



Technical Specifications

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Physical Specifications

Physical Dimensions for Cisco Catalyst 1000 Series Switches	
Weight	<ul style="list-style-type: none">• 3.96 lbs (1.8 kg) (C1000-8T-2G-L)• 3.41 lbs (1.55 kg) (C1000-8T-E-2G-L)• 5.95 lbs (2.7 kg) (C1000-8P-2G-L)• 3.41 lbs (1.55 kg) (C1000-8P-E-2G-L)• 5.95 lbs (2.7 kg) (C1000-8FP-2G-L)• 3.41 lbs (1.55 kg) (C1000-8FP-E-2G-L)• 3.92 lbs (1.78 kg) (C1000-16T-2G-L)• 3.13 lbs (1.42 kg) (C1000-16T-E-2G-L)• 5.24 lbs (2.38 kg) (C1000-16P-2G-L)• 3.13 lbs (1.42 kg) (C1000-16P-E-2G-L)• 5.48 lbs (2.49 kg) (C1000-16FP-2G-L)

Dimensions (W x D x H)	<ul style="list-style-type: none"> • 10.56 x 7.28 x 1.73 in (C1000-8T-2G-L) • 10.56 x 7.28 x 1.73 in (C1000-8T-E-2G-L) • 10.56 x 12.73 x 1.73 in (C1000-8P-2G-L) • 10.56 x 7.28 x 1.73 in (C1000-8P-E-2G-L) • 10.56 x 12.73 x 1.73 in (C1000-8FP-2G-L) • 10.56 x 7.28 x 1.73 in (C1000-8FP-E-2G-L) • 10.56 x 10.69 x 1.73 in (C1000-16T-2G-L) • 10.56 x 8.26 x 1.73 in (C1000-16T-E-2G-L) • 10.56 x 11.69 x 1.73 in (C1000-16P-2G-L) • 10.56 x 8.26 x 1.73 in (C1000-16P-E-2G-L) • 10.56 x 12.14 x 1.73 in (C1000-16FP-2G-L)
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Environmental Specifications

Environmental Ranges	
Operating temperature 1	23 to 122°F (-5 to 50°C) up to 5,000 ft (1524 m)
Storage temperature	-13° to 158°F (-25° to 70°C) up to 15,000 ft (4572 m)
Operating relative humidity	5% to 90% (noncondensing)
Storage relative humidity	5% to 95% (noncondensing)
Storage altitude	Up to 15,000 ft (4572 m)

¹ Minimum ambient temperature for cold start is 32°F (0°C)



Note When using the Cisco Catalyst 1000 series 8-port and 16-port switches with GLC-BX-U or GLC-BX-D SFP module, the thermal limitations are as follows:

- Up to 5,000 ft (1524 m), the operation temperature should not exceed 113°F (45°C).
- Up to 10,000 ft (3048 m), the operation temperature should not exceed 104°F (40°C).

Power Requirements

Table 1: Power Requirements

Switch Model	Voltage (auto ranging)	Frequency	Current	Power Rating (maximum consumption)
C1000-8T-2G-L	100 to 240V AC in	50 to 60 Hz	0.15A to 0.25A	0.016 kVA
C1000-8T-E-2G-L	100 to 240V AC in	50 to 60 Hz	0.16A to 0.26A	0.017 kVA
C1000-8P-2G-L	100 to 240V AC in	50 to 60 Hz	0.23A to 0.27A	0.089 kVA
C1000-8P-E-2G-L	100 to 240V AC in	50 to 60 Hz	0.22A to 0.37A	0.087 kVA
C1000-8FP-2G-L	100 to 240V AC in	50 to 60 Hz	0.23A to 0.28A	0.015 kVA
C1000-8FP-E-2G-L	100 to 240V AC in	50 to 60 Hz	0.15A to 0.20A	0.015 kVA
C1000-16T-2G-L	100 to 240V AC in	50 to 60 Hz	0.24A to 0.38A	0.08 kVA
C1000-16T-E-2G-L	100 to 240V AC in	50 to 60 Hz	0.19A to 0.31A	0.05 kVA
C1000-16P-2G-L	100 to 240V AC in	50 to 60 Hz	0.22A to 0.27A	0.25 kVA
C1000-16P-E-2G-L	100 to 240V AC in	50 to 60 Hz	0.14A to 0.24A	0.20 kVA
C1000-16FP-2G-L	100 to 240V AC in	50 to 60 Hz	0.35A to 0.37A	0.45 kVA

PoE Power Consumption

Switch Model	Consumption without PoE (Watts)	Consumption with PoE (Watts)	Available PoE	Maximum Power Wattage for BTU/hr
C1000-8T-2G-L	14.26	-	-	16.249
C1000-8T-E-2G-L	14	-	-	16.78
C1000-8P-2G-L	12.19	80.24	67	89.71
C1000-8P-E-2G-L	15.71	67.82	67	87.78
C1000-8FP-2G-L	14.52	138.15	120	156.15
C1000-8FP-E-2G-L	15.7	141.16	120	153.35
C1000-16T-2G-L	16.68	-	-	18.89
C1000-16T-E-2G-L	16.68	-	-	18.92

Switch Model	Consumption without PoE (Watts)	Consumption with PoE (Watts)	Available PoE	Maximum Power Wattage for BTU/hr
C1000-16P-2G-L	16.92	136.92	120	40.7
C1000-16P-E-2G-L	16.32	136.32	120	36.68
C1000-16FP-2G-L	16.8	256.8	240	54.4