

WS-C2960S-48FPS-L Datasheet

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Overview

The WS-C2960S-48FPS-L is different from the WS-C2960S-48LPS-L in the PoE capabilities, because Cisco WS-C2960S-48FPS with Full PoE function can offer 740W PoE Power total with 24 ports up to 30W per switch ports or 48 ports up to 15.4W per switch port. But Cisco Catalyst Switch 2960S-48FPS-L and 2960S-48LPS-L share a similar datasheet with 4 One Gigabit Ethernet SFP uplink ports and optional Cisco FlexStack stacking supporting 20 Gbps of throughput. Both are Catalyst 2960-S models with LAN Base Software.

Quick Specs

Figure 1 shows the appearance of the WS-C2960S-48FPS-L.

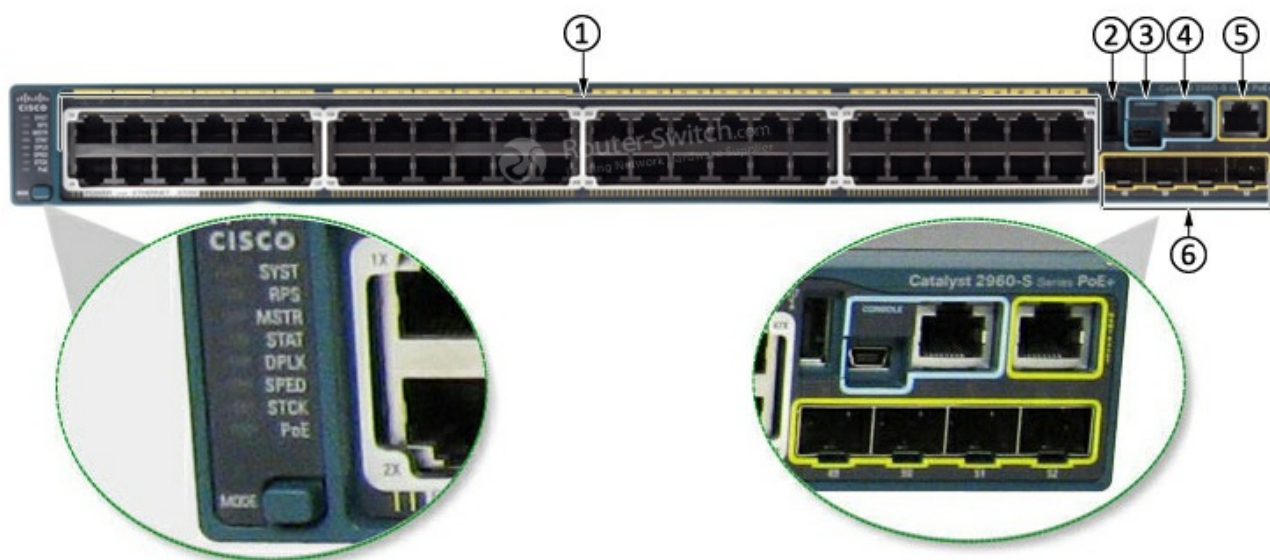


Table 1 shows the Quick Spec of the WS-C2960S-48FPS-L.

Product Code	WS-C2960S-48FPS-L
Enclosure Type	Rack-mountable - 1U
Feature Set	LAN Base
PoE capacity	740W
Uplink Interfaces	Four 1G Small Form-Factor Pluggable(SFP)
Downlink Ports	48 × Ethernet 10/100/1000 PoE+ ports
Expansion Slot(s)	1 (total) / 1 (free) × Stacking Module
Switching capacity	176 Gbps
Forwarding/Filtering Rate:	77.4 Mpps
DRAM	128 MB
Flash Memory	64 MB
Dimensions	44.5 × 38.6 × 4.5 cm
Package Weight	10.65 Kg

Product Details

Figure 2 shows the front panel of the WS-C2960S-48FPS-L.



Note:

(1)	48 × Ethernet 10/100/1000 PoE+ ports	(4)	RJ45 Console Port
(2)	USB Type A Port	(5)	Ethernet Management Port
(3)	USB mini-Type B (console) Port	(6)	SFP Module Slots

Figure 3 shows the back panel of the WS-C2960S-48FPS-L.



Note:

(1)	1 (total) / 1 (free) x Stacking Module	(3)	RPS Connector
(2)	Fan Exhaust	(4)	AC power connector

The Accessories

Table 2 shows some accessories of the WS-C2960S-48FPS-L.

Models	Description
C2960S-STACK	Catalyst 2960S FlexStack Stack Module optional for LAN Base
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver

GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F

Compare to Similar Items

Table 3 shows the comparison of similar items.

Models	WS-C2960S-48FPS-L	WS-C2960S-48LPS-L
Ports	48 × Ethernet 10/100/1000 PoE+ ports	48 × Ethernet 10/100/1000 PoE+ ports
PoE Capacity	740W	370W
Uplinks	4 x 1G SFP	4 x 1G SFP
Feature Set	LAN Base	LAN Base
Stackable	Yes	Yes

Get more information

Do you have any question about the WS-C2960S-48FPS-L?

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Specification

WS-C2960S-48FPS-L Specifications	
General Information	
Manufacturer	Cisco
Product ID:	WS-C2960S-48FPS-L
Product Description:	Cisco CAT2960S Stack 48 Gige-POE 740W 4 x SFP LAN
Product Type:	Ethernet Switch
Marketing Information	
The Cisco Catalyst WS-C2960S-48FPS-L Ethernet Switch is the leading Layer 2 edge, providing improved ease of use, highly secure business operations, improved sustainability, and a borderless network experience. It include new Cisco FlexStack switch stacking capability with 1 and 10 Gigabit connectivity, and Power over Ethernet Plus (PoE+) with the Cisco Catalyst 2960 Switch offering fast Ethernet access connectivity and PoE capabilities. It is fixed-configuration access switch designed for enterprise, midmarket, and branch office networks to provide lower total cost of ownership.	
Interfaces/Ports	
Number of Ports:	48
Gigabit Ethernet Port:	Yes
Interfaces/Ports:	48 x RJ-45 10/100/1000Base-T PoE LAN
Media & Performance	
Forwarding/Filtering Rate:	77.4 Mpps
Switching Throughput:	176 Gbps
I/O Expansions	
Number of Expansion Slots:	5

Expansion Slots:	(4 Total) SFP (mini-GBIC) Uplink
	(1 Total) Stacking Module
Network & Communication	
Layer Support:	2
Management & Protocols	
Manageable:	Yes
Management:	DHCP QoS VLAN SNMP v1, v2, v3 Syslog CLI RMON CiscoWorks LAN Management Solution
Memory	
Standard Memory:	128MB
Memory Technology:	DRAM
Flash Memory:	64MB
Software	
Operating System:	Cisco IOS
Power Description	
Power Over Ethernet:	Yes
Power Source:	Power Supply
Redundant Power Supply:	Yes
Physical Characteristics	
Compatible Rack Unit:	1U
Form Factor:	Rack-mountable
	Stackable
Dimensions:	1.75" Height x 17.50" Width x 15.20" Depth
Weight (Approximate):	13 lb

Download Resource

Transition Guide

-  [Cisco Catalyst 2960/2960-SF/2960-S Series Transition Guide](#)
-  [Guide to Upgrade Cisco Access and Backbone Switch](#)
-  [Selecting Cisco Switches-Campus, Branch, Digital Building](#)

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