 Series 6 slot chassis Rack Mount |
| C9606-ACC-KIT= | Cisco Catalyst 9600 Series 6 slot chassis Accessory Kit |
| C9606-SHELF-KIT= | Cisco Catalyst 9600 Series 6 slot chassis Shelf Install Kit |
| C9606-FB-23-KIT= | Cisco Catalyst 9600 Series 6 slot chassis Front to Back Kit |

Compare to Similar Item

Table 3 shows the comparison.

| SKU | C9404R | C9606R |
|--|-----------------------------|--|
| Series | Catalyst 9400 | Catalyst 9600 |
| Total number of slots | 4 | 6 |
| Line-card slots | 2 | 4 |
| Supervisor engine slots | 2 | 2 |
| Dedicated supervisor engine slot numbers | 2 and 3 | 3 and 4 |
| Maximum Bandwidth scalability per line-card slot | Up to 480 Gbps on all slots | 6.4 Tbps (Hardware ready) 2.4 Tbps (With C9600-SUP-1) |

Get more information

Do you have any question about the C9500-32QC-A?
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Specification

C9606R Specification

| | |
|--|--|
| Total number of slots | 6 |
| Line-card slots | 4 |
| Supervisor engine slots | 2 |
| Dedicated supervisor engine slot numbers | 3 and 4 |
| Supervisor engine redundancy | Yes |
| Supervisor engines supported | C9600-SUP-1 |
| Maximum bandwidth scalability per line-card slot | 6.4 Tbps (Hardware ready) 2.4 Tbps (With C9600-SUP-1) |
| Number of power supply bays | 4 |
| Minimum number of power supplies | 2 (Fully loaded 9606R chassis, Minimum 3 power supplies required if input voltage is 110V) |
| Power supplies supported | 2000W AC, 2000W DC |
| Number of fan-tray bays | 1 |
| Dimensions (H x W x D) | 35.43 x 44.2 x 40.9 cm 13.95 x 17.4 x 16.1 in. |
| Rack Units (RU) | 8 |
| Input voltage | AC: 90V to 264V, 47 to 63 Hz AC DC: -40V to -72V |
| Operating temperature | -5° to 45° C (23° to 113° F) up to 6000 feet -5° to 40° C (23° to 104° F) up to 10,000 feet |
| Storage temperature | -40° to 75° C (40° to 167° F) |
| Relative humidity, operating and nonoperating, noncondensing | 10% to 95%, noncondensing |
| Altitude | -60 to 3000 m (-197 to 9843 feet) |
| Mean Time Between Failures (MTBF) (hours) | C9606R chassis: 4,113,900 C9606 fan tray: 452,570 |

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