

System Specifications

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C4200 Server Chassis Specifications

This appendix lists the physical, environmental, and power specifications for the server chassis.

Physical Specifications

The following table lists the physical specifications for the C4200 server chassis.

Table 1: Physical Specifications

Description	Specification
Height	3.4 in. (87.2 mm)
Width	16.9 in. (429.3 mm) (width of the chassis rail-receiving surface; not including front latch-handles)
Depth (length)	Server only: 32.6 in. (827.6 mm)
Mariana anti-la	Server with Cisco slide rails and CMA: 38.0 in (965.2 mm)
Maximum weight (fully loaded chassis with four compute nodes)	95.8 lb. (43.5 Kg)

Environmental Specifications

The following table lists the environmental requirements for the C4200 server chassis.

Table 2: Physical Specifications

Description	Specification

Temperature, Operating	41 to 95°F (5 to 35°C)
	Derate the maximum temperature by 1°C per every 305 meters of altitude above sea level.
	For more information, see the Cisco Unified Computing System Site Planning Guide: Data Center Power and Cooling.
Temperature, non-operating	-40 to 149°F (-40 to 65°C)
(when the server is stored or transported)	
Humidity (RH), operating	10 to 90%
Humidity (RH), non-operating	5 to 93%
(when the server is stored or transported)	
Altitude, operating	0 to 10,000 feet
Altitude, non-operating	0 to 40,000 feet
(when the server is stored or transported)	
Sound power level	5.5
Measure A-weighted per ISO7779 LwAd (Bels)	
Operation at 73°F (23°C)	
Sound pressure level	40
Measure A-weighted per ISO7779 LpAm (dBA)	
Operation at 73°F (23°C)	

Power Specifications



Note

Do not mix power supply types or wattages in the server. Both power supplies must be identical.

You can get more specific power information for your exact server configuration by using the Cisco UCS Power Calculator:

http://ucspowercalc.cisco.com

The power specifications for the supported power supply options are listed in the following sections.

2400 W AC Power Supply

This section lists the specifications for each 2400 W AC power supply (Cisco part number UCSC-PSU3-2400W).

Table 3: 2400 W AC Specifications

Description	Specification
AC Input Voltage	Nominal range: 200–240 VAC
	(Range: 180–264 VAC)
AC Input Frequency	Nominal range: 50 to 60Hz
	(Range: 47–63 Hz)
Maximum AC Input current	16 A at 200 VAC
Maximum inrush current	35 A at 35° C
Maximum output power per PSU	2400 W at 200–240 VAC
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP2
Input connector	IEC60320 C20

Power Cord Specifications

Each power supply in the server has a power cord. Standard power cords or jumper power cords are available for connection to the server. The shorter jumper power cords, for use in racks, are available as an optional alternative to the standard power cords.



Note

Only the approved power cords or jumper power cords listed below are supported.

Table 4: Supported Power Cords

Description	Length (Feet)	Length (Meters)
Argentina	14	4.26
CAB-IR2073-C19-AR		
AC power cord, 16 A, 250 VAC		
Plugs: IRSM 2073 to IEC 60320 C19		

CAB-AC-16A-AUS AC power cord, 16 A, 250 VAC Plugs: AU20S3 to IEC 60320 C19 Brazil CAB-9K16A-BRZ AC power cord, 16 A, 250 VAC Plugs: EL224 to IEC 60320 C19 Europe, Continental CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC Plugs: CEE 7/7 to IEC 60320 C19
Plugs: AU20S3 to IEC 60320 C19 Brazil CAB-9K16A-BRZ AC power cord, 16 A, 250 VAC Plugs: EL224 to IEC 60320 C19 Europe, Continental CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
Brazil 14 4.26 CAB-9K16A-BRZ AC power cord, 16 A, 250 VAC Plugs: EL224 to IEC 60320 C19 Europe, Continental 14 4.26 CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
CAB-9K16A-BRZ AC power cord, 16 A, 250 VAC Plugs: EL224 to IEC 60320 C19 Europe, Continental CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
AC power cord, 16 A, 250 VAC Plugs: EL224 to IEC 60320 C19 Europe, Continental CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
Plugs: EL224 to IEC 60320 C19 Europe, Continental 14 4.26 CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
Europe, Continental CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
CAB-AC-2500W-EU AC power cord, 16 A, 250 VAC
AC power cord, 16 A, 250 VAC
Plugs: CEE 7/7 to IEC 60320 C19
India 14 4.26
CAB-SABS-C19-IND
AC power cord, 16 A, 250 VAC
Plugs: SABS 164-1 to IEC 60320 C19
International 14 4.26
CAB-AC-2500W-INT
AC power cord, 16 A, 250 VAC
Plugs: IEC 309 to IEC 60320 C19
Israel 14 4.26
CAB-AC-2500W-ISRL
AC power cord, 16 A, 250 VAC
Plugs: SI16S3 to IEC 60320 C19
Israel 14 4.26
CAB-S132-C19
AC power cord, 16 A, 250 VAC
Plugs: S132 to IEC 60320 C19
Italy 14 4.26
CAB-C2316-C19-IT
AC power cord, 16 A, 250 VAC
Plugs: CEI 23-16 to IEC 60320 C19

Japan	10	3
CAB-C19-C20-3M-JP		
AC power cord, 16 A, 250 VAC		
Plugs: C20 to IEC 60320 C19		
Includes Japan PSE mark		
Korea	14	4.26
CAB-9K16A-KOR		
AC power cord, 16 A, 250 VAC		
Plugs: Src plug to IEC 60320 C19		
North America and Japan	14	4.26
Non-locking		
CAB-AC-2500W-US1		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA 6-20 to IEC 60320 C19		
North America and Japan	14	4.26
Locking		
CAB-AC-C6K-TWLK		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA L6-20 to IEC 60320 C19		
Peoples Republic of China	14	4.26
CAB-AC-16A-CH		
AC power cord, 16 A, 250 VAC		
Plugs: NGB16C to IEC 60320 C19		
Taiwan	7.5	2.3
CAB-AC-C19-TW		
AC power cord, 16 A, 250 VAC		
Plugs: TW1-15P to IEC 60320 C19		
Switzerland	8	2.5
CAB-ACS-16		
AC power cord, 16 A, 250 VAC		
Plugs: SEV 5934-2, Type 23 to IEC 60320 C19		

		4.26
CAB-BS1363-C19-UK		
AC power cord, 16 A, 250 VAC		
Plugs: BS-1363 to IEC 60320 C19		
United States 6	6	1.8
CAB-L520P-C19-US		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA L5-20 to IEC 60320 C19		
United States 1	13	4
CAB-US515-C19-US		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA 5-15 to IEC 60320 C19		
United States 1	14	4.26
CAB-US520-C19-US		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA 5-20 to IEC 60320 C19		
United States 1	13	4
CAB-US620-C19-US		
AC power cord, 16 A, 250 VAC		
Plugs: NEMA 6-20 to IEC 60320 C19		
Cabinet Jumper Power Cord 9	9	2.7
CAB-C19-CBN		
AC power cord, 16 A, 250 VAC		
Plugs: IEC 60320 C20 to IEC 60320 C19		
No power cord option	NA	NA
R2XX-DMYMPWRCORD		