

Technical Specifications

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Technical Specifications

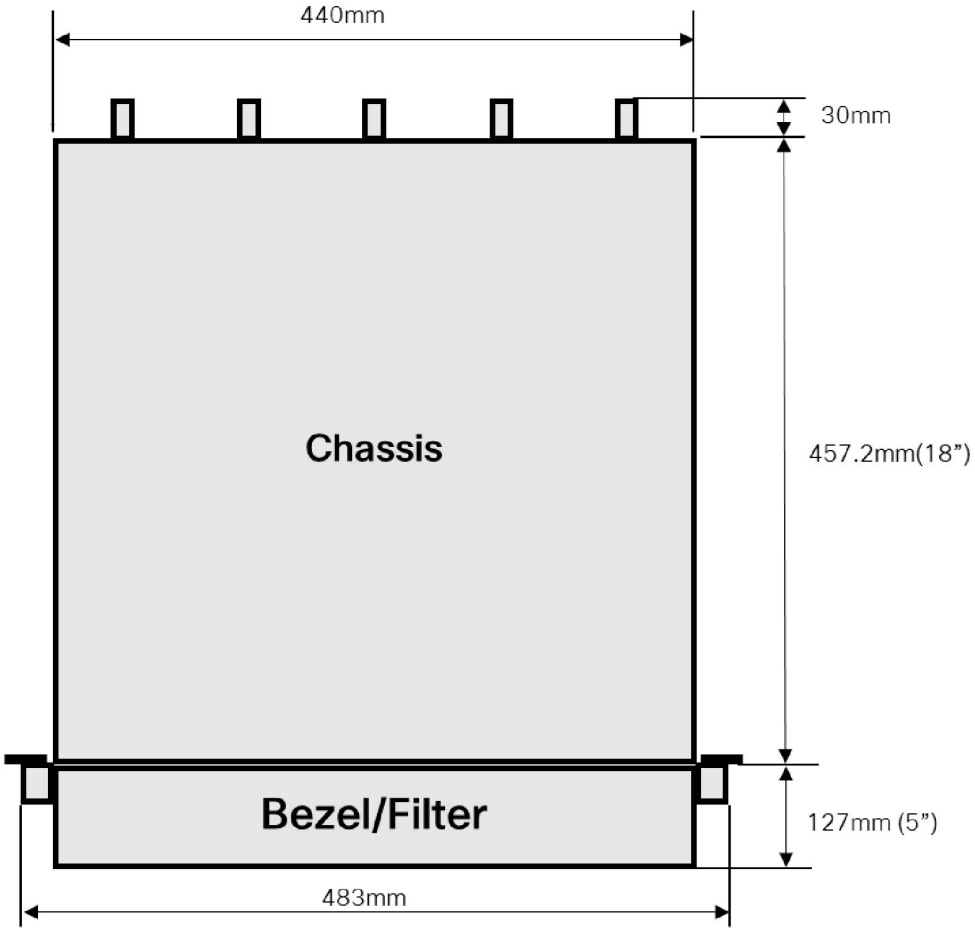
The Cisco UCS XE9305 Chassis has the following technical specifications.

- Physical Specifications, on page 1
- Environmental Specifications
- Acoustic Specifications

Physical Specifications

The Cisco UCS XE9305 Chassis has the following dimensions.

Technical Specifications



490993

Specification	Value
Height	5.12 in (13 cm), 3 RU
Width	17.32 in (44 cm)
Depth	• Chassis only: 18 in. (45.7cm) • Chassis with security bezel or air filter: 23 in. (58.4cm)
Weight	The weight depends on the components installed. • Empty chassis with five fans, two PSUs, and two eCMC modules: 37.94 lb (17.21 kg) • Fully populated chassis: Approximately 82.23 lbs (37.3 kg) depending on models and options selected.

Specification	Value
Compute Node Slots	Five half-width slots
Fan Module Slots	Five slots for 80 mm hot-swappable dual-rotor fans
Power Supply Slots	2

Environmental Specifications

The Cisco UCS XE9305 Chassis has been tested for operational performance and rated at the following:

Specification	Value
Temperature, Operating	Supported operating temperatures depend on the compute node's configuration. • 32 to 113°F sea level (0 to 45°C sea level) with four 1.9 TB E3.S drives. As altitude increases, maximum temperature decreases by 1°C per 300 m. • 32 to 104°F sea level (0 to 40°C sea level) with four 7.6 TB E3.S drives. As altitude increases, maximum temperature decreases by 1°C per 300 m. • 32 to 95°F sea level (0 to 35°C sea level) with four 15.3 TB E3.S drives. As altitude increases, maximum temperature decreases by 1°C per 300 m). For NEBS short-term support, 23 to 131°F sea level (-5 to 55°C sea level) with two 1.9 TB E3.S drives. As altitude increases, maximum temperature decreases by 1°C per 300 m.
Temperature, Non-Operating	-40° to 185° F (–40° to 85° C); maximum altitude is 40,000 ft
Humidity, Operating	5% to 85% non condensing
Humidity, Non-Operating	5% to 93% non condensing
Altitude, Operating	0 to 10,000 ft (0 to 3000m); maximum ambient temperature decreases by 1°C per 300m
Altitude, Non-Operating	40,000 ft (12,000m)

Power Specifications

The Cisco UCS XE9305 Chassis has been tested and rated at the following with 2400W Titanium certified power supplies.

Specification	Value
Input Voltage	100 to 127 V AC 200 to 240 V AC
Maximum Input V A	3840 VA at 230 VAC

Specification	Value
Maximum Output Power per Power Supply	2400 W AC at 200-240 VAC Nominal 1300 W at 100-127 VAC Nominal
Frequency	47 to 63 Hz
Output Voltage	12 V
Power Connector	IEC320 C20

Acoustical Specifications

The Cisco UCS XE9305 Chassis has been tested for ambient noise levels and rated at the following:

- Sound Pressure Level: 40s dBA – at < 20% load and at 25°C operating temperature