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Overview

Cisco Catalyst 2960X series 48 ports LAN Base stackable switch is comprised of 48 x Ethernet 10/100/1000 ports with POE+ and 2 x 10G SFP+ uplink interfaces. It delivers Power over Ethernet Plus(PoE+) that supports up to 740W of PoE budget for 24 ports with 30W per port or 48 ports with 15.4W per port.

Quick Specification

Product Code	WS-C2960X-48FPD-L
Enclosure Type	Rack-mountable - 1U
Feature Set	LAN Base
Uplink Interfaces	2 x 10G SFP+
Ports	48 x 10/100/1000 Ethernet Gigabit ports
Available PoE Power	740W
Maximum stacking number	8
Stack bandwidth	80G
Forwarding Performance	107.1Mpps
Switching Bandwidth	216Gbps
RAM	512 MB
Flash Memory	128 MB
Dimensions	44.5 cm x 36.8 cm x 4.5 cm
Package Weight	23.48 lb (10.65 Kg)

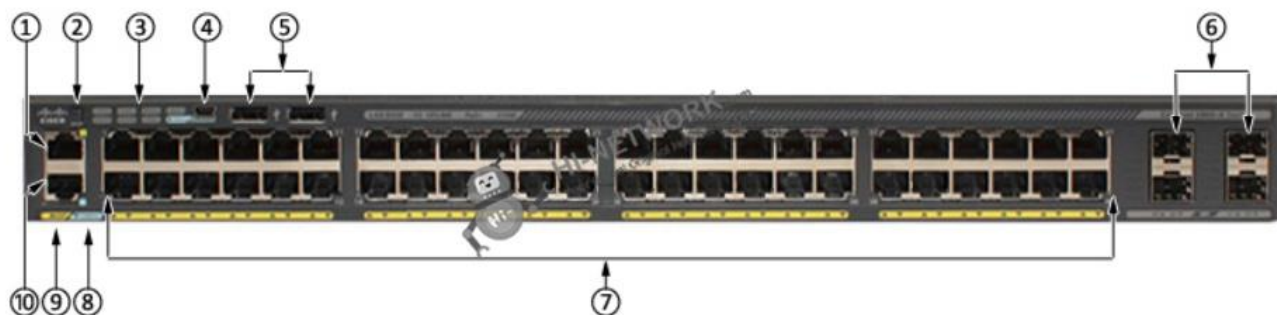


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Product Details:

The Front Panel:



①	Ethernet management port
②	Mode button
③	Switch LEDs
④	USB mini-Type B(console) port
⑤	USB Type A ports
⑥	SFP+ module ports
⑦	48 x 10/100/1000 ports
⑧	CONSOLE LED
⑨	MGMT LED
⑩	RJ-45 console port



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The Back Panel:



①	FlexStack-Plus module slot and cover
②	Fan Exhaust
③	RPS Connector
④	AC power connector

The stackable capacity

This C2960X switch delivers stackable capacity that supports up to 8 switches stacking with same 2960-X LAN base series. It also can stack up to 4 switches stacking when mixed with 2960-S LAN base series switches.



Accessories For C2960CX:

Modules and Cables:

Part number	Description
C2960X-STACK	Catalyst 2960-X FlexStack Plus Stacking Module
CAB-STK-E-0.5M	Cisco FlexStack Stacking Cables

WS-C2960X-48FPD-L Datasheet



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GLC-LH-SMD	Cisco GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B

Get more information:

Do you have any question about WS-C2960X-48FPD-L?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Model	WS- C2960X-48FPD-L
Enclosure type	Rack-mountable - 1U
Ports	48 x 10/100/1000 + 2 x 10G SFP+
Network management Interface	10/100 Mbps Ethernet (RJ-45)
Available PoE Power	740W
Forwarding bandwidth(Gbps)	108Gbps
Maximum stacking number	8
Stack Bandwidth	80 G
Forwarding Performance	130.9Mpps
Switching bandwidth	216Gbps
Maximum active VLANs	1023
MAC Address Table Size	16K (default)
CPU	APM86392 600MHz dual core
RAM	256 MB
Flash Memory	64 MB
Status Indicators	Per-port status: Link integrity, disabled, activity, speed, and full duplex System status: System, RPS, Stack link status, link duplex, PoE, and link speed
Expansion / Connectivity	
Console ports	USB (Type-B), Ethernet (RJ-45)
Stacking cable	Optional
Power Redundancy	Option (PWR-RPS2300)
Voltage range (Auto)	110V-240V
Power Consumption Operational	0.89KVA
Miscellaneous	



