Gear Net Technologies

C6807-XL Datasheet

Overview

Catalyst 6807-XL 7-slot chassis, 10RU (spare).This C6807-XL is similar with the C6807-XL=. The C6807-XL= is a spare one.
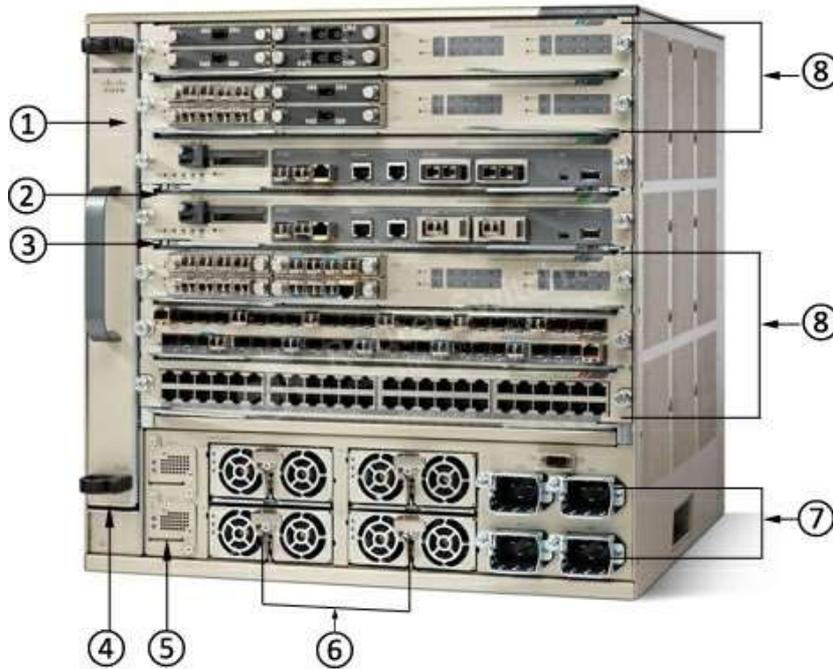
Quick Specs

Figure 1 shows the appearance of C6807-XL.

Table 1 shows the Quick Specs.

Product Code	C6807-XL
Number of slots	7
Number of Supervisor Engine Slots	2
Number of Module Slots	5
redundant supervisor engines	Yes
system bandwidth capacity	up to 11.4 terabits per second (Tbps)
per-slot bandwidth for all slots	440 Gbps
Rack units (RU)	10
Power Supply Compatibility	AC: 3000W (up to 4 power supplies)
Operating temperature (T-T)	32 - 104 °F
redundant power supply modules	Yes(AC input)
Input Voltage	100 to 240 VAC -48 to -60 VDC
Physical Dimensions (H x W x D)	·Inches#17.45 x 17.37 x 18.1 ·Centimeters#44.3 x 44.1 x 46
Weight	·Chassis Only (lbs)#62 ·Fully Configured (lbs)#185

Product Details

Figure 2 shows the Cisco Catalyst 6807-XL Front Panel.

Note:

(1)	Fan tray
(2)	Supervisor engine slot
(3)	Supervisor engine slot
(4)	System ground connector
(5)	Power supply converter (PSC), labeled PSC1 and PSC2
(6)	Power supply modules (PSMs), labeled 1 through 4
(7)	Power entry modules (PEMs), labeled AC1 through AC4
(8)	Module slots (line cards) 1, 2, 5,6, and 7

·Fan Tray, Sup6T and 2 Power Supplies are provided in the C6807-XL, other module are not included in the C6807-XL; they are ordered separately.

The Power

Table 2 shows the recommended elements for the C6807-XL.

Category	Model	Description
Power	C6800-XL-3KW-AC	Catalyst 6807-XL 3000W Power Supply

Compare to Similar Items

Table 3 shows the comparison of C6807-XL and C6880-X-LE.

Product Code	C6807-XL	C6880-X-LE
Product Type	Switch Chassis	Switch Chassis
Rack units	10RU	5RU
Supervisor engines	Super 2T Engine	Super 2T Engine
redundant power supply modules	Yes(AC input)	Yes

Input Voltage	100 to 240 VAC -48 to -60 VDC	110 V AC 220 V AC

Get More Information

Do you have any question about the Cisco C6807-XL?

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Specification

C6807-XL= Specification	
Number of Slots	7
Number of Supervisor Engine Slots	2
Number of Module Slots	5
Supervisor Compatibility	C6800-SUP6T C6800-SUP6T-XL VS-S2T-10G VS-S2T-10G-XL
Module Compatibility	C6800-32P10G C6800-32P10G-XL C6800-16P10G C6800-16P10G-XL C6800-8P10G C6800-8P10G-XL WS-X6904-40G-2T WS-X6904-40G-2TXL WS-X6908-10G-2T WS-X6908-10G-2TXL WS-X6816-10G-2T WS-X6816-10G-2TXL WS-X6816-10T-2T WS-X6816-10T-2TXL WS-X6848-SFP-2T WS-X6848-SFP-2TXL WS-X6824-SFP-2T WS-X6824-SFP-2TXL WS-X6848-TX-2T WS-X6848-TX-2TXL WS-X6704-10GE (with CFC or DFC4) WS-X6748-GE-TX (with CFC or DFC4) WS-X6748-SFP (with CFC or DFC4) WS-X6724-SFP (with CFC or DFC4) WS-X6716-10G-3C (with DFC4) WS-X6716-10G-3CXL (with DFC4XL) WS-X6716-10T-3C (with DFC4) WS-X6716-10T-3CXL (with DFC4XL) NAM3 ASA-SM WiSM2 ACE30
Performance	The chassis is capable of up to 440 Gbps per slot The performance of the individual modules is available in the module data sheets.
Power Supply Compatibility	AC: 3000W (up to 4 power supplies)
Reliability and Availability	
Online Insertion and Removal (OIR)	OIR of the following components: supervisor engines, line card modules, power supplies, and fan tray
MIBs	Check the supervisor engine data sheet
Network Management	Check the supervisor engine data sheet

Physical Dimensions (H x W x D)	
Inches	17.45 x 17.37 x 18.1
Centimeters	44.3 x 44.1 x 46
Rack units (RU)	10
Weight	
Chassis Only (lbs)	62
Fully Configured (lbs)	185
Input Voltage	100 to 240 VAC -48 to -60 VDC
Safety	UL 60950 Second Edition CAN/CSA-C22.2 No. 60950 Second Edition EN 60950 Second Edition IEC 60950 Second Edition AS/NZS 60950
EMC	FCC Part 15 (CFR 47) Class A VCCI Class A EN55022 Class A CISPR 22 Class A CE marking AS/NZS 3548 Class A ETS300 386 EN55024 EN61000-6-1 EN50082-1
ETSI	ETS 300 019 Storage Class 1.1 ETS 300 019 Transportation Class 2.3 ETS 300 019 Stationary Use Class 3.1
Operating Environment	
Operating Temperature	32°F to 104°F (0 to 40°C)
Storage Temperature	-4 to 149°F (-20 to 65°C)
Thermal Transition	0.5°C per minute (hot to cold) 0. 33°C per minute (cold to hot)
Relative Humidity	Ambient (noncondensing) operating: 5% to 90% Ambient (noncondensing) nonoperating and storage: 5% to 95%
Operating Altitude	Certified for operation: 0 to 6500 ft (0 to 2000 m) Designed and tested for operation: -200 to 10,000 ft (-60 to 3000 m)

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