

Chassis features

Feature	Cisco Catalyst 9606R chassis
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, C9600X-SUP-2
Maximum bandwidth scalability per line-card slot	6.4 Tbps (3.2Tbps full-duplex) with C9600X-SUP-2 2.4 Tbps (1.2Tbps full-duplex) with C9600-SUP-1
Number of power-supply bays	4
Minimum number of power supplies	2 ¹
Power supplies supported	3000W AC, 2000W AC, and 2000W DC
Number of fan-tray bays	1 (with 9 redundant fans)

Physical specifications of Cisco Catalyst 9606R Chassis

Description	Specifications
SKU/PID	C9606R
Dimensions (H x W x D)	35.43 x 44.2 x 40.9 cm 13.95 x 17.4 x 16.1 inches
Rack Units (RU)	8
Chassis weight with 2 power supplies (AC) and fan tray	31.31 kg (69.03 lbs)
Input voltage	AC: 90V to 264V, 47 to 63 Hz DC: -40V to -72V
Operating temperature	-5° to 45° C (23° to 113° F) up to 6000 feet (about 1.83 km) -5° to 40° C (23° to 104° F) up to 10,000 feet (about 3.05 km)
Storage temperature	-40° to 75° C (40° to 167° F)
Relative humidity, operating and non-operating, non-condensing	10% to 95%, Non-condensing
Altitude	-60 to 3000 meter (-197 to 9843 feet)
Mean time between failures (MTBF) (hours)	C9606R 4,113,900 C9606-FAN: 452,570 C9600-PWR-3KWAC: 300,000 C9600-PWR-2KWAC: 300,000 C9600-PWR-2KWDC: 300,000
Chassis weight (without fan tray, without PSU)	25.36 kg (55.90 lbs)
Weight of fan tray	3.56 kg (7.85 lbs)
Weight of individual PSUs	AC PSU (3000W): 1.4 kg (3.09 lbs) AC PSU (2000W): 1.2 kg (2.65 lbs) DC PSU (2000W): 1.28 kg (2.82 lbs)
BTU (British Thermal Unit) of 9606R chassis with fan tray	1,621 (max)