

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.

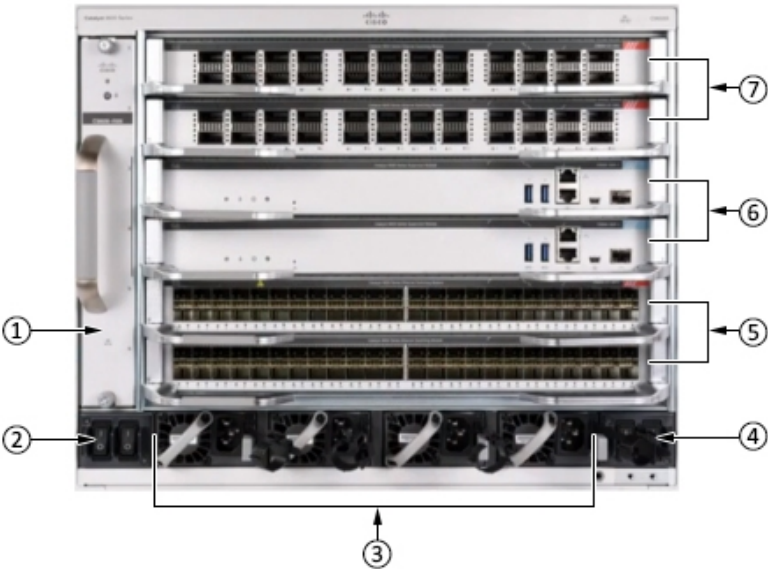
Quick Spec

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

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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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