

Compute Node Specifications

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Physical Specifications for the UCS X210c M8 Compute Node

Specification	Value
Height	1.8 inches (45.72 mm)
Width	11.28 inches (286.52 mm)
Depth	22.44 inches (569.98 mm)
Weight	The weight depends on the components installed. • Minimally configured compute node weight: 12.84 lb (5.83 kg) • Fully configured compute node weight: 25.1 lb (11.39 kg)

Environmental Specifications

Specification	Value

Temperature, Operating	Supported operating temperatures depend on the compute node's configuration.
	• For 256 GB DDR5 DIMMs: 50° to 89.6° F (10° to 32° C) at 0 to10,000 ft altitude
	• All other memory configurations: 50° to 95° F (10° to 35° C) at 0 to10,000 ft altitude
	• For Granite Rapids CPUs
	  • With full HDDs installed, 50 °F to 95 °F (10 °C to 35 °C) all CPU SKUs, except for 330 W and 350 W XCC SKUs: 50 °F to 90 °F (10 °C to 32 °C)
	  • With less than full HDDs installed, and for all CPU SKUs: 50 °F to 95 °F (10 °C to 35 °C)

Temperature, Non-Operating	-40° to 149° F (–40° to 65° C)
Humidity, Operating	5% to 93% noncondensing
Humidity, Non-Operating	5% to 93% noncondensing
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

Specification	Value
Input Voltage	54VDC @ 28.5 Amps
Power Envelope	Max 2368W @ 3ms; 1540W TDC