

Overview

Cisco Catalyst 2960X series 24 ports LAN Base stackable switch delivers Power over Ethernet Plus (PoE+) technology and 2 x 10G SFP+ uplink ports.

Quick Specs

Figure 1 shows the appearance of the Cisco Catalyst 2960X-24PD-L switch.

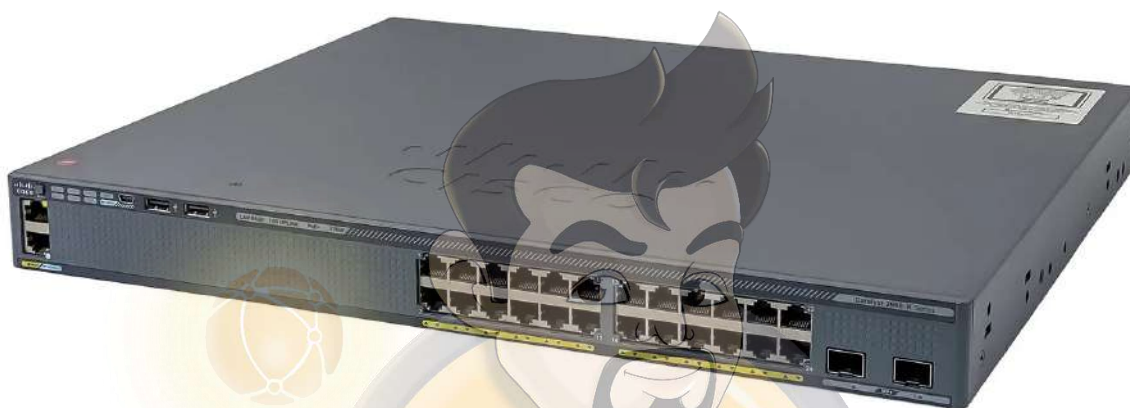


Table 1 shows the Quick Spec of the WS-C2960X-24PD-L.

Product Code	WS-C2960X-24PD-L
Enclosure Type	Rack-mountable - 1U
Feature Set	LAN Base
Uplink Interfaces	2 x 10G SFP+
Ports	24 x 10/100/1000 Ethernet Gigabit ports
Available PoE Power	370W
Maximum stacking number	8
Stack bandwidth	80G
Forwarding Performance	95.2Mpps
Switching Bandwidth	216Gbps
RAM	512 MB
Flash Memory	128 MB
Dimensions (WxDxH)	44.5 cm x 36.8 cm x 4.5 cm
Package Weight	5.7Kg

Product Details



Figure 1 shows the front panel of the Cisco Catalyst 2960X-24PD-L switch.

(1)	Mode button	(5)	Ethernet management port
(2)	Switch LEDs	(6)	RJ-45 console port
(3)	USB mini-Type B	(7)	24 x 10/100/1000 ports
(4)	USB Type A ports	(8)	2 x SFP+ module ports

include SYST, STAT, SPEED, RPS, MAST, POE and STACK LEDs.



Figure 2 shows the back panel of the Cisco Catalyst 2960X-24PD-L switch.

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

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.



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

Compare to Similar Items

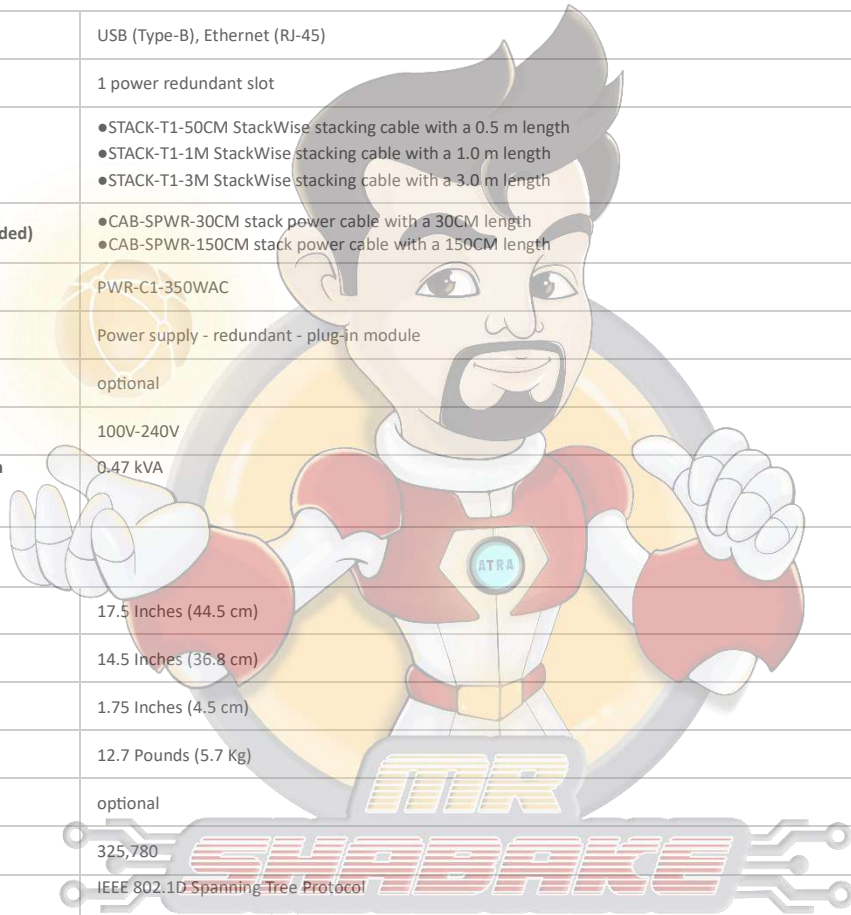
Table 3 shows the comparison of similar items.

