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## Overview

WS-C2960-48TC-L is one of the Cisco Catalyst 2960 Series switches. This series support voice, video, data, and highly secure access. They also deliver scalable management as your business needs change. The Common Features are included: Enhanced security including Cisco TrustSec for providing authentication, access control, and security policy administration, Multiple Fast or Gigabit Ethernet performance options, Cisco EnergyWise for power management, Scalable network management.

## Quick Specs

Figure 1 shows the appearance of the WS-C2960-48TC-L.

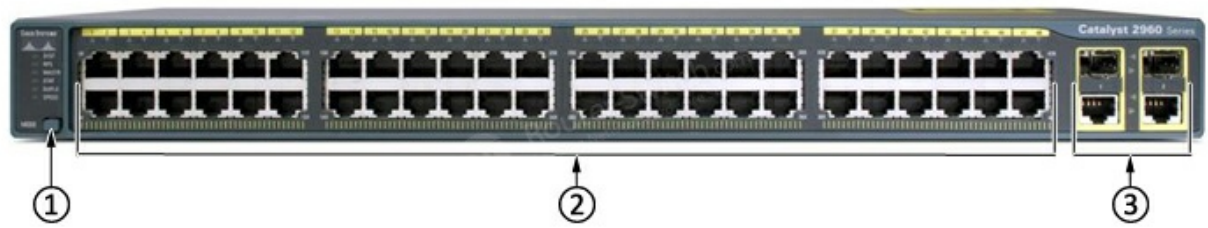


Table 1 shows the Quick Spec of the WS-C2960-48TC-L.

<b>Product Code</b>	WS-C2960-48TC-L
<b>Enclosure Type</b>	Rack-mountable - 1U
<b>Feature Set</b>	LAN Base
<b>Uplink Interfaces</b>	2 x Dual-purpose ports uplinks (each dual-purpose uplink port has 1 10/100/1000 Ethernet port and 1 SFP-based Gigabit Ethernet port, 1 port active)
<b>Ports</b>	48 x Ethernet 10/100 ports
<b>Throughput</b>	6.5 Mpps
<b>Backplane Capacity</b>	16 Gbps
<b>DRAM</b>	64 MB
<b>Dimensions</b>	1.73 x 17.5 x 9.3 in.
<b>Package Weight</b>	9.19 Kg

## Product Details

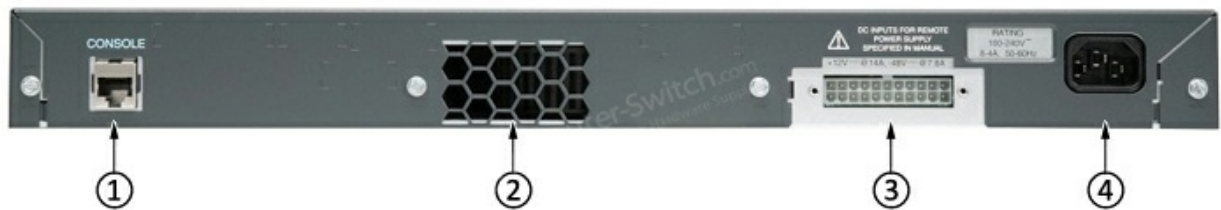
Figure 2 shows the front panel of the WS-C2960-48TC-L.



Note:

(1)	Mode Button
(2)	48 x Ethernet 10/100 ports
(3)	2 x Dual-purpose ports uplinks

Figure 3 shows the back panel of the WS-C2960-48TC-L.



Note:

(1)	RJ45 Console Port
(2)	Fan Exhaust
(3)	AC power connector

## The Accessories

Table 2 shows some accessories of the WS-C2960-48TC-L.

Models	Description
<a href="#">GLC-LH-SM</a>	GE SFP, LC connector LX/LH transceiver
<a href="#">GLC-SX-MMD</a>	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
<a href="#">CAB-CONSOLE-RJ45</a>	Console Cable 6ft with RJ45 and DB9F

## Compare to Similar Items

Table 3 shows the comparison of similar items.

Models	WS-C2960-48TC-L	<a href="#">WS-C2960-48PST-L</a>
PoE Available	No	Yes
Ports	48 x Ethernet 10/100 ports	48 x Ethernet 10/100 PoE ports
Uplinks	2 dual-purpose uplinks	2 x 10/100/1000 uplinks and 2 SFP uplinks
Feature Set	LAN Base	LAN Base

## Get more information

Do you have any question about the WS-C2960-48TC-L?

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## Specification



WS-C2960-48TC-L Specifications	
Type	Fixed
Topology	Ethernet (10/100BaseTX) Ethernet (10/100/1000BaseT) Gigabit Ethernet (SFP)
Maximum Port density	48 10/100 ports
Uplinks	2 dual-purpose (10/100/1000 or SFP) ports
Modular/Expansion Slots	n/a
Architecture	Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Voice Enabled
Form Factor	Fixed, Rack Mountable, Standalone/Clustering
Dimensions	1.73 x 17.5 x 9.3 in.
DRAM	64 MB
<b>Features</b>	
Specialized Service Modules	n/a
<b>Security</b>	
DHCP Snooping	
Dynamic ARP Inspection	
IP Source Guard	
RP Rate Limiters	
TCP Intercept	
802.1x	
Port Security	
Dynamic VLANs	
Private VLANs	

Private VLAN Edge	
Secure Shell	
SNMPv3	
Unicast RPF	
ACLs (L2-L4)	
Kerberos	
TACACS+	
RADIUS	
<b>High Availability/Resiliency</b>	
Hardware Redundancy	External Redundant Power Supply
High Availability/Resiliency	PVST, Broadcast Suppression, Unicast Suppression, Multicast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w
<b>Management</b>	
Management features	SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management
<b>Scalability</b>	
WAN Interface Support	n/a
Throughput	6.5 Mpps
Backplane Capacity	16 Gbps
Number of VLANs	255

## Download Resource

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### 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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