System Specifications

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) 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 (when the server is stored or transported)	–40 to 149°F (–40 to 65°C)
Humidity (RH), operating	10 to 90%
Humidity (RH), non-operating (when the server is stored or transported)	5 to 93%
Altitude, operating	0 to 10,000 feet
Altitude, non-operating (when the server is stored or transported)	0 to 40,000 feet
Sound power level Measure A-weighted per ISO7779 LwAd (Bels) Operation at 73°F (23°C)	5.5
Sound pressure level Measure A-weighted per ISO7779 LpAm (dBA) Operation at 73°F (23°C)	40

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 CAB-IR2073-C19-AR AC power cord, 16 A, 250 VAC Plugs: IRSM 2073 to IEC 60320 C19	14	4.26

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

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

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