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Width	17.5 Inches (44.5 cm)
Depth	14.5 Inches (36.8 cm)
Height	1.75 Inches (4.5 cm)
Package Weight	23.48 lb (10.65 Kg)
Weight	12.9 lb (5.8 Kg)
Rack Mounting Kit	optional
MTBF in hours	233,370
Compliant Standards	<p>IEEE 802.1D Spanning Tree Protocol</p> <p>IEEE 802.1p CoS Prioritization</p> <p>IEEE 802.1Q VLAN</p> <p>IEEE 802.1s</p> <p>IEEE 802.1w</p> <p>IEEE 802.1X</p> <p>IEEE 802.1ab (LLDP)</p> <p>IEEE 802.3ad</p> <p>IEEE 802.3af and IEEE 802.3at</p> <p>IEEE 802.3ah (100BASE-X single/multimode fiber only)</p> <p>IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports</p> <p>IEEE 802.3 10BASE-T</p> <p>IEEE 802.3u 100BASE-TX</p> <p>IEEE 802.3ab 1000BASE-T</p> <p>IEEE 802.3z 1000BASE-X</p> <p>RMON I and II standards</p> <p>SNMP v1, v2c, and v3</p> <p>IEEE 802.3az</p> <p>IEEE 802.1ax</p>
System software / license	
System software	IOS LAN BASE
License	NERGY-MGT-100-K9, EW-DO-100-DE
Features	<p>RPS Support</p> <p>Jumbo Frames</p> <p>VLANS</p> <p>Voice Vlan</p> <p>VTPv2</p> <p>CDPv2</p> <p>LLDP</p> <p>802.3ad LACP</p> <p>PVST/PVST+</p> <p>802.1W/802.1S</p> <p>Port Fast/Uplink Fast</p> <p>port CoS Trust and Override</p> <p>Scheduling</p>





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	<ul style="list-style-type: none"> Priority Queuing Configure CoS Priority Queues Weighted Tail Drop DSCP transparency
Network security	<ul style="list-style-type: none"> SSH, SSL and SCP RADIUS and TACACS+ SNMPv3 crypto 802.1x 802.1x Accounting / MIB 802.1x w/ portsecurity 802.1x w/Voice VLAN 802.1x Guest VLAN 802.1x VLAN assignment 802.1x MAC-Auth Bypass BPDU/Root Guard Port Security Private VALN Edge Storm Control Block unknown unicast andmulticast IGMP Snooping IGMP Filter/Throttle
Management and Troubleshooting	<ul style="list-style-type: none"> Auto-MDOX TDR UDLD IP SLA Responder layer 2 / IP Traceroute SPAN RSPAN Express Setup Device Manager Cisco Network Assistant Smartports + Advisor Troubleshooting Advisor Drag-and-drop Cisco IOS Upgrade IP Address DHCP Autoinstall with saved configuration Configuration Replace DHCP Auto Image Upgrade DHCP Port Based Allocation Error Disable MIB
Environmental Ranges	
Operating temperature up to 5000 ft (1500 m)	23°F to 113°F
Operating temperature up to 10,000 ft (3000 m)	23°F to 104°F
Short-term exception at sea level*	23°F to 131°F





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Short-term exception up to 5000 feet (1500 m)*	23°F to 122°F
Short-term exception up to 10,000 feet (3000 m)*	23°F to 113°F
Short-term exception up to 13,000 feet (4000 m)*	23° to 104°F
Storage temperature up to 15,000 feet (4573 m)	-13° to 158°F
Operating altitude	Up to 10,000 feet
Storage altitude	Up to 13,000 feet
Operating relative humidity	10% to 95% noncondensing
Storage relative humidity	10% to 95% noncondensing

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WhatsApp Business: +8618057156223