Models	WS-C2960X-24PD-L	WS-C2960X-24TD-L
Feature Set	LAN Base	LAN Base
Ports	24 x 10/100/1000 ports	24 x 10/100/1000 ports
uplink	2 x SFP+	2 x SFP+
POE	YES	NO
Forwarding rate	95.2 Mpps	95.2 Mpps
Weight	5.7g	4g

Specification

WS-C2960X-24PD-L Specification	
enclosure type	Rack-mountable - 1U
Ports	Ports 24 x 10/100/1000 + 2 x 10G SFP+
Network management Interface	Network management Interface 10/100 Mbps Ethernet (RJ-45)
Available PoE Power	370W
Switching Capacity	108Gbps
Maximum stacking number	8
Stack Bandwidth	80Gbps
Forwarding Performance	95.2Mpps

Switching bandwidth	216Gbps
Maximum active VLANs	1023
MAC Address Table Size	16K
CPU	APM86392 600MHz dual core
RAM	512 MB
Flash Memory	128 MB
Expansion / Connectivity	
Console ports	USB (Type-B), Ethernet (RJ-45)
Expansion Slot(s)	1 power redundant slot
Stacking cable	●STACK-T1-50CM StackWise stacking cable with a 0.5 m length ●STACK-T1-1M StackWise stacking cable with a 1.0 m length ●STACK-T1-3M StackWise stacking cable with a 3.0 m length
Stack Power Cable (recommended)	●CAB-SPWR-30CM stack power cable with a 30CM length ●CAB-SPWR-150CM stack power cable with a 150CM length
Power supply	PWR-C1-350WAC
Power Device	Power supply - redundant - plug-in module
Power Redundancy	optional
Voltage range (Auto)	100V-240V
Power rating (switch maximum consumption values)	0.47 kVA
Miscellaneous	
Width	17.5 Inches (44.5 cm)
Depth	14.5 Inches (36.8 cm)
Height	1.75 Inches (4.5 cm)
Weight	12.7 Pounds (5.7 Kg)
Rack Mounting Kit	optional
MTBF in hours	325,780
Compliant Standards	IEEE 802.1D Spanning Tree Protocol IEEE 802.1p CoS Prioritization IEEE 802.1Q VLAN IEEE 802.1s IEEE 802.1w IEEE 802.1X IEEE 802.1ab (LLDP) IEEE 802.3ad IEEE 802.3af and IEEE 802.3at IEEE 802.3ah (100BASE-X single/multimode fiber only) IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X



	RMON I and II standards SNMP v1, v2c, and v3 IEEE 802.3az IEEE 802.3ae 10 Gigabit Ethernet IEEE 802.1ax
System software / license	
System software	IOS LAN Base
license	NERGY-MGT-100-K9, EW-DO-100-DE
features	•Jumbo Frames •VLANs •Voice Vlan •VTPv2 •CDPv2 •LLDP •802.3ad LACP •PVST/PVST+ •802.1W/802.1S •Port Fast/Uplink Fast •port CoS Trust and Override •Scheduling •Priority Queuing •Configure CoS Priority Queues •Weighted Tail Drop •DSCP transparency
Network security	•SSH, SSL and SCP •RADIUS and TACACS+ •SNMPv3 crypto •802.1x •802.1x Accounting / MIB •802.1x w/ port security •802.1x w/Voice VLAN •802.1x Guest VLAN •802.1x VLAN assignment •802.1x MAC-Auth Bypass •BPDU/Root Guard •Port Security •Private VLAN Edge •Storm Control •Block unknown unicast and multicast •IGMP Snooping •IGMP Filter/Throttle
Management and Troubleshooting	•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

شما میتوانید کلیه تجهیزات شبکه را با گارانتی و ضمانت اصالت کالا از هروشگاه اینترنتی مستر شبکه تهیه کنید.

مقالات مرتبط :

- [کانفیگ سوئیچ سیسکو](#)
- [ریکوری پسورد سوئیچ 3850 و 2960](#)
- [قابلیت SPAN در سوئیچ های سیسکو](#)
- [پروتکل SNMP یا پروتکل مدیریت شبکه چیست؟](#)
- [سوئیچ سیسکو چیست؟](#)
- [VLAN چیست؛ آموزش VLANing در سوئیچ سیسکو به همراه ویدئو](#)
- [انواع سوئیچ سیسکو 2960 و تفاوت آنها](#)
- [نحوه IP دادن به روتر و سوئیچ سیسکو](#)